

# EAA

# 2021 Kiel, 6-11 Sept.

## Widening Horizons

### Virtual Meeting



# PROGRAMME BOOK

**EAA**   
**2021** Kiel, 6-11 Sept.  
Widening Horizons

## Organisers



## Partners



# 27th EAA Annual Meeting (Kiel Virtual, 2021) PROGRAMME BOOK

### 27th EAA Annual Meeting (Kiel Virtual, 2021) - Programme Book

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## Welcome by Felipe Criado-Boado

Dear Members, dear attendees, dear readers,

Once again, the EAA comes together in its Annual Meeting (AM) **to widen the horizons of our practice**. For a second year, we are holding our AM in **virtual format** because of the COVID-19 pandemic.

We miss the face-to-face format and being together in person, yet we recognize that the virtual format actually allows us to widen our horizons by attracting many people to our Meeting who otherwise could not participate. At the same time, we have perhaps lost those who prefer direct interpersonal interaction or are overcome by pandemic fatigue. But the balance still makes for an AM with **2450 participants, 236 sessions, 2500 contributions, 8 keynote lectures and 13 exhibitors**.

Just think what 2450 attendees means. In Barcelona we were 2870. Last year, in our first Virtual AM we were 1871. Our participation has increased by 24%. This shows the healthy condition of our AMs. Thanks to this we can still gather a representative number of participants for 'widening horizons', as invited by the Kiel organization's motto, even if we would have preferred to contemplate this vision while looking at Baltic horizons, as proposed by the logo chosen for this occasion!

Instead, for one more year we will be looking at our screens and the internet cloud. Despite the restrictions on travel, if we think about these circumstances, we discover **the media to widen horizons**. We also discover the reason to think and act widely by **realizing the changes we are facing** and considering the long-lasting effects that they will bring to Archaeology, to Heritage matters and, overall, to our own lives. Many of the sessions in this AM address topics of this type. Moreover, I am sure that many, if not all, of you will bring these reflections to your own contributions and interventions during the AM.

We would have liked to offer a hybrid meeting, with the virtual participation of those who could not or would not want to travel, and the in-person engagement of those who could. But it could not be. The EAA Executive Board and the Kiel local organization realized that holding a meaningful hybrid Meeting is more than having a video conference on a screen projected to a small group of people in the room. Our ambitions for a joined-up, fully hybrid conference have yet to be matched by readily available technologies and equipment. This is a worldwide issue but we are working on implementing solutions of this type for the future. We have learnt the benefits of enabling participation for Members who cannot, for whatever reasons, attend in person, and we are not going to give this up.

It may be difficult to appreciate the effort that it takes to organize a successful meeting of 2500 people in virtual format. In making this possible, once again **I have to thank the hard work** of the EAA Executive Board and especially its Secretariat for the wonderful, hard and caring work. But I must **thank also the generosity of the Kiel organization**, its main scientific organizer, Johannes Müller and the people in charge (Angelika Hoffman and Annalena Pfeiffer), as well as the Organizing Committee and the Scientific Committee. Despite their passion and resolve to organize a face-to-face AM in Kiel, they made it possible (once again) to transform our AM to a virtual event, and to maintain Kiel as the spatio-temporal coordinates - place as well as home - of the 2021 EAA AM.

For all these reasons, the AM that this Programme Book represents will be important, again! The AM is further notable because, at its end, the EAA will have a new President, the first female President, Eszter Bánffy. September 2021 is, therefore, the time for the EAA to come to its own new normal. **Salud and buena suerte**.

Felipe Criado-Boado

EAA President

## Welcome by Local Organisers in Kiel

Since Kiel was chosen to host the 2021 Annual Meeting of EAA three years ago, we were very much looking forward to welcome you here in Kiel, the capital of Germany's northernmost federal state Schleswig-Holstein.

And as we are probably all longing to finally meet again in person, you can imagine that the decision to switch to a virtual format for the second time in a row was a very hard one for us. But we are still convinced that given the circumstances there was no other option. Anyway, now we look forward to a virtual Meeting which also comes with a couple of advantages. For many it makes participation more affordable, it saves long traveltimes, and last not least, lowers the environmental impact of the Meeting by reducing our carbon footprint.

The logo as well as the motto of this year's EAA - Widening Horizons - are inspired by the geographical location of Kiel. The capital is located at the shores of the Baltic Sea with the Kiel fjord stretching right into the heart of the city. And the federal state of Schleswig-Holstein is a small headland between the North and the Baltic Sea, the "land of horizons".

The bottom of the logo has its origin in manually applied ceramic decoration. The typical patterns give archaeological evidence of early socio-cultural networks. Through increasing abstraction, the ornament turns into waves becoming a symbol for the sea and the horizon. It comes in maritime colors, the dark blue standing for the oceans as well as for safety and stability, the powerful turquoise symbolising the sky, the vastness, and an open mind.

Now, that you won't be able to enjoy the maritime atmosphere and the archaeological heritage of the North on-site, we prepared - as a kind of substitute - four short films for you. They will introduce you to the hidden treasures of the Wadden Sea, the visible remains of the burial culture in the Neolithic and the Bronze Age, and take you to a significant trading venue of the Vikings, nowadays a UNESCO world cultural heritage. Furthermore, you can accompany a school class to the archaeo:lab of Kiel University, where they can experience hands-on archaeology.

So, have fun and widen your horizons!

Last but not least, we would like to take the opportunity to express our very special thanks to the EAA office in Prague. We are aware that by changing the format of the Meeting most of the work which was intended to be done in Kiel has moved to Prague. Sylvie, Katka, and Krisztína, you are doing such a great job, you are incredibly professional, always supportive, and very kind. It has been a great pleasure to work with you!

Johannes Müller, Angelika Hoffmann, Annalena Pfeiffer

Kiel University

## Welcome Message of the Scientific Committee

With extraordinary speed, the world, science, and archaeologists are experiencing dramatic changes in times of climate and social change. Within our disciplines, in addition to the advancement of new methods, new forms of communication, and new threats to archaeological heritage, structures and formats are changing, which are accelerated by the experience of a worldwide pandemic. The challenges of our modern societies are becoming all the more apparent, e.g. the environmental crisis, increasing inequality, and the potential for conflict, to name but a few aspects. Especially in times such as these, the reflection of human behaviour from distant and far distant times is important for the self-assurance of human existence.

In this context, archaeology makes important contributions to the interpretation of recent cultural changes and provides crucial data for strategy development of our modern societies. “*Widening Horizons*” – the motto of this year’s Annual Meeting – stands for both what is happening and what is necessary to fulfil our social duty: the departure to new horizons!

For the 26th EAA Meeting in Kiel, the Scientific Board has identified various topics to meet the task to structure the discourse on *widening horizons*: Seven themes were identified to guide the many contributions. “*Widening horizons through human-environment interconnections*” and “*Pandemics and climate change: responses to global challenges*” locate connectivity and transformations in the socio-environmental context of the past, which continue to be relevant in the present. We know, especially from the experiences of the last decade, how strikingly the disruption of social connectivity or the destruction of the environment becomes a danger.

The new challenges for the preservation of cultural heritage and the presentation of the past to the public will be addressed under the topics “*The new normality of heritage management and museums in post-Covid times*” and “*Globalisation and archaeology*”.

“*Assembling archaeological theory and the archaeological sciences*” and “*Material culture studies and societies*” will discuss the extraordinary progress in archaeological methodology, which not only makes completely new archives accessible for research but above all requires new theoretical foundations to interpret the new data.

This will be exemplified by “*From global to local: Baltic-Pontic studies*”. Investigations will be brought together for a part of Europe, where, since Palaeolithic times, connectivity between diverse societies and their environments has always led to significant innovations.

Kiel – as the venue of the EAA Annual Meeting 2021 – stands symbolically for *widening horizons* by integrating natural and life sciences into archaeology, by incorporating the most diverse horizons between east, west, north and south, and by developing new research centres that build on proven ones while integrating them with new ones.

The Kiel EAA Annual Meeting 2021 had to go virtual again, what is a pity for the local organization, the university and cross-regional, on-site participation. But at the same time, going virtual has facilitated new forms of participation and communication, which also makes the Annual Meeting more inclusive. The Scientific Committee had to develop a scientific programme for the second-highest number of registrations in the history of the EAA in spite of the pandemic – from 66 countries. Thus, *widening horizons* is not only necessary, but possible!

**Johannes Müller**

**Kiel University, Chair of the Scientific Committee**

## European Association of Archaeologists (EAA)

The European Association of Archaeologists (EAA; [www.e-a-a.org](http://www.e-a-a.org)) is a membership-based, non-profit association that is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic and is governed by an Executive Board elected by Full Members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the various sectors of the profession. EAA’s membership covers most European countries and also includes residents from all other continents with an interest in European Archaeology.

### EAA Executive Board

|                      |                       |           |
|----------------------|-----------------------|-----------|
| ▪ President          | Felipe Criado-Boado   | 2015-2021 |
| ▪ Incoming President | Eszter Bánffy         | 2020-2024 |
| ▪ Secretary          | Sally Foster          | 2020-2023 |
| ▪ Treasurer          | Esa Mikkola           | 2019-2022 |
| ▪ Vice-President     | Hrvoje Potrebica      | 2016-2022 |
| ▪ Board Member       | Amanda Chadburn       | 2020-2023 |
| ▪ Board Member       | Manuel Fernández-Götz | 2015-2021 |
| ▪ Board Member       | Maria Mina            | 2019-2022 |
| ▪ Board Member       | Maria Taloni          | 2020-2023 |
| ▪ Board Member       | Agne Zilinskaite      | 2018-2021 |

### EAA Nomination Committee

|                    |                     |           |
|--------------------|---------------------|-----------|
| ▪ Committee Member | Maria Pia Guermandi | 2018-2022 |
| ▪ Committee Member | Gitte Hansen        | 2019-2023 |
| ▪ Committee Member | Marta Rakvin        | 2020-2024 |
| ▪ Committee Member | John Robb           | 2017-2021 |

The EAA was established in 1994 in an Inaugural Meeting in Ljubljana, Slovenia, where its Statutes were formally approved ([www.e-a-a.org/EAAStatutes](http://www.e-a-a.org/EAAStatutes)).

These stipulate that the EAA was created:

- to promote the development of archaeological research and the exchange of archaeological information.
- to promote the management and interpretation of European archaeological heritage.
- to promote proper ethical and scientific standards for archaeological work.
- to promote the interests of professional archaeologists in Europe.
- to promote archaeology to the public, and to raise awareness of archaeology in Europe.
- to promote co-operation with other organisations with similar aims.
- to promote interest in archaeological remains as evidence of the human past and contributing to our knowledge of human culture, and to discourage a focus upon any commercial value that may be attached to such material.
- to work for the elimination of any form of illegal detection and collection and the damage it causes to archaeological heritage.

The EAA has held Annual Meetings since the first Meeting in 1994. Sessions cover topics varying from the interpretation of material culture through theoretical perspectives to cultural heritage management.

### EAA Publications and Awards:

The EAA has published a journal since 1993: originally the Journal of European Archaeology (1993 - 1997); and since 1998 the European Journal of Archaeology (EJA). It also publishes the European Archaeologist (TEA) electronic newsletter, the Themes in Contemporary Archaeology monograph series, and the new series Elements which is a collaborative publishing venture between Cambridge University Press and the EAA.

Since 1999 the Association has awarded the annual European Archaeological Heritage Prize to an individual, institution or a local or regional government for an outstanding contribution to the protection and presentation of European archaeological heritage. A Student Award was instituted in 2002 and is granted annually for the best paper presented at the EAA Annual Meeting by a student or an archaeologist working on a dissertation.

The Association encourages its communities, committees and task forces to be proactive and dynamic: creating networks, working between Annual Meetings, helping to formulate policies, developing standards and informing the EAA decision-making process.

#### EAA communities currently include:

- Archaeological Prospection
- Archaeology & Astronomy in Culture (SEAC-EAA)
- Archaeology and Gender in Europe (AGE)
- Archaeology of Wild Plants
- Climate Change and Heritage (CCH)
- Community for 3D-Technologies in Archaeology
- Community for the Archaeology of the Americas (EAA4Am)
- Community on the Illicit Trade in Cultural Material
- Community on the Teaching and Training of Archaeologists
- Community on Archaeological Legislation and Organisation (ALO)
- Community on Fieldwalking Documentation (FIDO)
- Community on Fortification Research (COMFORT)
- Discovering the Archaeologists of Europe (DISCO)
- EAA and EAC Working Group on Farming, Forestry and Rural Land Management
- Early Career Archaeologists Community (ECA)
- Medieval Europe Research Community (MERC)
- Palaeolithic and Mesolithic Community (PaM)
- Political Strategies Community
- Public Archaeology Community
- Professional Associations in Archaeology (PAA)
- Urban Archaeology
- Community Integrating the Management of Archaeological Heritage and Tourism

The Association has been in partnership with the Medieval Europe Research Community (MERC) since 2012 and has participated in the following projects: Discovering the Archaeologists of Europe (Disco), New Scenarios for a Community-Involvement Archaeology (NEARCH) and ArchaeoLandscapes.

The Association promotes ethical professional behaviour through its Code of Practice, the Principles of Conduct for Contract Archaeology and the Code of Practice for Fieldwork Training ([www.e-a-a.org/EAACodes](http://www.e-a-a.org/EAACodes)). The EAA acts as an advisory body on all issues relating to the archaeology of Europe and is affiliated to major institutions active in cultural heritage protection and management. In 1999 the EAA was granted consultative status with the Council of Europe, which in 2003 was upgraded to participatory status. The EAA has joined the European Heritage Alliance 3.3 and has been invited to participate in the special "Voices of Culture & Heritage" process of the European Commission. The EAA has also been an active stakeholder in the 2018 European Year of Cultural Heritage.

## Committees

### Organising Committee

- Anspach, Birte (State Archaeology Department of Schleswig-Holstein)
- Blankenfeldt, Ruth (Centre for Baltic and Scandinavian Archaeology)
- Carnap-Bornheim, Claus von (Schleswig-Holstein State Museums Foundation Schloss Gottorf)
- Eriksen, Berit (Centre for Baltic and Scandinavian Archaeology)
- Hoffmann, Angelika (Kiel University)
- Ickerodt, Ulf (State Archaeology Department of Schleswig-Holstein)
- Müller, Johannes (Kiel University)
- Pfeiffer, Annalena (Kiel University)
- Staniuk, Robert (Kiel University)
- Weinelt, Mara (Kiel University)

### Scientific Committee

- Anders, Alexandra (Eötvös Loránd University)
- Carnap-Bornheim, Claus von (Schleswig-Holstein State Museums Foundation Schloss Gottorf)
- Eriksen, Berit (Centre for Baltic and Scandinavian Archaeology)
- Fernández-Götz, Manuel (University of Edinburgh)
- Kalmring, Sven (Centre for Baltic and Scandinavian Archaeology)
- Kirleis, Wiebke (Kiel University)
- Müller, Johannes (Kiel University) - Chair
- Potrebica, Hrvoje (University of Zagreb)
- Murphy, Eileen (Queen's University Belfast)
- Rebay-Salisbury, Katharina (Austrian Academy of Sciences)
- Rossenbach, Kai Salas (Institut national de recherches archéologiques préventives)
- Weinelt, Mara (Kiel University)

### EAA Secretariat

- Kleinová, Kateřina - Events and Data Manager
- Květinová, Sylvie - Senior Manager
- Lokajíčková, Alena - Financial and Administrative Assistant (Parental leave)
- Pavlíčková, Krisztína - Finance Manager
- Tylšová, Sára - Financial and Administrative Assistant

# Themes of the Meeting

## 1. Widening horizons through human-environment interconnections

Ancient communities around the globe were variably interconnected through cultural practices, subsistence modes, socio-political relationships, and ritual experiences. Local environments played a role in shaping the tenor, nodality, intensity, and duration of intra- and inter-community connection dynamics amongst and between foragers, farmers, and pastoralists.

This topic encourages sessions that explore the emergence of novel forms of human-environment and human-human interconnections and their subsequent evolution in subsistence arenas, social spheres, as well as in trade and political networks. The theme provides an opportunity to explore interconnectivity through a variety of theoretical frameworks including, but not limited to, niche construction, thing theory, the animal turn, personhood, and intersectionality.

## 2. Pandemics and climate change: responses to global challenges

Pandemics bring to mind similar patterns of human reactions and actions in crisis situations. Crises, such as pandemics and climatic shifts, require social responses to mitigate their impacts, regardless of the setting. In past crises, people acted and reacted according to similar patterns yet to be discovered. Whether in prehistoric or historical times, an increase in the diversity of options might have enabled innovative ways of dealing with a new situation as well as prompting a broadening of the economic and intellectual resources of communities.

Archaeology can make a decisive contribution by exploring resilience and the sustainability of human societies in prehistoric and historical times. The diverse ways in which people changed their behaviour towards the environment to adjust to climate change may have triggered fundamental cultural changes or vice versa.

Pandemics and climate change might have been linked, which necessitates the exploration of the topics together. Connections between environmental challenges, the development of epidemics and pandemics, and social reactions may be illustrated. To this end, sessions are invited which deal with socio-environmental aspects of climatic change and/or pandemics/epidemics.

## 3. The new normality of heritage management and museums in post-Covid times

The pandemic has changed the work of museums and cultural heritage preservation around the world. Communication has become more digital, exhibitions have been partially translocated to the web, and the results of excavations are being presented in new communication media. At the same time, contact to the guests of exhibitions and museums was partly lost, and the haptic experience of a real museum visit was temporarily not possible. However, first experiences over the last months show that the authentic experience of visits to museums and exhibitions is still being sought and is even partially stronger sought and enjoyed.

Hygiene regulations significantly affected the organisation of excavations. On the one hand, we thus experience a new form of communication and media processing that will also provide an added value in the future to further very successfully practised public relations work. On the other hand, digitalisation in heritage work has also experienced a push.

The EAA will serve to investigate the impacts of the developments in post-Covid times and to formulate prognoses for the future.

## 4. Globalisation and archaeology

People, goods, food, plants, animals, and micro-organisms have always been on the move. Worldwide interconnections between cultures and peoples find their expression in globalised exchange networks. The identification of alternating exchange pathways is still a challenge in archaeology in order to overcome narratives of unidirectional developments. Globalisation as a worldwide process, including the associated regional effects and reactions, are of primary importance. The underlying hypothesis – the more that people are connected, the lower the potential for conflict – is the starting point. In times of a pandemic, it is even more essential to know how people reacted in a globalised world in crisis situations: not only in industrial and post-industrial times but also in distant times, which provide us, so to say, with a mirror of our behaviour. Thus, the identification of phenomena with transformative power in the past is crucial to answer the question how foragers, first farmers, ancient societies or early modern urban communities reacted to ground-breaking crisis situations.

We invite sessions that pay special attention to cultural heterogeneity as well as to modes of acculturation and hybridisation and their relevance for the dispersal of technological innovations and the associated social relationships. We also welcome sessions that offer new narratives for an understanding of past globalisation through inter- and cross-disciplinary approaches, for example, focusing on the connections of central places/hubs with the hinterland and the identification of connecting nodes through the application of network analyses.

## 5. Assembling archaeological theory and the archaeological sciences

Over the past several decades, archaeological sciences have revealed new insights into the ways in which people acquired their food, shaped their diets, managed raw materials, distributed finished goods, fashioned tools, and moved across landscapes. Archaeological sciences continue to rapidly develop, playing an increasingly significant role in documenting ancient human lifeways. With information now routinely extracted at the macro-, micro-, and biomolecular levels, major developments in archaeological theory have opened new ways to think about how people and communities engaged with each other and interacted with the landscape and the built environment.

This theme seeks to explore the interplay between archaeological theory and the archaeological sciences, examining the ebb and flow of various theoretical currents and analytical approaches as part of efforts to come to a better understanding of our shared human past.

## 6. Material culture studies and societies

With a variety of traditional and innovative approaches to the study of artefacts, archaeology is leading the field of material culture studies worldwide. Archaeology studies the things people left behind – the patterns of production, distribution and consumption of materials and objects as well as the social implications of producing, using and discarding objects.

Increasingly sophisticated analytical methods, including isotopic and use-wear analyses, integrated with theoretical approaches, such as chaîne opératoire and cross-craft-interaction, have led to new insights into how people engaged with materials and artefacts throughout time. Material culture affects the world people live in, their interactions with each other and the social world they construct. Material practice, the agency of things and the social interpretation of the impact of material culture are increasingly defining the contours of social archaeology. The analysis of material culture expands into the heritage sector, with questions of authenticity, ownership and trafficking of archaeological objects as the most pressing concerns. We invite sessions that address topics ranging from individual artefact studies and material analyses to methodological and theoretical aspects of the role of materials within societies.

## 7. From global to local: Baltic-Pontic studies

Due to their geographical positioning, interactions between the Baltic and Pontic regions were formative for numerous developments in European prehistory and history. The wide area of inter-connectedness linked Scandinavia and the Northern European plain with the vast steppes as far as the Black Sea. Developments in Southeastern and Central Europe are also connected with those of the wider Eurasian landscape via the Baltic-Pontic zone of interaction.

We invite sessions that explore the archaeology of the Baltic-Pontic area from a variety of diverse perspectives, for instance, interpreting material culture, applying theoretical approaches, and exploring the latest scientific results in these regions, including Scandinavia and the Southeast. Special attention will be accorded to explorations of cultural heterogeneity and subsistence strategies in the various landscapes, the occurrence of parallel phenomena in the different areas, interconnections between cultures and peoples, and also to the region's role in cultural reception, transformation and transmission in Europe's history from prehistoric times to the modern ages.

EAA 2021

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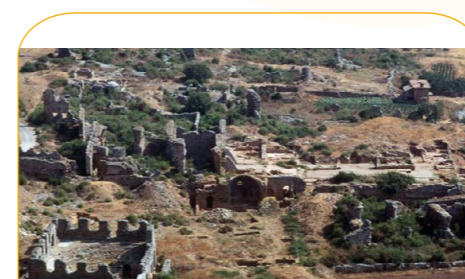
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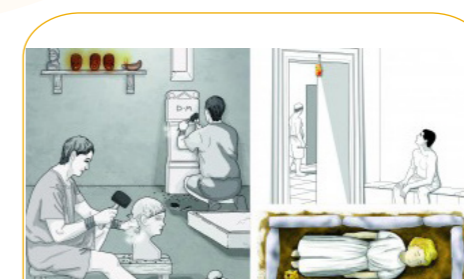
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James Russell  
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Elena Martelli  
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## Safe Space Policy

The EAA is committed to ensure that all participants of our Annual Meetings experience a safe, secure and hospitable environment, regardless of age, gender, sexual identity, disability, physical appearance, race, ethnicity, religion or belief. EAA will not tolerate direct or indirect discrimination against any person on grounds of any of the above.

We expect all participants to respect the personal boundaries of others, whether they be physical, emotional or cultural. The EAA believes that people from different backgrounds bring ideas, creative thinking and wide-ranging approaches to those topics and subjects that we engage in; this dynamic makes our Annual Meetings both innovative and effective.

We support the right of all our Members to be able to express their viewpoints without undue interruption. Constructive criticism and dissent are welcome, but should be focused on the topic, not the person. Any participant must consider the effect her/his own words and actions may have on others.

The EAA will not tolerate inappropriate, intimidating or offensive behaviour, whether verbal or written, including harassment or unwarranted and unwelcome attention in any form.

Failure to abide by this policy will result in appropriate action being taken by the EAA.

### Sexual Harassment

Sexual harassment of any kind will not be tolerated within EAA.

Sexual harassment is a pernicious form of behaviour that oversteps the personal boundaries of others and seeks to debase a person on the basis of gender. It is always one sided and it is undesired by the person concerned. It is demeaning and offensive, it undermines the self-confidence and it generates fear and uncertainty in its victim. Sexual harassment has nothing to do with sexual attraction and it can develop in a subtle way, but it is motivated by a wish to dominate and control the victim. It can originate from an individual or a group. Sexual harassment can occur verbally, in gestures or in actions.

### EAA Response

Any behaviour during the EAA Annual Meeting that contravenes this policy and that has affected any person should be reported immediately to the EAA representatives Maria Mina and Uroš Matič by email to: [antiharassment@e-a-a.org](mailto:antiharassment@e-a-a.org) and / or at EAA helpdesk stand / direct message to any EAA staff member.

## General Programme

### Summit on Social Archaeology of Climate Change (6 Sept.)

This year, the EAA is hosting the **Kiel 2021 Summit on Social Archaeology of Climate Change (SACC)** in connection with its Annual Meeting. It will take place prior to the Annual Meeting, on September 6, 14:00-18:00 CEST (8 am -12 pm EST). Up to a limited number, EAA Members may register to follow the Summit online. It is supported by the EAA, the EAA Community of Climate Change and Heritage, the Cluster of Excellence ROOTS and the CRC 1266 – Scales of Transformation.

It will bring together both international researchers, representatives of professional organizations and policy makers to discuss and evaluate the contribution of archaeology to understand the linkage of social, cultural, environmental and climate change within the context of the Paris Climate Agreement of 2015 and subsequent national and international treaties, policies or initiatives.

It can be seen that an evidence base for the impacts of past climate change, and the responses of societies, is almost entirely missing from the current socio-political debate. The summit will demonstrate that archaeology is well placed to enhance the socio-ecological resilience of societies and their adaptive capacity to climate change through the study of past pathways to adaptation. It will evaluate contributions of archaeology to understand the impacts of climate change on archaeological and cultural heritage sites as well as cultural landscapes, and museums, collections and archives.

### Meetings of EAA Communities (23 August - 6 Sept.)

In order to optimise the expert knowledge and experience that its Members can contribute, EAA institutionalises its Communities, Committees, Task Forces and Commissioners as a practical way to gather and mobilize the collective intelligence of the EAA. **Communities** are built bottom-up, to focus the knowledge and experience of our broad membership, and all EAA Members can join any Community. Internal meetings of the Communities are open to current Community subscribers upon invitation by the Community Chair, with the exception of the Political Strategies Community (PSC) public Round Table "European Standards for Archaeology - something to engage with and if yes how?", held at Zoom.

|   |   |
|---|---|
| ▪ Public Archaeology Community:   | 23 August 18:00 - 19:00                   |
| ▪ Early Career Archaeologists Community (ECA):  | 24 August 14:00 - 16:00                   |
| ▪ Community on Fortification Research (COMFORT):  | 24 August 16:00 - 18:00                   |
| ▪ Discovering the Archaeologists of Europe (DISCO):   | 30 August 09:00 - 11:00                   |
| ▪ Professional Associations in Archaeology (PAA)  | 30 August 11:00 - 13:00                   |
| ▪ Political Strategies Community (PSC) public meeting<br>( <a href="https://us02web.zoom.us/j/81772057998">https://us02web.zoom.us/j/81772057998</a> , Passcode: 9358624) | 30 August 14:00 - 15:00                   |
| ▪ Political Strategies Community (PSC) internal meeting   | 30 August 15:30 - 16:30                   |
| ▪ Committee on the Illicit Trade in Cultural Material   | 2 September 10:00 - 12:00                 |
| ▪ Archaeological Prospection Community  | 2 September 16:00 - 18:00                 |
| ▪ Community of Research on Wild Plant Resources (ARCHWILD)  | 3 September 10:00 - 11:00                 |
| ▪ Community for the use and application of 3D technologies in archaeology   | 3 September 16:00 - 18:00                 |
| ▪ Community Integrating the Management of Archaeological Heritage and Tourism   | 6 September 09:30 - 10:30                 |
| ▪ <b>EAA Communities Assembly</b>   | <b>6 September 11:00 - 12:30</b>          |
| ▪ Community for Urban Archaeology   | 6 September 12:30 - 14:00                 |
| ▪ Archaeology and Gender in Europe (AGE)  | 6 September 14:00 - 16:00                 |
| ▪ Palaeolithic and Mesolithic Community (PaM)   | 6 September 16:00 - 18:00                 |
| ▪ Climate Change and Heritage   | SACC summit in lieu of community meeting. |
| ▪ Community on Archaeological Legislation and Organisation (ALO)  | No meeting scheduled.                     |
| ▪ Committee on the Teaching and Training of Archaeologists (CTTA)   | No meeting scheduled.                     |
| ▪ EAA and EAC Working Group on Farming, Forestry and Rural Land Management  | No meeting scheduled.                     |
| ▪ Medieval Europe Research Community (MERC)   | No meeting scheduled.                     |
| ▪ Community on Fieldwalking Documentation (FIDO)  | No meeting scheduled.                     |
| ▪ Community for the Archaeology of the Americas (EAA4Am)  | No meeting scheduled.                     |

\* All times are CEST time-zone (Prague, Czech Republic).

## Opening Ceremony Agenda (8 Sept., 17:00 CEST)

- Welcome by Felipe Criado-Boado, President of the EAA
- Welcome by Karin Prier, Minister of Education, Science, and Culture of Schleswig-Holstein
- Welcome by Simone Fulda, President of Kiel University
- Welcome by Johannes Müller, Chair of the Scientific Committee
- Presentation of the European Archaeological Heritage Prize
- Presentation of the EAA Student Award
- Presentation of the Early Career Achievement Prize of the OMF
- Keynote lecture by Henny Piezonka

## Annual Membership Business Meeting Agenda (10 Sept., 18:45 CEST)

- Opening and welcome
- The EAA Policy Statement on Archaeology and Climate Change
- Minutes of the previous AMBM (circulated in TEA)
- Matters arising from the Minutes
- Membership Annual Report
- Financial Report
- Membership fee level for the next year
- Oscar Montelius Foundation report
- Statutes amendments
- Election results and report of the Nomination Committee
- New appointments
- EAA Publication Reports (EJA, Themes, Elements, TEA)
- EAA Communities
- Location of future Annual Meetings
- Announcement of the 28th EAA Annual Meeting
- Any Other Business

## Closing Words (11 Sept. 20:00 CEST)

- By local organisers, Felipe Criado-Boado and Eszter Bánffy

## Virtual Excursions (7 - 11 Sept.)

As part of the EAA Annual Meeting, we had planned a number of excursions to show you the archaeological heritage of Germany's northernmost federal state of Schleswig-Holstein. Now, due to reasons known to all of us, we are not going meet on site. Thus, we prepared four short films to at least give you an idea of what you would have encountered. Enjoy!

### Landmarks of the North: Megalithic tombs and Bronze Age grave mounds

Megalithic tombs and Bronze Age grave mounds are the most visible remains of prehistoric times in the landscape of Schleswig-Holstein.

Megalithic tombs emerged as visual manifestations during the Neolithic period and represent collective burial rituals. At the transition to the Bronze Age, individual graves develop in the form of burial mounds. Both forms of monumental structures stand for great collaborative efforts. But while this practice was primarily for the community during the Neolithic, in the Bronze Age the focus turned towards the individual.

The film shows examples of these different burial forms, describes how they are being researched, and explains the conclusions drawn from the results.

Photo: Anna Sara Jagiolla, CAU



### Hidden treasures in the Wadden Sea

The Wadden Sea along the German North Sea coast forms an aquatic landscape with a rich archaeological heritage. Natural and human influenced dynamics and repeated catastrophic storm events have constantly reshaped the marshes and tidal flats throughout history, forcing the coastal communities to find strategies of adaptation to these changes. The tidal flats and young marshes conceal traces of medieval and early modern settlements and their cultural landscapes.

The film introduces you to the archaeological fieldwork carried out in the Wadden Sea and particularly on the small North Frisian island of Hallig Hooge. Here an interdisciplinary team investigates the early to late medieval settlement patterns as well as the causes and dynamics of the rise and decline of the early settlements on the tidal flats. Geophysical prospections and aerial drone-photography are coupled with geoarchaeological investigations and archaeological surveys.

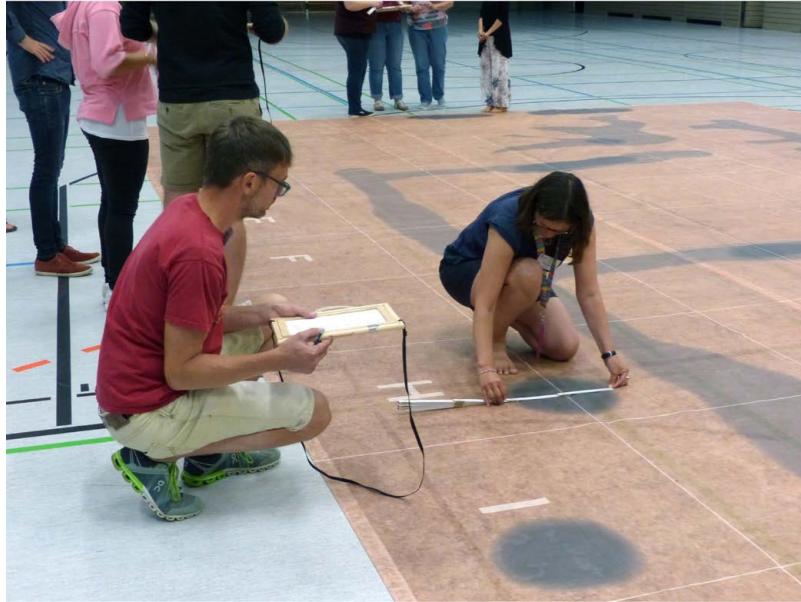
In their research, the scientists are faced with a special challenge: due to the tides, the sea reveals the seafloor only for a few hours a day.

Photo: Ruth Blankenfeldt, ZBSA



## Archaeo:lab – introducing archaeological research to schoolchildren

How can we raise children's interest in archaeological research? At the archaeo:lab, which is part of the school lab of Kiel University, we offer children the opportunity to work as archaeologists for an entire day filled with hands-on practice.



The film accompanies a school class visiting the archaeo:lab in order to explore the aspects of life in the Neolithic. First, they will map the outline of a Neolithic house printed, true to scale, on a large tarpaulin and interpret it. Then, they will sift through samples from an excavated fireplace for the remains of foodstuffs and identify what people ate in the past. Finally, they will detect different plant species by using microscopic pollen samples to get an idea of what the landscape looked like in the Neolithic.

The scientific methods that the students are introduced to are as close to reality as possible and they will learn to distinguish between facts and possible interpretations of their findings. In the end, they will have a better idea of what life in the Neolithic might have been like.

© Copyright Kieler Forschungswerkstatt archäo:lab

## Haithabu and Danewerk: UNESCO world cultural heritage

The significant Viking Age sea trading venue Haithabu and the Danewerk border building are located at a historic narrow passage between the Schlei, a Baltic Sea estuary, and the North Sea lowlands, close to the Danish border in the very north of Germany. Between the 8th and the 11th centuries, the sites were located in the centre of the trading networks between North and West Europe, forming the core between Scandinavia and continental Europe.



During the entire Viking period, Haithabu was one of the largest and most important trading towns. In the 10th century, it was incorporated into the Danewerk defence system, which controlled the border country and the narrow land bridge between the North Sea and the Baltic Sea.

The film offers a glimpse into the Viking Museum Haithabu with jewellery and weapons from richly equipped tombs and other exciting findings witnessing local arts, crafts and trade. The film will show you the reconstructed Viking settlement on the historic grounds and tell you about heritage management, conservation strategies, and knowledge transfer.

cc BY-SA 4.0, Siegbert Brey; [https://de.wikipedia.org/wiki/Haithabu#/media/Datei:Haeuser\\_in\\_Haithabu.jpg](https://de.wikipedia.org/wiki/Haithabu#/media/Datei:Haeuser_in_Haithabu.jpg)

## European Archaeology Fair

The European Archaeology Fair is hosted in the Fair area within Hopin event and will be open from Tuesday 7 to Saturday 11 September. In virtual stands, you can watch video or google slides presentation and/or attend live session in which the exhibitors will present their products. You can also ask questions via stand's chat or schedule one-to-one meetings with exhibitors.

### Exhibitors

#### <sup>14</sup>CHRONO Centre

- [www.14chrono.org](http://www.14chrono.org)

<sup>14</sup>CHRONO Centre is a high precision radiocarbon dating laboratory with more than three decades of experience in providing carbon dating and dendrochronology services to members of the academic and commercial sectors worldwide. With a new lonplus MICADAS AMS, <sup>14</sup>CHRONO can now provide higher precision and faster turnaround times than ever. There is also a recently constructed ramped pyrolysis/combustion system, which can separate carbon fractions thermally and improve radiocarbon dates on artefacts treated with conservatives amongst other uses. <sup>14</sup>CHRONO has the facilities and expertise to provide radiocarbon dates for a wide range of applications.



#### Archaeolingua

- [www.archaeolingua.hu](http://www.archaeolingua.hu)

Archaeolingua Foundation and Publishing House is a Budapest-based, public interest organization that has operated since 1991. Archaeolingua is dedicated to putting forward works of high-quality scholarship in the fields of archaeology, history, historical linguistics and related academic fields, with a special emphasis on interdisciplinary research. Other aims include supporting the protection of cultural heritage and monuments, disseminating knowledge on cultural and natural heritage, supporting the creation and preservation of works of art, as well as education on heritage protection and awareness.



ARCHAEOLINGUA

#### Archaeological Institute of America

- [www.archaeological.org](http://www.archaeological.org)

The Archaeological Institute of America (AIA), founded in 1879, is North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past; supports archaeologists, their research and its dissemination; promotes the ethical practice of archaeology; advocates for the preservation of archaeological heritage; and encourages community-based outreach. The AIA has over 200,000 members and 108 local societies in the United States, Canada, and overseas. Each year the AIA offers fellowships for travel, study, and publications to deserving scholars and students. Through its Site Preservation program the AIA supports projects in more than a dozen countries around the world. The Institute publishes Archaeology magazine with a readership of over 700,000 per issue and the American Journal of Archaeology. Additionally, the AIA coordinates International Archaeology Day each year. To find out more about the AIA, go to [www.archaeological.org](http://www.archaeological.org).



#### Archaeopress Publishing Ltd

- [www.archeopress.com](http://www.archeopress.com)

Archaeopress is an independent publisher run by archaeologists Dr David Davison and Dr Rajka Makjanic. Publishing 6-12 books each month on a wide variety of archaeological topics spanning all time periods and all geographic locations, [the Archaeopress website](http://the-archaeopress-website) contains hundreds of titles available in print and eBook formats. Visit the [Open Access section](#) where approx. 190 eBook titles are available to download and keep for free. [Sign up to the mailing list](#) to get monthly notifications of all new publications. Looking to publish your research? Contact Dr David Davison to discuss your proposal ([info@archaeopress.com](mailto:info@archaeopress.com)) or [visit our website](#) to learn more about all our publishing options.



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## Bloomsbury Academic

- <https://www.bloomsbury.com/uk/academic>

At Bloomsbury Academic we publish books across the full breadth of world archaeology that are designed for a global audience of scholars, practitioners and students. We're actively looking to expand our archaeology list too and will be commissioning new projects, as well as building on existing series like Archaeological Histories and Debates in Archaeology.



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## Chartered Institute for Archaeologists

- [www.archaeologists.net](http://www.archaeologists.net)

The Chartered Institute for Archaeologists (CIfA) is the leading professional body representing archaeologists working in the UK and overseas. We promote high professional standards and strong ethics in archaeological practice, to maximise the benefits that archaeologists bring to society. CIfA has over 4000 members who study and care for the past through its physical remains.

CIfA confers professional accreditation on applicants who can demonstrate that they are competent to work in any branch of the archaeological profession. These accredited professional members are subject to CIfA's Code of Conduct and Standards, which promote conduct and self-discipline which serves the interests of the public in the pursuit of the study and care of the physical evidence of the human past.

CIfA has members based in many countries and while its main operations are UK-focussed, CIfA has established German and Australian groups which seek to grow professional accreditation using CIfA's Code and principles in these nations.



## EAA 2022 Annual Meeting in Budapest - ELTE & Altagra

- [www.e-a-a.org/ea2022](http://www.e-a-a.org/ea2022)

The 28th EAA Annual Meeting will be held in Budapest, Hungary, 31 August-3 September 2022. After two online Annual Meetings in 2020 and 2021 due to the Covid pandemic, the upcoming event will again offer participants the opportunity for [RE]INTEGRATION, to meet face-to-face and to refresh relationships.



Budapest is a vibrant, youthful, modern node, full of exciting experiences waiting to be explored – a perfect place to reconnect, networking and making new friendships. Let us meet in Budapest in 2022, the city in a stunning natural setting with a rich archeological, architectural and historical heritage, offering an unmatched combination of culture, fine cuisine and thermal baths.

The host of the Meeting will be the Eötvös Loránd University (ELTE), Hungary's longest standing and most prestigious university, in partnership with the Hungarian National Museum and the Castle Headquarters. The official PCO for the event is ALTAGRA Ltd.

We are looking forward to welcoming you in Budapest!

## EAA 2023 Annual Meeting in Belfast - Queen's University Belfast

- [www.e-a-a.org/ea2023](http://www.e-a-a.org/ea2023)



The 29th Annual Meeting of the European Association of Archaeologists (EAA) will take place from 30th August to 2nd September 2023 in Belfast, Northern Ireland. The event will be organised by the Department of Archaeology & Palaeoecology in the School of Natural and Built Environment at Queen's University Belfast, working in conjunction with Visit Belfast, Tourism Northern Ireland and Belfast City Council, and supported by a range of partners from across the island of Ireland.

The conference will be based within the historic Lanyon Building and associated campus at the university, just a 5 minute walk from the Ulster Museum and Botanic Gardens and a 30 minute walk from the city centre. Our programme of tours will ensure you have the opportunity to explore a variety of fascinating archaeological sites of all periods across our island on the western edge of Europe. We look forward to welcoming you to Belfast!

## JAS Arqueología

- <http://www.jasarqueologia.es/english/>

JAS Arqueología is a non-profit publisher from Spain focused on public archaeology, heritage management, theory and contemporary archaeology, but open to other topics that might be underrepresented or of interest. Besides a fair catalogue of books, we edit three academic journals in open access (Diamond). We mainly publish in Spanish, but also Portuguese and English. Besides publishing, we are involved in several projects and actions around public archaeology, trying to continue fostering a better archaeology in Spain and beyond. If you want to know more, pass by our space at the Fair to know more!



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- <https://global.oup.com>

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- [www.springer.com/gp/social-sciences/anthropology](http://www.springer.com/gp/social-sciences/anthropology)

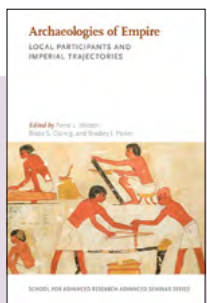
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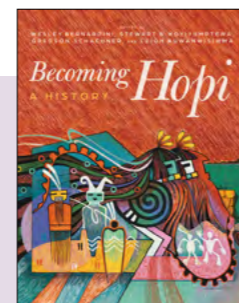
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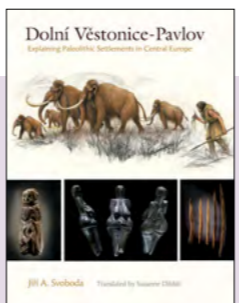
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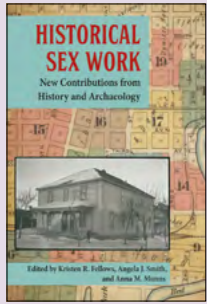
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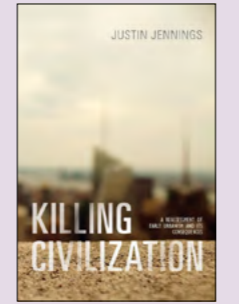
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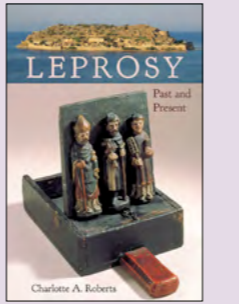
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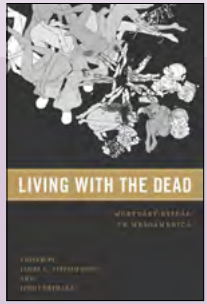
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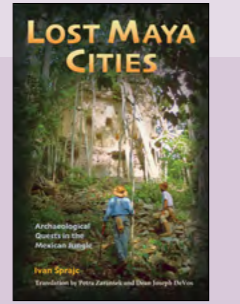
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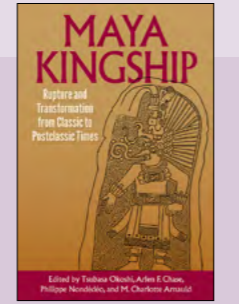
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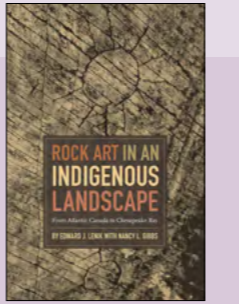
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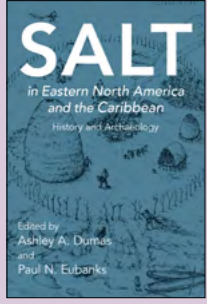
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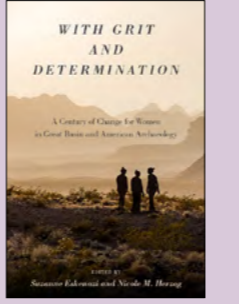
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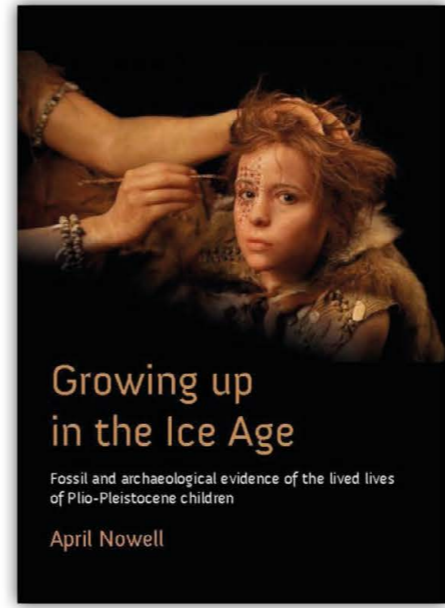


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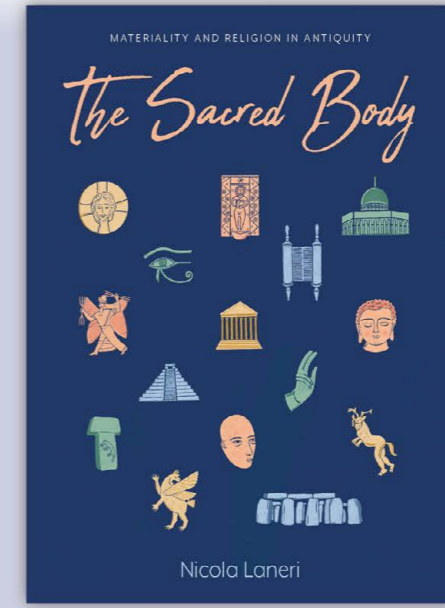
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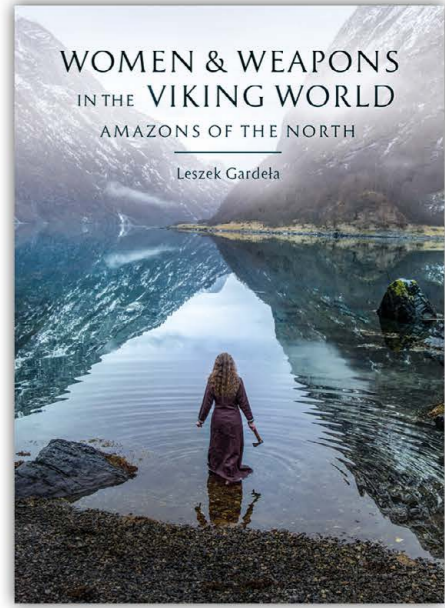
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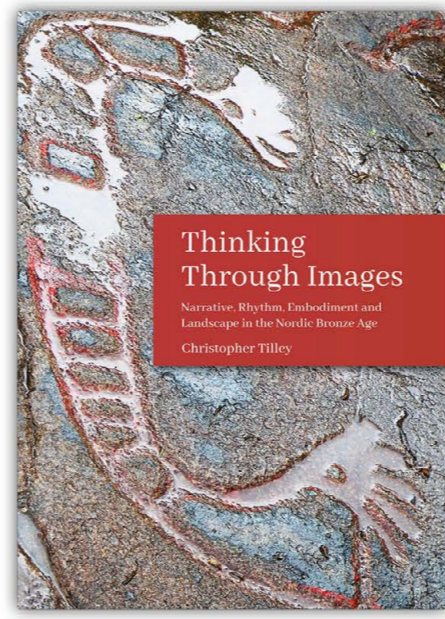
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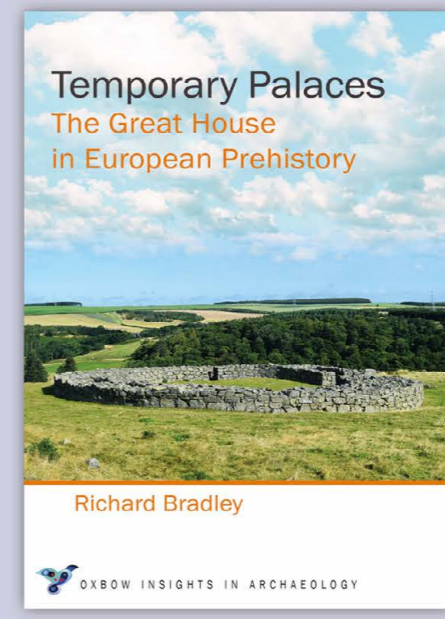
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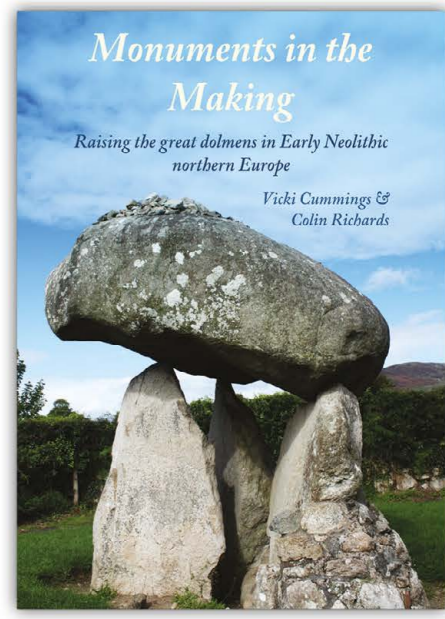
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## Scientific Programme

### 12th International Meeting for Phytolith Research (IMPR)

Towards positive synergies and wider horizons – A joined meeting for the International Phytolith Society and the European Association of Archaeologists in Kiel, 7-11 September 2021

The International Meeting for Phytolith Research (IMPR) is the official meeting of the International Phytolith Society (IPS, <https://phytoliths.org/>), i.e. the biannual meeting for phytolith specialists worldwide. After the first meeting in Madrid in 1996, this is the 12th edition of IMPR. Kiel University is honored to host this edition in collaboration with the IPS and within the framework of the 27th EAA Annual Meeting.

What are phytoliths, and why does it matter also to archaeologists? Phytoliths are microscopic bodies consisting of opal silica produced by living plants, including the main crops from all over the world as well as a wide range of common wild plants, such as grasses, sedges, reeds and palms. Phytolith analysis is used to disentangle vegetation development and aspects of plant domestication, diffusion and uses that are at the base of human economies and of major socio-cultural and environmental developments. Within phytolith research, proxies for the detection of vegetational and climatological changes and for ecological investigation have been developed as well. They foster our understanding of cultural dynamics and of today's mitigation strategies.

Together with biochemical and methodological advances, these aspects will be in focus in so-called "IMPR-sessions" of the EAA conference (#246, #256, #251, #319, #340 and the microscope session on phytoliths in soil micromorphology #342). The IMPR-sessions present the most updated work by IPS members and are open for attendance to all EAA participants. An additional phytolith-related session (#326), with presentations not only by IPS members, focuses on the contribution of phytoliths to the modelling of past human behavior.

The EAA general keynote speech by Dolores Piperno (Smithsonian National Museum of Natural History, Washington DC, and Smithsonian Tropical Research Institute, Panama), considered one of the founders of phytolith research as a discipline, will enlighten some of the multifaceted aspects of phytolith research. At the fore front of phytolith research for almost 40 years, Dolores Piperno addressed issues relating to when and how did humans domesticate plants?, why did agriculture originate?, when, where, and how was the tropical forest exploited and modified by prehistoric cultures?

We look forward to the synergy between the IMPR and EAA, which we believe will lead to a fruitful, scientific exchange. The two groups of researchers usually attending IMPR and EAA meetings have overlapping interests in the fields of archaeology, archaeobotany, geoarchaeology, and ethnoarchaeology. In addition, the phytolith community also includes scientists with a background in ecology, plant biology, bio- and geochemistry, geography, geology, etc., who will enrich the Meeting with their expertise.

With the wish to bring together specialists in an inclusive and collaborative environment, and that scientists from different background will mutually profit from the joined events, the IPS and 12th IMPR scientific committee warmly thank the EAA and the 27th EAA Annual Meeting organizing committee for this cooperation.

We are looking forward to a fruitful meeting!

On behalf of the 12th IMPR organizing committee,

**Marta Dal Corso, Welmoed Out, Ákos Pető, Luc Vrydaghs, Wiebke Kirleis, Ana Polo-Diaz, Alexandre Chevalier, Stefan Dreibrödt**



## Keynote Lectures

### Research in Viking Period Hedeby. From Nazi Investigations to UNESCO World Heritage

by **Volker Hilberg**

When: Tuesday 7 September, 18:45 CEST

Our knowledge of the development of urbanism in Northern Europe is largely depending on the archaeological research in the so-called emporia, early medieval urban production and distribution centres, which belonged to a new generation of ports developing from the late Merovingian period onwards.

The investigation of the early medieval port at Hedeby is one of the most extensive archaeological projects in the Baltic region since several decades. Due to its central position at the narrowest part of the Jutland Peninsula, this place was an important hub in the communication and trading network linking Scandinavia with the Continent and the North Sea with the Baltic Sea from the early 9th century to the middle of the 11th century AD.

Early medieval Hedeby is characterised by the fact that it has not been disturbed by modern building activities and by the excellent preservation of the archaeological features and their stratigraphy. For an enhanced understanding of the results and interpretations of the new fieldwork since 2002 it was also necessary to start a reassessment of the previous excavations since 1900. In combination with modern scientific analyses, this is opening up completely new possibilities for a more comprehensive understanding of the development and purpose of this early medieval trading and manufacturing centre.

### Biography

Dr. Volker Hilberg, archaeologist, studied prehistoric and medieval archaeology, historical auxiliary sciences (numismatics, diplomatics, palaeography) and medieval history, graduate of Marburg University, 2001 ph.d. on the Migration Period in the Mazurian lakeland, Poland.

Since 2002 responsible for the field research in Hedeby which consists of geophysical surveying, metal-detecting and excavations, since 2004 also responsible for the museum's archive, since 2015 for the medieval collection.

Since 2003 teaching appointments at the universities of Kiel (D), Aarhus (DK) and Brno (CZ).

Member of the „Internationales Sachsensymposium“, of the commission „Kommission zur Erforschung von Sammlungen archäologischer Funde und Unterlagen aus dem nordöstlichen Mitteleuropa“ (Stiftung Preußischer Kulturbesitz zu Berlin and Römisch-Germanische Kommission des Deutschen Archäologischen Instituts and delegate for Schleswig-Holstein in the German Numismatic Commission. From 2009 onwards member of several scientific advisory boards.

Research interests are focused on the archaeology and numismatics of the early Middle Age and the Viking period in Europe, especially in the Northern Sea Area and the Baltic.

### Phytolith Analysis in Neotropical Paleoeology

by **Dolores R. Piperno**

When: Tuesday 7 September, 18:45 CEST

The past ten years have seen an increase in paleoecological investigations in the Neotropics with phytolith analysis. Terrestrial soils as well as lake sediments have become foci of studies. Research questions involving vegetational and fire history also often address the scale and intensity of past human impacts on forested environments. Associated studies that continue to build modern reference collections of tropical plants are improving the resolution of the data, while making it clearer what phytoliths do and do not document in the past tropical flora. In lake sediment analysis phytoliths and pollen are complementary, each providing information the other does not on vegetational history and source area of the microfossils. In terrestrial soils where pollen often is not preserved, phytoliths provide robust information on many aspects of past forest history and human influences on it.



## Biography

Dolores R. Piperno (PhD 1983, Temple University) is Senior Scientist and Curator of Archaeobotany and South America Archaeology Emerita at the National Museum of Natural History, Washington DC, and the Smithsonian Tropical Research Institute, Panama. Her current projects include the investigation of prehistoric influences on Amazonian tropical forests and role of developmental plasticity in crop plant evolution. She is the author or editor of four books and more than 100 articles and was elected to the National Academy of Sciences and American Academy of Arts and Sciences in 2005.

## Untying the bundle: Neolithic cultural traits seen from a global (forager) perspective

### by Henny Piezonka

**When: Opening Ceremony, Wednesday 8 September, 18:30 CEST)**

In linear models of European prehistory, the Neolithic figures as one of the main periods defined. Underlying dualist concepts rooted in the modern "Global North" backgrounds of most researchers distinguish between an inanimate nature, and human societies at who's disposal nature is to exploit. In such a mindset, the transition to farming is perceived as a major evolutionary step, often named the "Neolithic" or "agricultural revolution". It is the farming economy that is regarded foundational to everything complex across the socio-political, economic and ideological spheres, from sedentary life ways to hierarchical society structure to hereditary leadership.

In my talk I will discuss alternative views on socio-economic dynamism, exploring the field from a hunter-gatherer perspective. Concerning "Neolithisation", hunter-gatherers in a way have remained "people without history", although it was actually them who were the driving force behind many of the transformations now regarded as "Neolithic" traits. Discussing evidence of technological innovation, economic intensification and socio-political complexity in hunter-gatherer societies from diverse prehistoric, ethnohistoric and contemporary contexts, I suggest that rather than evolutionist, agr-centric notions of "Neolithisation" as a global horizon, and different mindset is necessary to really grasp the diversity across the historical spectrum as well as underlying more universal patterns. I will argue for the incorporation of alternative ontologies into archaeological inquiry, questioning agr-centric models and striking a blow for the role and agency of hunter-gatherer societies in past and present.

## Biography

Henny Piezonka is Junior Professor for Anthropological Archaeology at Kiel University, Germany. Originally trained in Archaeology, Classics and Art History in Berlin and Glasgow, both her Master thesis and her PhD dissertation were awarded science prizes. As a research associate she worked at Bonn and Greifswald Universities and at the German Archaeological Institute, conducting fieldwork in various regions across Europe, Russia and Mongolia. As Junior Professor in Kiel since 2016, she is one of the PIs of the Cluster of Excellence "ROOTS - Social, Environmental, and Cultural Connectivity in Past Societies" and one of the founding PIs of the Collaborative Research Center 1266 "Scales of Transformation". In research and teaching Piezonka specializes in hunter-gatherer and pastoralist studies across North Eurasia, specifically regarding Neolithisation processes and the development and dispersal of Neolithic traits. Drawing from a broad temporal scope from the Late Glacial to the present, her research explores long-term socio-cultural and economic dynamics connected to diverse life ways in steppe, forest and tundra environments. Her work brings together field-based archaeological research with ethnoarchaeological work amongst contemporary hunter-fisher and herder communities in order to reach diversified, ontologically informed understandings of people and their material world.

## Baltic-Pontic contact space in 4th and 3rd millennium BC

### by Marzena Szmyt

**When: Thursday 9 September, 13:00 CEST**

The topic of the lecture will be some questions from the prehistory of areas situated between two seas: the Baltic in the north-west and the Black in the south-east. The territory in question is located between two big rivers - the Vistula and Dnieper. Despite many essential differences, in the 4th and 3rd millennium BC the areas between the Vistula and Dnieper rivers were covered by a network of multi-directional circulation of peoples, cultural patterns and innovations. This network gradually commanded an increasingly greater area populated by communities of agrarian or early pastoral way of life. Various forms of their relations



have been identified including cohabitation, cooperation or competition. The intensity of these relationships justifies using the name Baltic-Pontic contact space.

## Biography

Marzena Szmyt is prehistorian, professor at the Faculty of Archaeology, Adam Mickiewicz University and director of the Archaeological Museum in Poznań, Poland. Her archaeological studies are focused on 4th and 3rd mill. BC in Central and Eastern Europe, i.e. on the millennia when many important social ideas, technical innovations and cultural changes have been created. The main topic of her studies is a wide communication network known the so called Globular Amphora culture. Area of her studies developed in three steps. First it was a settlement agglomeration of the Kujawy - a region on the Polish Lowland where she excavated many sites. Later she extended her interests and studied the problem of the East European direction of spread of the Central European cultural patterns. On the next step she focused on relationships between Central and Eastern Europe in the 4th and 3rd mill. BC. Her research applies archaeological, geoarchaeological and bioarchaeological methods to reconstruct past social and economic organization and their environmental consequences.

## Interactions between climate change, natural ecosystems and disturbance regimes, and anthropogenic activities during the Holocene

### by Sandy Harrison

**When: Thursday 9 September, 18:45 CEST**

Transformations of natural ecosystems by humans began with the shift from hunting and gathering to cultivation during the Mesolithic and Neolithic periods. These impacts increased as populations expanded during the Holocene up to the present day. However, the Holocene has also witnessed climate-driven changes in vegetation and in fire regimes, and these climate and environmental changes would necessarily have impacted the resource base for humans. It is important to be able to separate natural and anthropogenic influences on ecosystems and ecosystem disturbances at a regional level. Furthermore, while many factors underpin the growth and spread of agriculture, the role of climate and climate variability on the timing of the transition remains relatively unexplored. The degree to which anthropogenic changes in land use and land cover (LULC) during the pre-industrial Holocene affected global climate is controversial, and the impact of LULC changes on climate at a regional scale is also uncertain.

Several recent developments make it possible to address these issues more systematically. New statistical tools have been developed that provide independent and robust quantitative reconstructions of past changes in climate, vegetation and fire regimes through the Holocene. These reconstructions can be compared with evidence for population growth and/or agricultural practices at a regional scale both to isolate human and natural impacts on ecosystems and disturbance regimes and to examine the potential impacts of climate and environmental changes on human activities. The development of process-based models provides an alternative way of examining climate impacts on natural vegetation and disturbance regimes, as well as on agriculture. Light-use efficiency (LUE) gross primary production models, for example, have been applied to simulate the impact of climate, climate variability, changes in atmospheric CO2 levels on vegetation, and of these environmental constraints and changing agricultural practices on agricultural yields through time.

This talk will illustrate how various statistical and model-based approaches can and are being used to explore the interactions of climate, environment and people during the Holocene, focusing on ongoing work in the circum-Mediterranean region. It will also explore future opportunities to use these tools to address key questions of relevance to the archaeological community.

## Biography

Sandy P. Harrison is Professor in Global Palaeoclimates and Biogeochemical Cycles in the School of Archaeology, Geography and Environmental Science (SAGES), University of Reading, Co-Director of the Leverhulme Centre for Wildfires, Environment and Society, and a Distinguished Visiting Professor at Tsinghua University, Beijing, China. Sandy's research focuses on the interaction of climate and the terrestrial biosphere, in the geologic past and the present, using models and data analysis. She has extensive experience in large-scale palaeoenvironmental data synthesis, the development of quantitative climate and environmental reconstructions, and the application of palaeodata for climate model evaluation and benchmarking. She also works on the development of process-based models of the terrestrial biosphere, most recently on the development of models based on eco-evolutionary optimality theory, to predict the impact of climate changes on vegetation, disturbance and land-atmosphere exchanges, and their feedbacks to the climate system.



## 30 Years of Contemporary Archaeology: Gains in Knowledge - Challenges - Opportunities and Future Tasks

by **Claudia Theune**

When: Friday 10 September, 13:00 CEST

For about 30 years, sites of the 20th century have been archaeologically investigated in Europe and further afield. The starting point, and without doubt a strong focus, are the investigations at sites of National Socialist terror. Initially focused on Germany and Poland, internment camps were soon investigated in numerous other countries around the world, exposing the structures lying beneath the grassy surface, and recovering countless small and large objects. It became clear quickly that new insights into the world of the camps, the killing and the struggle to survive, could be gained from the close study of the material remains. Such insight could not be obtained from other sources. The excavations conducted have also brought significant challenges due in no small measure to the vast quantities of artefacts. It is a struggle to archive such material in museums and research facilities. It is also testing to address conservation and restoration. These matters require enormous effort. However, our awakening to the archaeology of our more recent past offers the opportunity to deal not only with conflicts of the 20th century, but also to look at numerous other aspects of life during this recent past and to pose questions and use the strengths of archaeological methods to realise new insights.

### Biography

Claudia Theune, studies at the Philipps-Universität Marburg (1979-1988; PhD 1988), project assistant (1989-1994), post-doctoral assistant at the Humboldt-Universität zu Berlin (1994-2000; habilitation 2001), senior assistant at the Humboldt-Universität zu Berlin (2001-2006), since 2007 professor of historical archaeology at the University of Vienna. Main research areas: conflict archaeology 20th century; coping strategies in extreme situations; internment camps; settlements and living conditions in marginal environments in the Middle Ages and modern times.

### New Perspectives on the evolution of Homo sapiens

by **Eleanor Scerri**

When: Saturday 11 September, 13:00 CEST

When did humans become behaviourally, biologically, and ecologically 'modern', and how can the ancestry of contemporary humans around the globe be traced into the deep past? These four aspects are central to debates on human evolution, and yet represent distinctive processes that are surprisingly weakly related. In this talk, current understanding of these processes and their interrelationships are reviewed, revealing a temporally, geographically, and ecologically expansive origins story. From deserts to rainforests, the human evolutionary process between ~300 and 60 thousand years ago was pan-African, fragmented, and at times also involved parts of Southwest Asia. The emerging picture of a structured, metapopulation origin for our species bypasses inflexible definitions and problematic epistemologies to understand evolutionary processes that are both continuous and complex. While a number of evolutionary scenarios are consistent with the available data, a single African birthplace for our species can no longer be supported, leading to new questions and research avenues.

### Biography

Eleanor Scerri is the W2 head of the "Lise Meitner" Pan-African Research Group, an independent research group at the Max Planck Institute for the Science of Human History in Jena, Germany. Her interdisciplinary work focuses on early Homo sapiens demography and its cultural and ecological legacies and feedbacks. She is currently running a major fieldwork programme across a West African transect to elucidate human evolutionary processes in this understudied region. In addition to this, she has also established a fieldwork programme on Malta that is investigating climate change and the Deep Anthropocene from the perspective of an 'island laboratory'. Her research interests also include methods development, with a particular focus on machine learning. She has authored over 50 scientific papers as well as writing regular popular science contributions. Eleanor is also an Associate Professor in Archaeology at the University of Malta and a Faculty Member of the Institute of Prehistoric Archaeology at the University of Cologne.



## Building collections

by **Mads Kähler Holst**

When: Saturday 11 September, 18:45 CEST

Collections are central to archaeology. They offer a long-term maintenance of key parts of our source material, and they provide authenticity for our mediation of the past.

Once the collections were first and foremost compilations of objects, and the quality of the collection was determined by rarity, quantity and variation. Over time the context and relations of the objects obtained increasing significance. Consequently, the process of acquisition became central to the quality of the collections, and the value could be enhanced with subsequent research and analyses.

In principle, this should have made collection building an integrated part of a more general archaeological research process. However, it is questionable if this the case in practice. There is often an institutional separation of the collection management and the acquisition of the objects with research projects having their own specific acquisition strategies and the developer-led archaeology relying on an essentially inductive acquisition premise. Furthermore, collection building is an inherent slow endeavour, which contrasts the rapidly changing research agendas in academia. It seems that even if institutions have well-developed collection strategies, these structural challenges are often so strong, that they tend to make the collections act as repositories for various external agendas.

In the presentation, I would like to discuss some of these challenges, the potentials of building new forms of collections and their role in the archaeological research process. I will primarily rely on examples from Denmark and particularly from our work at Moesgaard Museum with Iron Age wetland finds and Mesolithic submerged sites.

### Biography

Mads Kähler Holst is director of Moesgaard Museum in Denmark (since 2016), honorary professor of archaeology at Aarhus University, and president of the Danish Academy in Rome. He is educated in Prehistoric Archaeology at Aarhus University with a prize dissertation on the Bronze Age burial mound tradition from 2000 and a Ph.D. dissertation on social organisation and inheritance in Iron Age villages, from 2004. Besides the Scandinavian Bronze and Iron Ages his main research interests are within archaeological methods. He has directed several large-scale archaeological excavation projects including several Bronze Age burial mound excavations, the Viking Age Unesco world heritage site of Jelling, and most recently the 1st century AD wetland deposition of a several hundred individuals large army at Alken in Eastern Jutland. He is a Fellow of the Society Antiquaries, London, Member of the Royal Danish Academy of Sciences and Letters and Board Member of the Royal Danish Society of Geography.





# LEADING RESEARCH IN EUROPEAN ARCHAEOLOGY

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the European  
Association of  
Archaeologists

## Software

The Annual Meeting is organised as an online event. Hopin software platform is used for the virtual experience. These are the most important steps to follow to ensure your smooth participation:

- You will receive a link for the event in your email (the one you use as contact email in the membership profile), please check your spam folder before end August.
- Check your **internet connection**. You may test your stream quality (video, audio) here: <https://app.hopin.com/precall>
- Use **Chrome browser**, preferably the latest version. [Other browsers](#) may have limited functionalities.
- Use headphones and microphone when presenting to eliminate echo and background noise.
- **Turn off your microphone and camera when you are on screen and not talking.**
- If the connection is unstable, turn off your camera also when talking.
- Close as many apps as possible - open only Hopin and the presentation / video you are sharing.
- We will provide a test environment before the event, so you can test everything is working before presenting.

## Annual Meeting Guidelines

The guidelines below will help you navigate the Annual Meeting:

- Set up your Hopin account: You will have received an email from "European Association of Archaeologists" titled "Invitation to attend the EAA 2021 Annual Meeting" with a link to register for the event **before 16 August** - please click the button „Accept Registration“. In case you have not received the email, please search your spam folder first before contacting EAA staff at [helpdesk@e-a-a.org](mailto:helpdesk@e-a-a.org).
- Only current (2021) EAA members who have registered for the event are able to access the Annual Meeting. Please email EAA at [helpdesk@e-a-a.org](mailto:helpdesk@e-a-a.org) if you need any assistance with renewing your membership / registering at <https://www.e-a-a.org/>.
- In case you are session organiser / main author, please test your internet connection, camera and microphone in a test environment between 30 August and 4 September, outside the actual Annual Meeting event. We recommend to use headphones to keep the background noise low.
- Please check software recommendations at [www.e-a-a.org/ea2021/software](https://www.e-a-a.org/ea2021/software).
- Hopin is available also as a mobile app for attendees, with limited functionality however (mobile devices users can view the stage, sessions, Fair, chat, and use the networking features). Please do not use mobile devices to present your contribution.
- Once you register for the event and the event is open (7 - 11 September), you will see the Reception area - this is a virtual venue „lobby“ and information hub where you find e.g. the upcoming events schedule, the event chat, polls, people tabs etc. The other areas (segments) of the virtual event are on the left side panel: Stage, Sessions, Networking, and Fair.
- You may wish to use the EAA repository to search the entire programme of the Annual Meeting: [www.e-a-a.org/ea2021/repository](https://www.e-a-a.org/ea2021/repository) or check [www.e-a-a.org/ea2021/scientificprogramme](https://www.e-a-a.org/ea2021/scientificprogramme) for other relevant information.

## Stage

The stage will feature the most important, one-to-many events, such as Opening Ceremony (8 September), keynote lectures (7 - 11 September), and virtual excursions. Presentations taking place on stage are included in the events schedule; when there is no live event on stage, range of pre-recorded videos may play.

## Sessions

- When it is time for your session, head to the "Sessions" tab and find the session you are interested in. The session will be visible 15 minutes before the start.
- When you go to a session, there are two modes, active participating (session organisers, presenters, discussants) and viewing as audience.
- Session organisers open the session in their role of moderators (assisted by volunteers) and allow participants to present. The number of participants on the screen is limited (shared screen counts as a separate participant). Up to 10 people can participate in a session with their camera on, and up to 500 people can watch off-camera and interact via the session chat and Q&A. It is recommended that the number of people on screen (sharing their video and audio) is kept below 10 to ensure smooth broadcast.

- Click “Share Audio and Video” (session organiser) or “Ask to Share Audio and Video” (author / audience) when it is your turn to present the contribution, or session organiser invites audience to join the session for the live discussion. The moderator will let you in as relevant.
- If you haven’t allowed access to your camera or mic in the event, you will be prompted to do so at this time.
- Once you see yourself on screen, you’re live to your audience.
- In order to share your PowerPoint presentation, follow these steps (<https://support.hopin.to/en/articles/3945028-sharing-your-powerpoint>) in Google Chrome to share your slides in the „reading mode“ in a way that you can see both the Hopin event page and your slides at the same time. Firefox unfortunately currently only lets you share in full-screen and does not have this option. Alternatively, if your version of PowerPoint does not allow you to use „reading mode“, save your .ppt as pdf.
- **We do encourage authors to add watermark, copyright and/or disclaimer to each slide of the presentation.**
- In case you know your internet connection is weak, you may consider to record your presentation in advance and send it to the session organisers in advance in order for them to play it for you. Alternatively, you may ask EAA Secretariat to upload the presentation to EAA YouTube channel (please note that this can be done only prior to the Annual Meeting).
- Each session has its own group chat, separate from the event-wide chat. As a viewer, you can interact with the people who are in the session via chat using the Session chat. Please use the session chat to comment and engage with people on-camera when you do not want to be on-camera yourself. You can also use Q&A feature for asking questions regarding the presentations.

### Recording

If the session is recorded (upon request by session organisers), recording will start at the moment when the moderator opens the session. The recording is automatically restarted after two hours. In case you do not wish your presentation to be recorded, please alert the session organiser before the session starts. The recordings will be processed and available at EAA YouTube channel after the Annual Meeting, following consent by authors.

### Poster presentations

Posters should be prepared in a pdf format containing images and short texts, max. size is 12 MB. Authors of posters are asked to upload their poster in advance of the event in the EAA repository, and may be invited to present it shortly within the session in which the poster has been accepted, please liaise with your session organisers regarding this. The poster will be posted in the session “room”. Attendance of the author is required and provides an opportunity to answer questions, provide additional information and follow up on points made by your audience.

### Networking

Networking recreates the “coffee-in-the-lobby” conversations or watercooler chats that are important at an in-person event. You are matched randomly with a conversation partner (only once with the same person); you can choose whether or not you would like to stay in contact and exchange contact information. If both parties selected “Connect”, after the event the newly made contacts will appear at <https://hopin.to/account/connections> page of your personal Profile, and you can follow up with them (LinkedIn, Twitter, Email). You can also choose ‘Unmatch’ to lose the connection. If neither person or only one person selects “Connect”, a connection will not be made, and you will not be able to follow up with that person through Hopin.

If you look for a concrete person, you may search the “People” tab in the right hand side panel. You can either send messages or interact via private videochat. You can also schedule small group meetings of up to 5 participants.

### Fair

European Archaeology Fair is the virtual exhibition hall with exhibitor stands. Every stand can have either a pre-recorded video in it (play on demand upon clicking the play button), google slide presentation or a live session with the booth representative “manning” the booth. In order to interact with the exhibitor, you can either use the live session or booth chat, or you may leave your contact details for a later feedback. Please keep an eye on discounts that some exhibitors may have prepared for attendees!

EAA Helpdesk and EAA staff members, who can answer most frequent questions, are to be found in the Fair, or in the event chat.

## How to Read the Scientific Programme

The scientific part of the Annual Meeting takes place from Tuesday 7 September to Saturday 11 September. Each lecture day consists of four 2-hours session blocks separated by lunch break (90 minutes) and ends with the keynote lectures / Annual Membership Business Meeting (AMBM). Only on Wednesday, when Opening Ceremony is scheduled, there are only three 2-hours session blocks.

- Session block 1: 09:00 – 11:00 CEST
- Session block 2: 11:00 – 13:00 CEST
- Lunch break: 13:00 – 14:30 CEST
- Session block 3: 14:30 – 16:30 CEST
- Session block 4: 16:30 – 18:30 CEST
- Keynote lectures / AMBM 13:00 - 14:00 and 18:45 – 20:00 CEST

You can download the Abstract Book and the scientific programme at [www.e-a-a.org/ea2021/scientificprogramme](http://www.e-a-a.org/ea2021/scientificprogramme). However, we ask session organisers to keep the time of scheduled presentations, please note that the running order may be altered due to technical difficulties of presenters. Breaks can be introduced as relevant.

**Note: We use CEST - Central European Summer Time (Prague, Czech republic) for any purposes of the Annual Meeting materials. The Hopin software will however show the time according to your browser’s setup.**

### Filming and Photographing

It is forbidden to film sessions, the Annual Membership Business Meeting and other official occasions without the permission of the EAA. The EAA and/or the Organising Committee will secure filming facilities for selected sessions and the Opening Ceremony to be broadcast / streamed. Session organisers will be approached by EAA staff and offered this facility when available and informed about the selection criteria. Authors will be asked for consent before the recordings are released publicly after the Annual Meeting.

Please note that authors might oppose taking screenshots / photos of their presentation. **We do encourage authors to add watermark, copyright and/or disclaimer to each slide of the presentation.**

# SESSIONS

## TUESDAY 7 SEPTEMBER

### KEYNOTE LECTURES (18:45 CEST)

- Volker Hilberg: Research in Viking Period Hedeby. From Nazi Investigations to UNESCO World Heritage
- Dolores R. Piperno: IMPR-Phytolith Analysis in Neotropical Paleoecology

| 9:00 - 11:00  | 11:00 - 13:00  | 14:30 - 16:30   | 16:30 - 18:30 CEST  |
|---|--|---|---|
| 5. Understanding Prehistoric Demography   |  |   | 204. Are We Really Strategic? Devising and Implementing Archaeological Strategies |
| 57. A Martial World or a Diverse Community? Gender, Social Stratification and Minorities on Castles                                       |  | 34. Scales of Interaction in the Bronze and Iron Age Central Mediterranean  |   |
| 101. On the Shoulders of Prometheus: International Collaboration and the Archaeology of the South Caucasus                                |  | 130. BIG-BIO: Opportunities and Challenges of BIG Data with a Focus on BIO-Archaeology  |   |
| 111. Preserving Transformative 'Palimpsests': The Role of Digital Heritage and Participative Approaches in Current Urban Archaeology      | 22. A United Europe of Things 2. Large Scale and Local Networks of Differences and Similarities in Medieval Material Culture |   |   |
| 116. The Archaeology of Magyar Raids in Western and Eastern Europe  |  |   | 260. Probatio Diabolica: Absence of Evidence Is Not Evidence of Absence           |
| 119. On Class, Elitism, and Poverty: Archaeology and Social Class   |  | 165. People Power? Past, Present and Future for Public Participation in Archaeological Fieldwork                                  |   |
| 179. The Geoarchaeology and Sustainability of Cultivation Terraces and Lynchets in Europe   |  |   |   |
| 217. Prehistoric Landscapes under the Bog: Tracing Cultural Responses to Environmental Change   |  | 188. Beast and Human: Northern Europe, from the Bronze Age to Modern Times  |   |
| 232. Swords to Ploughshares - Conciliation as an Alternative to Conflicts. A Diachronic Perspective between Late Neolithic and Viking Age |  | 245. Lost in Translation? - Interplay of Archaeological Theory and Scientific Practice as Key for Modern Archaeological Reasoning |   |
| 259. Mobile Pastoralism, Salt and Cheese. Ethnographic Perspectives on the Spatial Configuration of a Long-Term Mediterranean Triad       |  | 247. Pleistocene Early Weaponry Technologies: A Multifaceted Mosaic of New Evidence and Behaviours [PaM]                          |   |
| 330. The Carpathian Basin as a Melting Pot? Perspectives on Social and Cultural Diversity from the Neolithic to the Bronze Age            |  |   |   |

| 9:00 - 11:00   | 11:00 - 13:00 | 14:30 - 16:30  | 16:30 - 18:30 CEST   |
|--|---------------|--|--|
| <b>337.</b> Deciphering turning points in Human-Environmental Interaction  |               |  | <b>421.</b> Demography in Archaeology beyond Boom and Bust? Critical Examinations of Phases of Under- and Overpopulation |
| <b>346.</b> Mortality, Materiality, and Meaning – Employing Archaeological Material Science for the Reconstruction of Funerary and Ritual Practices              |               | <b>251.</b> IMPR – Phytolith Identification, Classification and Morphometry  |  |
| <b>404.</b> New Technologies, New Theories? Reflections on the Perception and Simulation of Building Environments and Architecture                               |               | <b>268.</b> At the Edge: Liminal Architecture During the Medieval Period or Liminal Architecture: resisting the stereotype   |  |
| <b>415.</b> Northern Eurasia in the Late Pleistocene-Holocene: Periphery or Transit Zone? [PaM]  |               | <b>322.</b> Small-Island Resilience and Vulnerability  |  |
| <b>440.</b> "Touching Objects, Feeling Materials": Material Transformations, Technology and Sensoriality in Ancient Material Culture                             |               |  |  |
| <b>469.</b> Coast Land Contacts – The Southern Baltic Area in Early Historical Times (1 – 600 AD)  |               | <b>341.</b> Wide Horizons - No Limits? Dynamically Formulating the Boundaries of Archaeology   |  |
| <b>473.</b> Cross-Channel Connections: Complementary New Perspectives on Later Medieval Archaeology in France, Belgium, Netherlands, and the British Isles       |               | <b>360.</b> Rock Art Technology: Theoretical and Methodological Approaches. Part 1   |  |
| <b>480.</b> How Much Shape Matters? Approaches in Pottery Studies;   |               | <b>365.</b> "Invisible Products"- Scientific Advancements in Identifying Animal Secondary Products and Their Contribution to Understanding Animal Domestication and Human-Animal Relationships |  |
| <b>491.</b> Untangling Life Cycles in Multi-Functional Domestic Areas: Interdisciplinary Approaches to Analyse Space Use and Transformation in the Mediterranean |               |  | <b>472.</b> EAA Community Climate Change and Heritage' (CCH) Roundtable  |
| <b>513.</b> Producing Power: Exploring the Relationship between Production and Socio-Economic Change in the Mediterranean from the Chalcolithic to the Iron Age  |               |  | <b>492.</b> Scientists, Submitters and Scroungers: Alternative Views on Radiocarbon Dating in Archaeology                |
| <b>549.</b> Ancient Pastoralist Adaptations in the Eurasian Steppe: The Intersection of Biomolecular and Landscape Archaeology                                   |               | <b>438.</b> Tracing Baptism in the Archaeological Record   |  |

| 9:00 - 11:00   | 11:00 - 13:00  | 14:30 - 16:30  | 16:30 - 18:30 CEST |
|--|--|--|--------------------|
| <b>687.</b> Medieval Stone Monuments: The Materiality of Remembrance |  | <b>486.</b> Hunter-Fisher Social Ecology in Forested Environments: Approaching Boreal Naturecultures |                    |
| <b>690.</b> General session: New Methods and results                 |  |  |                    |
|  | <b>171.</b> The Emergence of Social Inequality in Europe and Southwest Asia: From the Later Upper Palaeolithic to the Early Bronze Age |  |                    |
|  | <b>435.</b> Post-medieval Europe and Widening Horizons   | <b>489.</b> Widening Horizons: Sharing Perspectives on Professional Practice in Europe               |                    |
|  | <b>543.</b> Material Minds: Exploring the Interactions between Cultural Artefacts, Material Culture and Embodied Mind                  | <b>520.</b> Integrating all Dimensions: 3D-Applications from Excavation to Research to Dissemination |                    |

## 5 UNDERSTANDING PREHISTORIC DEMOGRAPHY

Time: 9:00 - 16:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Armit, Ian (University of York) - Damm, Charlotte (University of Tromsø) - Črešnar, Matija (University of Ljubljana)

### ABSTRACTS

9:00 INTRODUCTION

9:15 THE COLOGNE PROTOCOL: ESTIMATING PAST POPULATION DENSITIES

Schmidt, Isabell (University of Cologne) - Hilpert, Johanna (Kiel University - CAU) - Kretschmer, Inga (Landesamt für Denkmalpflege Stuttgart) - Peters, Robin (Landschaftsverband Rheinland) - Broich, Manue - Schiesberg, Sara - Vogels, Oliver - Wendt, Karl Peter - Zimmermann, Andreas - Maier, Andreas (University of Cologne)

9:30 DWELLINGS, SETTLEMENT ORGANISATION AND POPULATION FLUCTUATIONS: A MULTI-SCALAR CASE STUDY FROM ARCTIC NORWAY

Damm, Charlotte (Arctic University of Norway)

9:45 EXPLORING LOCAL GEOGRAPHICAL CONDITIONS UNDERPINNING REGIONAL DEMOGRAPHIC CHANGE AMONG HUNTER-FISHER-GATHERERS IN SOUTHWEST COASTAL NORWAY (11,500-4300 CAL BP)

Lundström, Victor - Bergsvik, Knut (University Museum, University of Bergen)

10:00 TERRITORIES, STRATEGIES AND TWO GENERATIONS

Odgaard, Ulla (Independent researcher)

10:15 POPULATION DYNAMICS AND THE EXPANSION OF AGRICULTURE. ASSESSING THE RADIOCARBON GAPS DURING THE NEOLITHIZATION PROCESS IN THE WESTERN MEDITERRANEAN

Cortell-Nicolau, Alfredo (Departament de Prehistòria, Arqueologia i Història Antiga. Universitat de València) - Crema, Enrico (Department of Archaeology, University of Cambridge) - Shennan, Stephen (Institute of Archaeology, University College London) - Rivas, Javier (Department of Economics, University of Bath) - García-Puchol, Oreto (Departament de Prehistòria, Arqueologia i Història Antiga. Universitat de València)

10:30 GENOME-WIDE INVESTIGATION OF THE REGIONAL DIVERSITY OF POPULATION DYNAMICS DURING WEST EUROPEAN MESOLITHIC-NEOLITHIC TRANSITION

Rivollat, Maïté (University of Bordeaux, PACEA, France; Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena)

10:45 DISCUSSION SLOT

11:00 SOCIAL GENOMICS OF THE LBK, INSIGHTS FROM THREE DIFFERENTIATED SITE TYPOLOGIES

Gelabert, Pere (Department of Evolutionary Anthropology, University of Vienna) - Olalde, Iñigo (Institute of Evolutionary Biology - CSIC-UPF, Barcelona) - Ringbauer, Harald (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Genetics, Harvard Medical School) - Teschler-Nicola, Maria (Department of Anthropology, Natural History Museum, Vienna) - Anders, Alexandra (Institute of Archaeological Sciences, Eötvös Loránd University) - Bickle, Penny (Department of Archaeology, University of York) - Hofmann, Daniela (Department of Archaeology, History, Cultural Studies and Religion, University of Bergen) - Pavuk, Juraj (Archäologisches Institut der SAW, Nitra) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Broad Institute of Harvard and MIT; Howard Hughes Medical Institute, Harvard Medical School)

11:15 USING ANCIENT DNA, ISOTOPIC ANALYSIS, RADIOCARBON DATES AND ARCHAEOLOGICAL EVIDENCE FOR (RE)CONSTRUCTING DEMOGRAPHY AND SOCIAL STRUCTURES

Massy, Ken (LMU Munich)

11:30 DEMOGRAPHY AT THE MESO-SCALE: AN INTEGRATION OF LOCALIZED DEMOGRAPHY AND SETTLEMENT PATTERNS IN PREHISTORIC JAPAN

Simmons, Charles - Gjesfjeld, Erik (University of Cambridge) - Kaner, Simon (University of East Anglia; Sainsbury Institute for the Study of Japanese Arts and Cultures; University of Cambridge) - Crema, Enrico (University of Cambridge)

11:45 REGIONAL DEMOGRAPHIC RESPONSES TO THE SPREAD OF RICE FARMING IN JAPAN: NEW INSIGHTS FROM BAYESIAN ANALYSIS OF THE RADIOCARBON RECORD

Crema, Enrico (University of Cambridge) - Shoda, Shinya (University of York; Nara National Research Institute for Cultural Properties)

12:00 HOUSES OR HOUSEHOLDS? A SOCIO-ECONOMIC ANALYSIS OF THE CHALCOLITHIC SETTLEMENT FROM HĂBĂȘEȘTI (IASI COUNTY, ROMANIA)

Balaur, Radu (Alexandru Ioan Cuza University of Iasi, Interdisciplinary Research Institute - Science Department, Arheoinvest Center)

12:15 DEMOGRAPHIC NUANCES OF RADIOCARBON DATING AND DEATH RATES OF THE BRONZE AGE EASTERN CARPATHIAN BASIN

Daróczy, Tibor (Aarhus University, Department of Archaeology & Heritage Studies)

12:30 DISCUSSION SLOT

14:30 PAST POPULATIONS IN SILICO: ADVANCES IN MODELLING ARCHAEOLOGICAL POPULATIONS

Verhagen, Philip (Vrije Universiteit Amsterdam) - Séguy, Isabelle (INED Paris; CEPAM Université de Nice-Côte d'Azur) - Düring, Andreas (IfoS, Munich) - Bertoncello, Frédérique (CEPAM Université de Nice-Côte d'Azur) - Vlach, Marek (Institute of Archaeology, Czech Academy of Sciences) - Angourakis, Andreas (University of Cambridge) - Lane, Justin (Prospectus Research, Kristiansand) - Degioanni, Anna (Université Aix-Marseille) - Pennec, Sophie - Courgeau, Daniel (INED Paris)

14:45 HOW MANY MYCENAEANS DOES IT TAKE TO CHANGE A LIGHT BULB? AGRICULTURAL POTENTIAL AS A METHOD FOR ESTIMATING POPULATION SIZES

Timonen, Riia (Leiden University)

15:00 MIGRATION, MOBILITY AND SOCIAL INTERACTION IN BRONZE AND IRON AGE BRITAIN: INITIAL RESULTS OF THE COMMIOS PROJECT

Armit, Ian - Bleasdale, Madeleine - Büster, Lindsey - Fischer, Claire-Elise (University of York) - Booth, Tom (The Francis Crick Institute) - Patterson, Nick - Isakov, Michael (Harvard University) - Evans, Jane (British Geological Survey) - Hamilton, Derek (SUERC) - Reich, David (Harvard University)

15:15 TRACING POPULATION DYNAMICS IN LATE PREHISTORIC SLOVENIA: HOW TO COMBINE TRADITIONAL AND MODERN SCIENTIFIC DATA AND APPROACHES

Cresnar, Matija (University of Ljubljana) - Armit, Ian (University of York) - Mason, Philip (Institute for the Protection of Cultural Heritage of Slovenia) - Koon, Hannah - Nicholls, Rebecca (University of Bradford) - Leskovar, Tamara (University of Ljubljana) - Snoeck, Christophe (Vrije Universiteit Brussel) - Potočnik, Doris - Ogrič, Nives (Institute Jožef Stefan)

15:30 IDENTITY OF THE MEDITERRANEAN CELTS: LIMITS AND POSSIBILITIES TO STUDY PARTICULAR RITUAL PRACTICES

Pruvost, Melanie (PACEA UMR5199) - Ciesielski, Elsa - Roure, Rejane (UMR 5140 ASM, CNRS, Université Paul Valéry Montpellier 3)

15:45 BUILDING A BIGGER PICTURE: POTENTIAL OF DATA FROM THE MARCOMANNIC SETTLEMENT ZONE OF THE MIDDLE DANUBE REGION IN DEMOGRAPHICAL RESEARCH

Vlach, Marek - Komoróczy, Balázs - Zeliková, Michaela - Sofka, Stanislav (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Smrčka, Václav (Institute for History of Medicine and Foreign Languages, First Faculty of Medicine, Prague)

16:00 DISCUSSION SLOT

## POSTERS

- A. WHEN THE WORLD CHANGED. POPULATION, SETTLEMENT CHANGE AND MAJOR EVENTS  
Torfing, Tobias (Sydvestjysker Museer)

## 22 A UNITED EUROPE OF THINGS 2. LARGE SCALE AND LOCAL NETWORKS OF DIFFERENCES AND SIMILARITIES IN MEDIEVAL MATERIAL CULTURE

Time: 11:00 - 18:30 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague)  
- Lewis, Michael (British Museum; Portable Antiquities Scheme) - Vargha, Mária (Universität Wien, Institut für Geschichte, Digital Humanities)



## ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 LOŠTICE GOBLET IN MEDIEVAL SLAVONIA AS A SYMBOL OF HIGH SOCIAL STATUS  
Tkalcec, Tatjana (Institute of Archaeology, Zagreb) - Procházka, Milan (Department of Archaeology Faculty of Philosophy and Arts, University of West Bohemia in Pilsen)
- 11:30 IMPORT OR IMITATION? – LATE MEDIEVAL GRAPHITE WARE AND ITS INFLUENCE IN TRANSDANUBIA (HUNGARY)  
Kovács, Bianka (Institute of Archaeology, Research Centre for the Humanities; Eötvös Loránd University, Institute of Archaeological Sciences) - Jáky-Bárdi, Bogáta (Eötvös Loránd University, Institute of Archaeological Sciences)
- 11:45 MEDIEVAL WHITE MINIATURE VESSELS FROM THE CZECH LANDS AND CENTRAL EUROPE AND THEIR ENTANGLEMENT IN THE SOCIAL-ECONOMIC NETWORKS  
Capek, Ladislav (Department of Archaeology, University of West Bohemia)
- 12:00 RAM, BULL AND RABBIT – POTTERY AQUAMANILIA FROM UPPER MARIBOR CASTLE  
Jancar, Mojca - Ravnik, Mateja (Independent researcher)
- 12:15 DISCUSSION SLOT
- 12:30 MATERIAL CULTURES AND SOCIAL PRACTICES IN THE ARCHAEOLOGICAL ASSEMBLAGES OF UPPSALA 1100-1550 AD  
Kjellberg, Joakim (Department of Archaeology and Ancient History)
- 12:45 DISCUSSION SLOT
- 14:30 DIFFERENCES AND SIMILARITIES OF MATERIAL CULTURE IN EAST BALTIC AND OSTRIV CEMETERY ARTEFACTS FROM MEDIEVAL PERIOD USING ELECTRON MICROSCOPY  
Saleem, Khurram - Schürmann, Ulrich (Institute of Materials Science and Engineering, CAU, Kiel; ROOTS-Cluster of Excellence, Kiel) - Shiroukhov, Roman (Zentrum für Baltische und Skandinavische Archäologie, Schleswig) - Ivakin, Dr. Vsevolod - Baranov, Vyacheslav (Institute of Archaeology of the National Academy of Science of Ukraine - IS NASU) - Bornheim, Claus von Carnap (Zentrum für Baltische und Skandinavische Archäologie, Schleswig; ROOTS-Cluster of Excellence, Kiel) - Kienle, Lorenz (Institute of Materials Science and Engineering, CAU, Kiel; ROOTS-Cluster of Excellence, Kiel)
- 14:45 “TRIEWE AS STIEL”: KNIFE MANUFACTURING TECHNOLOGY IN NORTHERN EUROPE, 10TH-12TH CENTURIES  
Hall, Mark E. (Black Rock Field Office, Bureau of Land Management)
- 15:00 DISCUSSION SLOT

- 15:15 DISTANT INFLUENCES AND NEAR EXCHANGES: NEW PUBLIC FINDS EVIDENCE FOR FINNISH LATE IRON AGE AND EARLY MEDIEVAL MATERIAL CULTURES  
Oksanen, Eljas (University of Helsinki) - Wessman, Anna (University of Bergen)
- 15:30 LOCAL OR REGIONAL? ELEMENTS OF MEDIEVAL URBAN MATERIAL CULTURE FROM BAIJA MARE (NAGYBÁNYA) AND SATU MARE (SZATMÁRNÉMÉTI)  
Szocs, Peter Levente (County Museum Satu Mare)
- 15:45 WHAT DID A LOST AND FORGOTTEN MEDIEVAL SETTLEMENT IN THE MIDDLE OF THE POMERANIAN FOREST HAVE IN COMMON WITH LONDON?  
Sikora, Jerzy (Institute of Archaeology University of Lodz)
- 16:00 SMALL BUT OR PERIPHERAL? MATERIAL CULTURE OF MINOR TOWNS OF POMERELIA IN THE PERIOD OF HANSE DOMINATION  
Starski, Michal (Faculty of Archaeology University of Warsaw)
- 16:15 DISCUSSION SLOT
- 16:30 THERE'S SOMETHING ABOUT MARY: THE ROLE OF THE VIRGIN MARY IN THE MATERIAL CULTURE OF MEDIEVAL HUNGARY  
Stark, Karen (Central European University)
- 16:45 UNITED WE PLAY, UNITED WE PRAY? LOOKING FOR CONNECTED NETWORKS OF MEDIEVAL PLAY AND SUPERNATURAL ENGAGEMENT  
Hall, Mark (Perth Museum, Scotland)
- 17:00 A UNITED EUROPE OF INSCRIPTIONS (ON MEDIEVAL DRESS ACCESSORIES)?  
Lewis, Michael (British Museum)
- 17:15 DISCUSSION SLOT
- 17:30 MATERIAL CULTURE MADE ACCESSIBLE: 'MEDIEVAL METAL' FROM URBAN EXCAVATIONS IN FLANDERS (BELGIUM)  
Deckers, Pieterjan (Vrije Universiteit Brussel, Maritime Cultures Research Institute - MARI)
- 17:45 WHAT TO (NOT) EXPECT OF MEDIEVAL DRESS ACCESSORIES. COMPARISON OF ASSEMBLAGES FROM WROCLAW AND PRAGUE  
Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague)
- 18:00 DISCUSSION SLOT

## 34 SCALES OF INTERACTION IN THE BRONZE AND IRON AGE CENTRAL MEDITERRANEAN

Time: 14:30 - 18:00 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Holt, Emily (Cardiff University) - Schirru, Davide (Università degli Studi di Roma "La Sapienza")

## ABSTRACTS

- 14:30 FROM THE ATLANTIC TO THE MEDITERRANEAN AND BACK: SARDINIA, IBERIA AND THE TRANSFER OF KNOWLEDGE IN BRONZE AGE NETWORKS  
Araque, Ralph (University of Freiburg)
- 14:45 MULTI-PARAMETER ANALYSIS OF NURAGIC BRONZETTI: ON THE TRAIL OF METAL-DRIVEN TRADING NETWORKS IN THE FINAL BRONZE AND EARLY IRON AGE  
Berger, Daniel (Curt-Engelhorn-Zentrum Archäometrie Mannheim) - Matta, Valentina (Graduate School of Arts, Aarhus University) - Nørgaard, Heide (Moesgaard Museum) - Salis, Gianfranca (Soprintendenza Archeologia, belle arti e paesaggio per la città metropolitana di Cagliari e le province di Oristano e Sud Sardegna) - Vandkilde, Helle (School of Culture and Society, Aarhus University)

- 15:00 **SARDINIA AND ITS ROLE IN THE GLOBALIZED INTERNATIONALIZATION OF MEDITERRANEAN CULTURES**  
Pisanu, Laura - Hitchcock, Louise (University of Melbourne)
- 15:15 **APPROACHING INTERACTION IN IRON AGE SARDINIA: MULTI-SCALAR SURVEY EVIDENCE FROM THE SINIS ARCHAEOLOGICAL PROJECT**  
Gosner, Linda (Texas Tech University) - Nowlin, Jessica (University of Texas at San Antonio)
- 15:30 **DYNAMIC SOCIAL NETWORKS ACROSS THE LANDSCAPE. A PETROGRAPHIC STUDY OF BRONZE AGE CERAMICS IN THE MARMILLA REGION, SOUTH-CENTRAL SARDINIA, ITALY**  
Gradoli, Maria Giuseppina (COMET S.a.s. Cagliari)
- 15:45 **CHANGING INTERSECTIONS AND INTERACTIONS IN NURAGIC SOCIETY: A NEW ASSESSMENT OF THE DYNAMICS IN SÀRRALA, EASTERN SARDINIA**  
Lai, Luca (University of North Carolina at Charlotte)
- 16:00 **LOCAL AND REGIONAL MOBILITY IN AN EARLY NURAGIC COMMUNITY: STRONTIUM MAPPING CENTRAL SARDINIA**  
Holt, Emily (Cardiff University) - Schirru, Davide (Università degli Studi di Roma "La Sapienza") - Madgwick, Richard (Cardiff University)
- 16:15 **DISCUSSION SLOT**
- 16:30 **CENTRAL MEDITERRANEAN INTERACTIONS IN THE LATE BRONZE AGE SEEN FROM CANNATELLO HUT 2 (SICILY)**  
Vanzetti, Alessandro (University of Rome "La Sapienza") - Levi, Sara (Hunter College) - Castagna, Maria Antonietta (Independent Researcher) - Day, Peter (Sheffield University) - Di Renzoni, Andrea (CNR - ISPC, Rome) - Cannavò, Valentina (University of Modena & Reggio Emilia) - Porta, Francesca (Independent Researcher) - Talotta, Natalia (University of Rome "La Sapienza") - Gulli, Domenica (Soprintendenza BBCCAA, Agrigento)
- 16:45 **WHAT THE DEAD SEE: EXAMINING THE SOCIAL IMPLICATIONS OF FUNERARY AND SETTLEMENT POSITIONS IN BRONZE AND IRON AGE WESTERN SICILY**  
Ferrer-Martín, Meritxell (Universitat Pompeu Fabra) - Sevara, Christopher (University of Newcastle)
- 17:00 **PAST INSULARITIES: INTERREGIONAL INTERACTIONS IN BRONZE- AND IRON-AGE PANTELLERIA**  
Schön, Frerich - Cespa, Stefano (University of Tuebingen) - Magri, Alessandra (Università di Bologna)
- 17:15 **DISCUSSION SLOT**

## 57 **A MARTIAL WORLD OR A DIVERSE COMMUNITY? GENDER, SOCIAL STRATIFICATION AND MINORITIES ON CASTLES**

Time: 9:00 - 12:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Atzbach, Rainer (Aarhus University) - Blach, Markus (Niedersächsisches Landesamt für Denkmalpflege) - Theune, Claudia (University of Vienna)



### ABSTRACTS

- 9:00 **INTRODUCTION**  
Atzbach, Rainer (School for Culture and Society, Aarhus University)
- 9:15 **THE MARKERS OF JEWISH PRESENCE BASED ON THE RESULTS OF ARCHAEOLOGICAL EXCAVATIONS IN THE CASTLE OF LORCA (SPAIN)**  
Eiroa, Jorge (Departamento de Prehistoria, Arqueología, Universidad de Murcia) - Martínez Rodríguez, Andrés (Museo Arqueológico Municipal de Lorca) - González Ballesteros, José - Celma Martínez, Mireia (Professional Archaeologist) - Molina Campuzano, Isabel (University of Murcia)

- 9:30 **SOCIAL DYNAMICS AND MINORITIES IN THE CASTLE OF MOLINA DE ARAGÓN (GUADALAJARA): AN APPROACH THROUGH ARCHAOMETALLURGY AND ZOOARCHAEOLOGY**  
Hernández-Casas, Yaiza (University of Granada) - García-García, Marcos (University of York) - Murillo-Barroso, Mercedes - García-Contreras Ruiz, Guillermo (University of Granada) - Banerjee, Rowena Y. (University of Reading) - Ros, Jérôme (Centre National de la Recherche Scientifique) - Mattei, Luca (University of Granada) - Brown, Alex D. (Wessex Archaeology) - Alexander, Michelle (University of York) - Pluskowski, Aleks G. (University of Reading)
- 9:45 **SINGING ARROWS –NON-NATIVE SOLDIER IDENTIFICATION INDICATOR ON THE EASTERN SHORE OF THE BALTIC SEA**  
Blaževicius, Povilas (National Museum of Lithuania)
- 10:00 **DISCUSSION SLOT**
- 10:15 **A SPECIAL GROUP OF INHABITANTS: VILLAGERS AND THEIR DEAD WITHIN THE CASTLE WALLS**  
Nagy, Szabolcs (Eötvös Loránd University)
- 10:30 **ROYAL PALACES (10TH/11TH CENT.) IN LOWER SAXONY - STUDIES ON ARCHITECTURE, INTERNAL STRUCTURE AND INTEGRATION INTO THE LANDSCAPE**  
Blach, Markus C. (Lower Saxony, State Service for Heritage Management)
- 10:45 **WHO USES WHAT? ARTEFACTS AND CASTLE INHABITANTS**  
Krauskopf, Christof (Brandenburg Authorities for Heritage Management and Archaeological State Museum)
- 11:00 **DISCUSSION SLOT**

## 101 **ON THE SHOULDERS OF PROMETHEUS: INTERNATIONAL COLLABORATION AND THE ARCHAEOLOGY OF THE SOUTH CAUCASUS**

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 7. From global to local: Baltic-Pontic studies

Format: Regular session

Organisers: Everill, Paul (University of Winchester) - Intagliata, Emanuele (Aarhus University)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **REMAINS OF ANCIENT WINEMAKING FROM KVEMO KARTLI AND KUTAISI (GEORGIA)**  
Hamburg, Jacek (Krukowski Polish-Georgian Interdisciplinary Research Center) - Jalabadze, Mindia (Georgian National Museum) - Isakadze, Roland (Georgian National Museum; National Agency For Cultural Heritage Preservation of Georgia, Kutaisi Historical Architectural Museum - Reserve; Akaki Tsereteli State University)
- 9:30 **THE IMPORTANCE OF ARMENIAN GOLD FOR CULTURAL DEVELOPMENT IN BRONZE AGE CAUCASIA**  
Kunze, Rene (Martin-Luther-University Halle-Wittenberg)
- 9:45 **THE EAST GEORGIAN SANCTUARIES OF THE LATE BRONZE AND EARLY IRON AGES**  
Arnhold, Simone - Blocher, Felix (Martin-Luther-Universität Halle-Wittenberg) - Bukhrashvili, Paata (Ilia State University, Tbilisi) - Davitashvili, Shorena (Martin-Luther-Universität Halle-Wittenberg; Ilia State University, Tbilisi)
- 10:00 **PRESSING CONCERNS: MISSING URARTIAN WINE PRESSING EQUIPMENT**  
Newson, Victoria (University of Sheffield)
- 10:15 **NOKALAKEVI-ARCHAEOPOLIS: TWENTY YEARS OF ANGLO-GEORGIAN COLLABORATION**  
Everill, Paul (University of Winchester) - Murgulia, Nikoloz (Georgian National Museum) - Lomitashvili, Davit (National Agency for Cultural Heritage Preservation of Georgia) - Colvin, Ian (University of Cambridge) - Lortkipanidze, Besik (Georgian National Museum)
- 10:30 **DISCUSSION SLOT**

- 11:00 NEW FINDINGS ON THE PELTA-SHAPE ORNAMENTS FOUND ON THE ROMAN LAMPS DISCOVERED DURING POLISH-GEORGIAN EXPEDITION IN ASPAROS (GONIO, GEORGIA)  
Jaworska, Maria (University of Warsaw)
- 11:15 EARLY CHRISTIAN (4TH-6TH CENTURIES AD) MONUMENTS OF THE KINGDOM OF LAZIKA, WEST GEORGIA  
Murgulia, Nikoloz (Georgian National Museum) - Lomitashvili, Davit (Georgian National Museum; National Agency for Cultural Heritage Preservation of Georgia) - Lortkipanidze, Besik (Georgian National Museum)
- 11:30 PRAYING AT THE FOOT OF THE GREATER CAUCASUS. PRELIMINARY RESULTS OF THE EXCAVATIONS AT MACHKHOMERI (KHOBİ MUNICIPALITY, WESTERN GEORGIA)  
Intagliata, Emanuele (Centre for Urban Network Evolutions, Aarhus University) - Papuashvili, Revaz (Georgian National Museum) - Naskidashvili, Davit (Ivane Javakhsishvili Tbilisi State University) - Chitaia, Gogita (Khobi Municipality)
- 11:45 SAMSHVILDE - UNTAPPED ARCHAEOLOGICAL SITE IN GEORGIA (SOUTH CAUCASUS)  
Berikashvili, Prof. David (the University of Georgia)
- 12:00 DISCUSSION SLOT

## 111 PRESERVING TRANSFORMATIVE 'PALIMPSESTS': THE ROLE OF DIGITAL HERITAGE AND PARTICIPATIVE APPROACHES IN CURRENT URBAN ARCHAEOLOGY

Time: 9:00 - 11:00 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Guttormsen, Torgrim (Norwegian Institute for Cultural Heritage Research. NIKU) - Pastor Perez, Ana (University of Barcelona) - Guzman, Paloma (Norwegian Institute for Cultural Heritage Research. NIKU) - Fouseki, Kalliopi (UCL - University College London, Institute for Sustainable Heritage) - Bonacchi, Chiara (University of Stirling)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 BORN-DIGITAL, DIGITISED AND 'ANALOGUE' METHODS TO ASSESS THE SOCIAL VALUES OF URBAN HERITAGE  
Bonacchi, Chiara - Jones, Sian (University of Stirling)
- 9:30 TO KEEP OR NOT TO KEEP: PUBLIC ART DOCUMENTATION AND THE ARCHIVAL MEMORY  
Xiradakis, Polyna (University of the Aegean; Urban Layers) - Kyriakopoulou, Emmanouela (National and Kapodistrian University of Athens; Urban Layers)
- 9:45 UNPACKING PARTICIPATION IN BARCELONA  
Pastor Pérez, Ana (University of Barcelona; Group of Public Archaeology and Heritage) - Castillo Mena, Alicia (Complutense University of Madrid) - Díaz-Andreu, Margarita (Catalan Institution for Research and Advanced Studies - ICREA; University of Barcelona)
- 10:00 DISCUSSION SLOT

## 116 THE ARCHAEOLOGY OF MAGYAR RAIDS IN WESTERN AND EASTERN EUROPE

Time: 9:00 - 16:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Lemm, Thorsten (Centre for Baltic and Scandinavian Archaeology, Stiftung Schleswig-Holsteinische Landesmuseen) - Hedenstierna-Jonson, Charlotte (Department of Archaeology and Ancient History, Uppsala University) - Katona, Csete (Department of Medieval Studies, Central European University) - Kalmring, Sven (Centre for Baltic and Scandinavian Archaeology, Stiftung Schleswig-Holsteinische Landesmuseen)



### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 THE TENTH-CENTURY MAGYAR MILITARY CAMPAIGNS AND THEIR ARCHAEOLOGICAL LEGACY  
Langó, Péter (Research Centre for the Humanities, Budapest; Pázmány Péter Catholic University) - Bácsatyai, Dániel (Research Centre for the Humanities, Budapest) - Bede, Ilona (Sorbonne, Archaeology Department)
- 9:30 ADVERSARIES OF THE MAGYARS IN THE WEST - RECONSTRUCTING THE OTTONIAN CAVALRY  
Lemm, Thorsten (Centre for Baltic and Scandinavian Archaeology)
- 9:45 SILK AS BOOTY OF THE TENTH-CENTURY MAGYAR RAIDS  
Harangi, Flórián (Pázmány Péter Catholic University, Institute of Archaeology) - Langó, Péter (Pázmány Péter Catholic University, Institute of Archaeology, Budapest; Research Centre for the Humanities, Institute of Archaeology, Budapest) - E. Nagy, Katalin (Independent researcher) - Türk, Attila (Pázmány Péter Catholic University, Institute of Archaeology, Budapest)
- 10:00 DISCUSSION SLOT
- 10:15 ARCHAEOLOGICAL TRACES OF THE MAGYARS IN SLOVENIAN TERRITORY: SMALL FINDS FROM VARIOUS CONTEXTS  
Karo, Špela (Institute for the Protection of Cultural Heritage of Slovenia, Centre for Preventive Archaeology)
- 10:30 MILITARY CO-OPERATION OF STEPPIC AND VIKING WARFARE IN EASTERN EUROPE  
Katona, Csete (Central European University)
- 10:45 DISCUSSION SLOT
- 11:00 MAGYAR AND ORIENTAL ARTEFACTS FROM HEDEBY  
Kalmring, Sven (Centre for Baltic and Scandinavian Archaeology)
- 11:15 THE SCANDINAVIAN MAGYAR (OR THE MAGYAR SCANDINAVIAN)  
Hedenstierna-Jonson, Charlotte (Dep. of Archaeology and Ancient History, Uppsala University; The Swedish History Museum)
- 11:30 DISCUSSION SLOT
- 11:45 MAGYAR EVIDENCE IN THE MORDVA BURIAL GROUNDS ON THE LOWER OKA  
Zelentsova, Olga (Institute of Archaeology Russian Academy of Sciences)
- 12:00 RESEARCH OF DOUBLE EDGED SWORD FROM THE 10TH-CENTURY CARPATHIAN BASIN RESULTS AND PERSPECTIVES  
Zágorhidi Czigány, Bertalan (Pázmány Péter Catholic University, Institute of Archaeology, Budapest) - Langó, Péter (Pázmány Péter Catholic University, Institute of Archaeology, Budapest; Research Centre for the Humanities, Institute of Archaeology, Budapest) - Katona, Csete (Central European University) - Harangi, Flórián (Pázmány Péter Catholic University, Institute of Archaeology, Budapest)



- 12:15 **METALLOGRAPHIC EXAMINATIONS OF THE DOUBLE-EDGED SWORDS FROM THE 10TH CENTURY CARPATHIAN BASIN – PRELIMINARY RESULTS**  
Tóth, Boglárka (Pázmány Péter Catholic University, Institute of Archaeology, Budapest) - Haramza, Márk (Janus Pannonius Museum, Department of Archaeology, Pécs) - Török, Béla (University of Miskolc, Institute of Metallurgy, Miskolc)
- 12:30 **DISCUSSION SLOT**
- 14:30 **BOJNÁ - ANONYMOUS' MYSTERY HILLFORT BANA?**  
Robak, Zbigniew (Slovak Academy of Sciences; Römisch-Germanisches Zentralmuseum Mainz)
- 14:45 **ANCIENT HUNGARIAN SIEGE OPERATIONS IN THE WESTERN CARPATHIANS: THE ARCHAEOLOGICAL EVIDENCE**  
König, Tomáš (Comenius University in Bratislava)
- 15:00 **DISCUSSION SLOT**

## 119 ON CLASS, ELITISM, AND POVERTY: ARCHAEOLOGY AND SOCIAL CLASS

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Ribeiro, Artur (Kiel University) - Ion, Alexandra (Institutul de Antropologie "Francisc J. Rainer")

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **ARE WE THE BADDIES? WHY WE NEED TO TALK ABOUT CLASS**  
Ribeiro, Artur (Christian-Albrechts-Universität)
- 9:30 **SURVEYING THE NEXT GENERATION OF ARCHAEOLOGISTS: WHAT WE LEARNED ABOUT ACADEMIC PRACTICES, INEQUALITY AND POVERTY**  
Brami, Maxime (Johannes Gutenberg University Mainz) - Emra, Stephanie (Ludwig-Maximilians-Universität München) - Milić, Bogdana (Koç University) - Muller, Antoine (Hebrew University of Jerusalem) - Malagó, Aldo (Römisch-Germanische Zentralmuseum)
- 9:45 **AND WE HAVE TO FEEL BAD FOR BEING PRECARIOUS, BECAUSE AT LEAST WE DO WHAT WE LIKE**  
Almansa-Sanchez, Jaime (Incipit, CSIC)
- 10:00 **DISCUSSION SLOT**
- 11:00 **CLASS-BASED DIVIDE IN CURRENT ARCHAEOLOGICAL FIELDWORK: THE CASE OF GREECE**  
Giamakis, Christos (University of Sheffield)
- 11:15 **A BEGGAR'S BANQUET: RECONSTRUCTING THE LIVES AND MOVEMENTS OF MARGINALIZED GROUPS IN THE ANCIENT ROMAN CITY**  
Siegenthaler, Sarah (Institute of Classical Archaeology, University of Basel)
- 11:30 **WHY EAST-WEST INEQUALITIES MATTER IN EUROPEAN ARCHAEOLOGY**  
Ion, Alexandra (Institute of Anthropology Francisc I. Rainer)
- 11:45 **DISCUSSION SLOT**

## 130 BIG-BIO: OPPORTUNITIES AND CHALLENGES OF BIG DATA WITH A FOCUS ON BIO-ARCHAEOLOGY

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Fulminante, Francesca (Bristol University; University Roma Tre) - Salesse, Kevin (Université Libre de Bruxelles; Université de Bordeaux) - Farinetti, Emeri (University Roma Tre)

### ABSTRACTS

- 14:30 **SESSION INTRODUCTION**  
Fulminante, Francesca (Bristol University; University Roma Tre) - Salesse, Kevin (Université Libre de Bruxelles; Université de Bordeaux) - Farinetti, Emeri (University Roma Tre, Italy)
- 14:45 **PRACTICAL AND THEORETICAL ISSUES ON THE METHODOLOGICAL IMPLEMENTATION OF THE EPISTEMOLOGY OF SPACE: DATASETS AND ANCIENT CITIES**  
Filippi, Dunia (Faculty of Classics - University of Cambridge)
- 15:00 **THE ROMAN HINTERLAND DATABASE PROJECT**  
Jongman, Willem (University of Groningen)
- 15:15 **MEETING THE NEEDS OF ROME (SUB)URBS. MATERIAL CULTURE AND CHANGING LANDSCAPES FROM MID-REPUBLIC TO LATE-ANTIQUITY**  
Capanna, Maria - Carafa, Paolo - Ferrandes, Antonio (Sapienza Università di Roma)
- 15:30 **ROMAN ARCHAEOFAUNAL AND ARCHAEOBOTANICAL DATA INITIATIVES**  
Schmidtova, Dominika - Klontza-Jaklova, Vera (Faculty of Arts, Masaryk University) - Zach, Barbara (Department of Archaeology, Max Planck Institute for the Science of Human History) - Marinova, Elena (Laboratory for Archaeobotany, State Office for Cultural Heritage Baden-Wuerttemberg) - King, Anthony (University of Winchester) - Fernandes, Ricardo (Faculty of Arts, Masaryk University; Department of Archaeology, Max Planck Institute for the Science of Human History; School of Archaeology, University of Oxford)
- 15:45 **DISCUSSION SLOT**
- 16:00 **THE URKESH GLOBAL RECORD (UGR): OVERVIEW AND ZOOM ON THE BIOANTHROPOLOGICAL DATA**  
Kharobi, Arwa (Bournemouth University; University of Bordeaux) - Kelly-Buccellati, Marilyn (University of California) - Buccellati, Giorgio (Cotsen Institute of Archaeology, UCLA) - Buccellati, Federico (Freie Universität Berlin)
- 16:15 **BUILDING THE BASICS WITH BIG DATA: SEX ESTIMATION AND BIOARCHAEOLOGY**  
Bethard, Jonathan - Bews, Elizabeth - Reeves, Vanessa (University of South Florida)
- 16:30 **AN ONLINE REPOSITORY FOR EARLY MEDIEVAL BURIALS IN AUSTRIA - THANADOS**  
Brundke, Nina (Austrian Archaeological Institute) - Eichert, Stefan (Natural History Museum)
- 16:45 **FORTH TO THE PAST: MODELING COMPLEX SCIENTIFIC ANCIENT DNA PROTOCOLS**  
Theodoridou, Maria (Information Systems Lab, Centre for Cultural Informatics, Institute of Computer Science, Foundation for Research and Technology - Hellas, Heraklion, Crete) - Vassou, Despoina (Ancient DNA lab, Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology - Hellas, Heraklion, Crete) - Felicetti, Achille (PIN, University of Florence) - Tabakaki, Eugenia - Psonis, Nikolaos - Kafetzopoulos, Dimitrios (Ancient DNA lab, Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology - Hellas, Heraklion, Crete)
- 17:00 **CREMATIONS, URNS AND MOBILITY IN PREHISTORIC AND HISTORIC BELGIUM: INTERLINKED ARCHAEOLOGICAL AND BIOLOGICAL INFORMATION IN THE CRUMBEL DATABASE**  
Capuzzo, Giacomo (Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles) - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - Dalle, Sarah (Department of Archaeology, Ghent University)

ty; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - De Mulder, Guy (Department of Archaeology, Ghent University) - Hlad, Marta (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles) - Sabaux, Charlotte (Department of Archaeology, Ghent University; Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles) - Salesse, Kevin (Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles; UMR 5199: "PACEA - De la Préhistoire à l'Actuel: Culture, Environnement et Anthropologie", Université de Bordeaux) - Stamataki, Elisavet (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles) - Veselka, Barbara (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel) - Vercauteren, Martine (Research Unit: Anthropology and Human Genetics, Faculty of Science, Université Libre de Bruxelles)

- 17:15 **CHALLENGES AND POTENTIALS OF INTEGRATING HETEROGENEOUS RESEARCH DATA: THE LANDSCAPE ARCHAEOLOGY GEOPORTAL 'LANDMAN'**  
Strohm, Steffen (Department of Computer Science, Kiel University, CAU) - Hamer, Wolfgang (Department of Geography, Kiel University, CAU) - Renz, Matthias (Department of Computer Science, Kiel University, CAU)
- 17:30 **PRESENTING PANDORA: A BIG DATA INITIATIVE FOR THE STUDY OF THE HUMAN PAST**  
Fernandes, Ricardo (Max Planck Institute for the Science of Human History; University of Oxford; Masaryk University)
- 17:45 DISCUSSION SLOT

## 165 PEOPLE POWER? PAST, PRESENT AND FUTURE FOR PUBLIC PARTICIPATION IN ARCHAEOLOGICAL FIELDWORK

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Session with keynote presentation and discussion

Organisers: Lewis, Carenza (University of Lincoln) - van Londen, Heleen (University of Amsterdam) - Marciniak, Arcadiusz (University of Poznan) - Vařeka, Pavel (University of West Bohemia)



### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 **FROM EVIDENCE TO ACTION: TOWARDS A STRATEGY FOR INCREASING PUBLIC PARTICIPATION IN LOCAL COMMUNITY ARCHAEOLOGICAL EXCAVATION**  
Lewis, Carenza (University of Lincoln) - van Londen, Heleen (University of Amsterdam) - Marciniak, Arkadiusz (Mickiewicz University in Poznań) - Vařeka, Pavel (University of West Bohemia)
- 15:00 DISCUSSION SLOT
- 15:15 **PARTICIPATIVE ARCHAEOLOGY IN POLAND - CHALLENGES AND ATTITUDES OF ARCHAEOLOGICAL RESEARCH**  
Kobialka, Dawid (Institute of Archaeology and Ethnology of the Polish Academy of Sciences) - Kajda, Kornelia (Independent researcher)
- 15:30 **COMMUNITY ARCHAEOLOGY AND CZECH TRAMPING**  
Vařeka, Pavel (University of West Bohemia) - Gabriel, Frantisek (Department of Archaeology, University of West Bohemia)
- 15:45 **THE EFFECTS OF A PARTICIPATORY PROJECT: THE CARE PROJECTS' SPIN-OFF IN THE NETHERLANDS**  
Van Londen, Heleen - Verspay, Johan (University of Amsterdam)

- 16:00 DISCUSSION SLOT
- 16:15 **ARCHEOHOTSPOTS: HOW TO CREATE CASUAL HERITAGE ENGAGEMENTS THROUGH ARCHAEOLOGY**  
Knoop, Riemer (Gordion Cultural Advice) - van Oorsouw, Marie-France (Weleer Heritage Communication and Advice)
- 16:30 **COMMUNITY ARCHAEOLOGY AS AN AIM FOR REACHING OUTSIDE THE MUSEUM WALLS**  
Paulsen, Charlotte (Museum Skanderborg)
- 16:45 **MOLEHILLS - A NON-DESTRUCTIVE ARCHAEOLOGICAL PROSPECTION METHOD AS CITIZEN SCIENCE PROJECT**  
de Raad, Jesper (Laagland Archeologie; Leiden University?)
- 17:00 DISCUSSION SLOT
- 17:15 **CONNECTING COMMUNITIES: 15 YEARS OF PUBLIC ARCHAEOLOGY IN KENT**  
Mayfield, Andrew (Kent County Council)
- 17:30 **PARTICIPATIVE ARCHAEOLOGY, POWER DYNAMICS AND CO-PRODUCTION: A COMPARATIVE APPROACH TO DIGGING HILLFORTS IN THE UK AND GERMANY**  
Davis, Oliver (Cardiff University)
- 17:45 DISCUSSION SLOT

## 171 THE EMERGENCE OF SOCIAL INEQUALITY IN EUROPE AND SOUTHWEST ASIA: FROM THE LATER UPPER PALAEOLITHIC TO THE EARLY BRONZE AGE

Time: 11:00 - 18:30 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Iversen, Rune - Haddow, Scott - Richter, Tobias (University of Copenhagen) - Kroonen, Guus (Leiden University)

### ABSTRACTS

- 11:00 **THE EMERGENCE OF SOCIAL INEQUALITY IN EUROPE AND SOUTHWEST ASIA: AN INTRODUCTION**  
Iversen, Rune - Haddow, Scott - Richter, Tobias (University of Copenhagen) - Kroonen, Guus (Leiden University)
- 11:15 **COERCION, STRESS OR MUTUALISM: EVALUATING DIFFERENT PATHWAYS TOWARDS SOCIAL INEQUALITY AND HIERARCHY DURING THE TRANSITION TO AGRICULTURE IN WESTERN ASIA**  
Richter, Tobias (University of Copenhagen)
- 11:30 DISCUSSION SLOT
- 11:45 **SHAMANS AND CHIEFS: THE PATTERNS OF SOCIAL INEQUALITY IN NEOLITHIC NEAR EAST**  
Türkcan, Ali Umut (Anadolu Üniversitesi)
- 12:00 **DEATH'S REFLECTION: WHAT DO MORTUARY PRACTICES ACTUALLY REVEAL ABOUT SOCIAL STRUCTURE AND INEQUALITY IN THE NEOLITHIC OF SOUTHWEST ASIA?**  
Haddow, Scott (University of Copenhagen)
- 12:15 **BALANCING DIFFERENCES: PATTERNS OF SOCIAL DIFFERENTIATION AND INTEGRATION WITHIN LARGE NEOLITHIC COMMUNITIES**  
Mazzucato, Camilla (Stanford University)
- 12:30 DISCUSSION SLOT
- 14:30 **ŞEREF! THE BEGINNING OF COMMENSAL DRINKING PRACTICES IN PREHISTORIC ANATOLIA**  
Schoop, Ulf-Dietrich (School of History, Classics and Archaeology)

- 14:45 **TRACING SOCIAL INEQUALITY IN THE NEOLITHIC THROUGH TECHNOLOGY**  
Vitezovic, Selena - Antonovic, Dragana - Mihailovic, Danica (Institute of Archaeology, Belgrade)
- 15:00 **PRISTINE EGALITARIAN CITIES? EVALUATING THE ARCHAEOLOGICAL EVIDENCE FROM TRYPILLIA 'MEGA-SITES'**  
Ohlrau, René (Institut fuer Ur- und Fruehgeschichte Kiel; ROOTS) - Arponen, V.P.J. (ROOTS)
- 15:15 **DISCUSSION SLOT**
- 15:30 **EGALITARIAN PRACTICES AMONG NEOLITHIC FARMERS IN THE SOUTH OF EASTERN EUROPE**  
Kiosak, Dmytro (Ca' Foscari University of Venice)
- 15:45 **DISTRIBUTION FITTING AND FRACTAL ANALYSIS FOR CHARACTERISING STRUCTURES OF SOCIAL INEQUALITY**  
Bruvoll, Hallvard (University of Oslo, Department of Archaeology, Conservation and History)
- 16:00 **NEOLITHIC HIERARCHY ON DIFFERENT LEVELS IN THE GREAT HUNGARIAN PLAIN THROUGH THE ANALYSIS OF DISTANT STONE RAW MATERIALS**  
Fargo, Norbert (Eötvös Loránd University, Institute of Archaeological Sciences)
- 16:15 **DISCUSSION SLOT**
- 16:30 **IDENTIFYING PAST SOCIAL ORGANIZATIONS THROUGH FOODWAYS – THE IMPORTANCE OF A MULTI-PROXY APPROACH**  
Cheung, Christina (EA – Eco-anthropologie - UMR 7206, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot; UMR 7269, LAMPEA, Aix-Marseille Université, CNRS, Minist Culture, Aix-en-Provence) - Syrikova, Polina (Université de Bordeaux, CNRS, UMR 5199 PACEA – Bordeaux; EA – Eco-anthropologie - UMR 7206, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot) - Le Luyer, Mona (Université de Bordeaux, CNRS, UMR 5199 PACEA – Bordeaux; School of Anthropology and Conservation, University of Kent, Canterbury) - Herrsher, Estelle (UMR 7269, LAMPEA, Aix-Marseille Université, CNRS, Minist Culture, Aix-en-Provence) - Thomas, Aline (EA – Eco-anthropologie - UMR 7206, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot)
- 16:45 **COMPARING PROXY-MEASURES OF INEQUALITY FROM GRAVES - THE CASE OF THE MORAVIAN CORDED WARE**  
Nørtoft, Mikkel (University of Copenhagen)
- 17:00 **DISCUSSION SLOT**
- 17:15 **IDENTIFYING LABOR DIFFERENTIATION THROUGH ANALYSES OF ENTHESEAL CHANGES IN BELL BEAKER EUROPE**  
Ryan-Despraz, Jessica - Desideri, Jocelyne (University of Geneva) - Villotte, Sébastien (University of Bordeaux) - Besse, Marie (University of Geneva)
- 17:30 **GROWTH WITHOUT INEQUALITY? UNDERSTANDING THE RANGE OF VARIABILITY IN BRONZE AGE ECONOMIES**  
Green, Adam (University of Cambridge)
- 17:45 **A QUANTITATIVE STUDY OF NEOLITHIC TO EARLY MEDIEVAL BURIAL GROUNDS IN SOUTHWEST GERMANY**  
Großmann, Ralph (Kiel University; Cluster of Excellence ROOTS)
- 18:00 **DISCUSSION SLOT**

## POSTERS

- A. **ENAMEL HYPOPLASIA IN THE CHALCOLITHIC SITE OF LA CARADA (SE SPAIN) AS A PROXY TO CHILDHOOD LIFE CONDITIONS**  
Veiga-Rilo, Clara (Group EcoPast - GI-1553, Universidade de Santiago de Compostela) - Jiménez Brobeil, Sylvia (Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - López-Costas, Olalla (Group EcoPast - GI-1553, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada)

## 179 THE GEOARCHAEOLOGY AND SUSTAINABILITY OF CULTIVATION TERRACES AND LYNCHETS IN EUROPE

Time: 9:00 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Fallu, Daniel (Arctic University Museum of Norway) - Walsh, Kevin (University of York) - Klinkenberg, Victor (Leiden University)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **AGRICULTURAL TERRACES: INTENSIFICATION, DIVERSIFICATION AND NUTRITION**  
Brown, Antony (University of Southampton; Arctic University of Norway, Tromsø) - Walsh, Kevin (University of York) - Fallu, Dan (Arctic University of Norway, Tromsø)
- 9:30 **EXTENSIVE MEDIEVAL FIELD PATTERNS PRESERVED UNDER WOODLAND CANOPIES IN BOHEMIA: DETECTION, PRESERVATION, VERIFICATION, AND DATING**  
Holata, Lukáš (University of South Bohemia) - Malina, Ondřej (NPÚ and Heritage Conservation) - Plzák, Jindřich - Budilová, Kistýna (University of South Bohemia)
- 9:45 **CHARACTERISING TERRACE SYSTEMS: USING REMOTE SENSING DATA TO HELP UNDERSTAND THE ROLE OF TERRACES IN LANDSCAPE DEVELOPMENT**  
Sevara, Christopher (Newcastle University) - Salazar Ortiz, Natalia (University of Lleida)
- 10:00 **CHARACTERIZING AGRICULTURAL TERRACES - NEW QUANTITATIVE GEOMORPHOMETRIC APPROACHES TO ESTIMATE SOIL VOLUMES STORED**  
Cucchiario, Sara (Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine; Department of Land, Environment, Agriculture and Forestry, University of Padova) - Paliaga, Guido (Research Institute for Geo-Hydrological Protection, National Research Council) - Pears, Ben (Department of Geography and Environmental Science, University of Southampton) - Walsh, Kevin (Department of Archaeology, University of York) - Zhao, Pengzhi - Van Oost, Kristof (Georges Lemaître Centre for Earth and Climate Research, Earth and Life Institute, UCLouvain) - Snape, Lisa - Lang, Andreas (Department of Geography and Geology, University of Salzburg) - Brown, Antony (Natural Sciences, Tromsø University Museum, Arctic University of Tromsø; Department of Geography and Environmental Science, University of Southampton) - Tarolli, Paolo (Department of Land, Environment, Agriculture and Forestry, University of Padova)
- 10:15 **NEW INSIGHTS INTO AGRICULTURAL TERRACE SYSTEMS. THE USE OF BIOLOGICAL MICRO-REMAINS FOR TERRACE USE**  
Alonso-Eguiluz, Mónica (ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - Albert, Rosa María (ICREA; ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway; Geography and Environmental Science, University of Southampton)
- 10:30 **TEMPERATURE SENSITIVITY OF SOIL ORGANIC CARBON IN TERRACE SOILS**  
Zhao, Pengzhi (Georges Lemaître Centre for Earth and Climate Research, Earth and Life Institute, Université catholique de Louvain) - Fallu, Daniel (Tromsø University Museum, UiT The Arctic University of Norway) - Cucchiario, Sara (Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine; Department of Land, Environment, Agriculture and Forestry, University of Padova) - Tarolli, Paolo (Department of Land, Environment, Agriculture and Forestry, University of Padova) - Snape, Lisa - Lang, Andreas (Department of Geography and Geology, University of Salzburg) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway; Geography and Environmental Science, University of Southampton) - Van Oost, Kristof (Georges Lemaître Centre for Earth and Climate Research, Earth and Life Institute, Université catholique de Louvain)
- 10:45 **DISCUSSION SLOT**

- 11:15 INVESTIGATING RURAL CHANGES: TERRACES AS ARCHAEOLOGICAL EVIDENCES AND HERITAGE MONUMENTS. CASE STUDIES FROM LIGURIAN APENNINES**  
Stagno, Anna Maria - Panetta, Alessandro (University of Genova - Laboratory of Environmental Archaeology and History - DAFIST-DISTAV)
- 11:30 THE TERRACES OF KYTHERA: INTERDISCIPLINARY BIOGRAPHIES OF A 4000 YEAR-OLD MEDITERRANEAN LANDSCAPE**  
Trimmis, Konstantinos (University of Bristol) - Tzortzopoulou-Gregory, Lita - Paspalas, Stavros (Australian Archaeological Institute at Athens)
- 11:45 MANAGING A MARGINAL LANDSCAPE IN BRONZE AGE CRETE: THE AGRICULTURAL TERRACES AND DAMS AT CHOIROMANDRES, ZAKROS**  
Vokotopoulos, Leonidas ("Minoan Roads" Research Project)
- 12:00 SITE TAPHONOMY IN MEDITERRANEAN TERRACED LANDSCAPES: THE CASE OF SITE RB228 (CERCHIARA DI CALABRIA, IT)**  
van Leusen, Martijn (Groningen Institute of Archaeology)
- 12:15 THE TERRACES OF CASTRONOVO AND THE CONSTRUCTION OF LANDSCAPE IN ISLAMIC SICILY**  
Molinari, Alessandra - Ciccone, Gabriele - Giovannini, Fabio (University of Rome Tor Vergata) - Fiorentino, Girolamo (University of Salento)
- 12:30 DISCUSSION SLOT**
- 14:30 SOME THOUGHTS ON THE AGE AND ORIGIN OF AGRICULTURAL VALLEY TERRACES IN ETHIOPIA AND TUNISIA**  
Blond, Ninon (Université Lumière Lyon 2, Archéorient - UMR 5133; École Normale Supérieure de Lyon - ENSL, EVS - UMR 5600) - Benoist, Anne (CNRS, Archéorient - UMR 5133) - Callot, Yann (Université Lumière Lyon 2, Archéorient - UMR 5133) - Gajda, Iwona (CNRS, Orient & Méditerranée - UMR 8167) - Jacob-Rousseau, Nicolas (Université Lumière Lyon 2, Archéorient - UMR 5133) - Schiettecatte, Jérémie (CNRS, Orient & Méditerranée - UMR 8167)
- 14:45 ON THE TIMING OF AGRICULTURAL TERRACES: OPTICALLY STIMULATED LUMINESCENCE DATING APPLIED TO TERRACED LANDSCAPES IN THE UK, BELGIUM AND ITALY**  
Snape, Lisa - Lang, Andreas (Department of Geography and Geology, University of Salzburg) - Brown, Tony (Tromsø Museum, UiT; Palaeoenvironmental Laboratory, University of Southampton) - Fallu, Daniel (Tromsø Museum, UiT) - Pears, Ben (Palaeoenvironmental Laboratory, University of Southampton) - Walsh, Kevin (Department of Archaeology, University of York) - Cucchiari, Sarah (Department of Agricultural, Food, Environmental and Animal Sciences, University of Udine; Department of Land, Environment, Agriculture and Forestry, University of Padova) - Zhao, Pengzhi (Georges Lemaître Centre for Earth and Climate Research, Earth and Life Institute, UCLouvain)
- 15:00 ORIGINS AND HISTORIES OF (AGRICULTURAL) TERRACING AT PETRA, JORDAN**  
Plekhov, Daniel - Rojas, Felipe (Brown University) - Newman, Sarah (University of Chicago) - Nicosia, Cristiano (Università di Padova)
- 15:15 ON NOT OVERLOOKING LOOKING CLOSELY: THE BENEFITS OF MACROSCOPIC ANALYSIS AND ATTRIBUTE-BASED TERRACE DOCUMENTATION**  
Kvapil, Lynne (Butler University)
- 15:30 OSL AND PROXY DATING OF LATER PREHISTORIC CULTIVATION TERRACES ON ARTHUR'S SEAT, CENTRAL EDINBURGH, SCOTLAND**  
Srivastava, Aayush - Kinnaird, Tim (School of Earth & Environmental Sciences, University of St. Andrews) - Johnson, Melanie (CFA Archaeology Ltd) - Tipping, Richard - Wilson, Clare - Ferreira, Carla - Tisdall, Eileen - McCulloch, Robert (School of Biological & Environmental Sciences, University of Stirling) - Pickering, Rachel (Historic Environment Scotland, Edinburgh)
- 15:45 CONSTRUCTION OF MEDITERRANEAN TERRACES INTENSIFIED IN THE LATER MIDDLE AGES: EVIDENCE FROM LANDSCAPE ANALYSIS USING OSL-PD**  
Turner, Sam (Newcastle University) - Kinnaird, Tim (University of St Andrews)

- 16:00 DISCUSSION SLOT**
- 16:30 TERRACES AND LYNCHETS IN PYRENEAN PASTURES: METHODOLOGICAL APPROACHES AND SOCIAL CONTEXTS (BRONZE AGE TO THE PRESENT)**  
Rendu, Christine (CNRS UMR 5136 Framespa) - Bal, Marie-Claude (CNRS UMR 5602 Géode) - Calastrenc, Carine (CNRS UMR 5136 Framespa) - Passarrius, Olivier (Pôle archéologique des Pyrénées-Orientales) - Bousquet, Delphine (UMR 5608 Traces) - Guerre, Josselyne (Inrap) - Lallemand, Véronique (Ministère de la Culture - SRA Occitanie) - Bille, Elisabeth (UMR 5136 Framespa) - Conesa, Marc (Université Montpellier 3 Laboratoire Crises) - Campmajo, Pierre (UMR 5608 Traces)
- 16:45 THE PLUZINA FIELD SYSTEMS – THE NEGLECTED MEDIEVAL LANDSCAPE PHENOMENON IN THE CZECH REPUBLIC**  
Šitnerová, Ivana - Beneš, Jaromír - Majerovičová, Tereza - Bumerl, Jiří (Laboratory of Archaeobotany and Palaeoecology, Faculty of Science, University of South Bohemia, České Budějovice; Institute of Archaeology, Faculty of Arts, University of South Bohemia, České Budějovice) - Janečková, Kristina (Department of Land Use and Improvement, Faculty of Environmental Sciences, Czech University of Life Sciences, Praha)
- 17:00 LIVING ON THE EDGE PATTERNS OF SETTLEMENT AND CULTIVATION IN THE INNER FJORDS OF SUNNMØRE, NW-NORWAY**  
Dahle, Kristoffer (Møre & Romsdal County Council) - Fallu, Daniel (UiT The Arctic University of Norway)
- 17:15 ANTHROPOGENIC SOILS ON JÆREN - RESULTS FROM MICROMORPHOLOGY, XRF-ANALYSIS, AND RADIOCARBON DATING**  
Lechterbeck, Jutta - Gebremariam, Kidane Fanta (Arkeologisk Museum, Universitetet i Stavanger)
- 17:30 ANALYSIS OF LOESSIC ORIGINATED TERRACE AND LYNCHET SEDIMENT SYSTEMS IN CHALKLAND LANDSCAPES OF THE UK AND CENTRAL EUROPE**  
Pears, Ben (University of Southampton) - Brown, Antony (Tromsø Museum, UiT; University of Southampton) - Roberts, Mark (University College London) - Lang, Andreas - Snape, Lisa (University of Salzburg) - Fallu, Dan (Tromsø Museum, UiT) - Walsh, Kevin (University of York)
- 17:45 DISCUSSION SLOT**

## **188 BEAST AND HUMAN: NORTHERN EUROPE, FROM THE BRONZE AGE TO MODERN TIMES**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Grimm, Oliver (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Kashina, Ekaterina (State Historical Museum, Moscow) - Kirkinen, Tuija (University of Helsinki) - Piličiauskienė, Giedrė (University of Vilnius) - O'Regan, Hannah (University of Nottingham)

### **ABSTRACTS**

- 14:30 INTRODUCTION**
- 14:45 ON THE SCARCITY OF WOLF REMAINS IN THE ROMAN AND MIGRATION PERIODS NORTHERN GERMANY. INSIGHTS FROM BIOMETRICS**  
Patalan, Krzysztof (LVR-Archaeological Park Xanten)
- 15:00 HUNTING DOGS AND HUNTING WITH DOGS IN THE GRAND DUCHY OF LITHUANIA DURING THE 13TH TO 17TH CENTURIES**  
Piličiauskienė, Giedrė - Blaževičius, Povilas - Skipitytė, Raminta - Micelicaite, Viktorija - Zarankaitė Margienė, Toma (Vilnius University, Department of Archaeology)

- 15:15 **RARE BUT IMPORTANT: WILD BIRDS IN LITHUANIA DURING THE 13TH-17TH C. ACCORDING TO ZOOARCHAEOLOGICAL AND HISTORICAL DATA**  
Zagurskyte, Aurelija (Vilnius University Department of Archaeology) - Rumbutis, Saulius (Kaunas Tadas Ivanauskas Museum of Zoology) - Blaževičius, Povilas (National Museum of Lithuania) - Piličiauskienė, Giedrė (Vilnius University Department of Archaeology)
- 15:30 **OF BEARS AND HUMANS. THE VISIBILITY OF ANIMAL AGENCY IN ARCHAEOLOGY**  
Kipke, Natascha (Kiel University; Institute of Pre- and Protohistoric Archaeology)
- 15:45 **BEARS, BEARSKINS, BEAR-WARMTH AND BEAR-NESS IN THE VIKING AGE: INTERSECTIONS BETWEEN ARCHAEOLOGY, SAGAS AND FOLKLORE**  
Evans Tang, Harriet - Milek, Karen (Durham University)
- 16:00 **DIACHRONIC AND MULTIDISCIPLINARY APPROACH TO UNDERSTAND TRANSFORMATIONS OF HUMAN-BEAR-RELATION IN NORTHERN GERMANY –AN EXAMPLE FOR HUMAN-ANIMAL STUDIES AT THE ZBSA**  
Schmölcke, Ulrich (Zentrum für Baltische und Skandinavische Archäologie - ZBSA)
- 16:15 DISCUSSION SLOT
- 16:30 **WHO GETS BURIED WITH A BEAR? AN EXAMINATION OF WILD ANIMALS IN THE EARLY MEDIEVAL CREMATION CEMETERIES OF EASTERN ENGLAND**  
O'Regan, Hannah (University of Nottingham) - Squires, Kirsty (Staffordshire University)
- 16:45 **BEAR CLAW FINDS IN 6TH CENTURY SAMBIAN WEAPON GRAVES AS INDICATION OF THE GERMANIC WARRIOR CULTS**  
Prassolow, Jaroslav Aleksei (Centre for Baltic and Scandinavian Archaeology - ZBSA; Institute of Archaeology of Russian Academy of Sciences - IA RAN) - Skvortsov, Konstantin - Dobrovol'skaja, Maria - Kleshchenko, Ekaterina (Institute of Archaeology of Russian Academy of Sciences - IA RAN)
- 17:00 **THE SNAKE AND THE DUCK OF THE BELARUSIAN LAKELAND**  
Charnianski, Maxim (Department of the prehistory archaeology, Institute of history, NAS of Belarus)
- 17:15 **FROM A DRAGON TO A HARE – SELECTION OF ANIMALS FOR SYMBOLIC PURPOSES DURING THE LATE IRON AGE IN ESTONIA**  
Jonuks, Tõnno (Estonian Literary Museum; Tallinn University)
- 17:30 DISCUSSION SLOT

## 204 ARE WE REALLY STRATEGIC? DEVISING AND IMPLEMENTING ARCHAEOLOGICAL STRATEGIES

Time: 16:30 - 18:30 CEST, 7 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Doyle, Ian (The Heritage Council of Ireland) - Robinson, Rhonda (Historic Environment Division, Northern Ireland Department for Communities) - Grant, Kevin (Historic Environment Scotland)

### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 **ARCHAEOLOGICAL STRATEGIES FOR THE DANUBE REGION – THE IRON-AGE-DANUBE EXPERIENCE**  
Mele, Marko (Universalmuseum Joanneum)
- 17:00 **'PLAN OR BE PLANNED FOR': REFLECTIONS ON ARCHAEOLOGICAL HERITAGE STRATEGY IN IRELAND**  
Doyle, Ian (The Heritage Council of Ireland)
- 17:15 **IMPLEMENTING THE HISTORIC ENVIRONMENT RESEARCH AND DELIVERY STRATEGY: HIGH SPEED RAIL 2-UK**  
Halsted, John (Atkins; HS2 Ltd) - Court, Michael (HS2 Ltd) - Hopla, Emma (HS2 Ltd; Atkins)

- 17:30 **MAKING ARCHAEOLOGY MATTER: FIVE YEARS OF SCOTLAND'S ARCHAEOLOGY STRATEGY**  
Grant, Kevin (HES Historic Environment Scotland)
- 17:45 **ARCHAEOLOGY 2030: CREATING A STRATEGIC APPROACH FOR NORTHERN IRELAND**  
Robinson, Rhonda (DfC Historic Environment Division)
- 18:00 **CREATING A SUSTAINABLE ARCHAEOLOGICAL RESEARCH STRATEGY FOR THE ENGLISH EAST MIDLANDS**  
Knight, David (York Archaeological Trust) - Miles, Dan (Historic England) - Owen, Vicky (York Archaeological Trust)
- 18:15 DISCUSSION SLOT

### POSTERS

- A. **URBAN ARCHAEOLOGY IN PANDEMIC TIMES**  
Luciano, Vanda Bela (UAL)

## 217 PREHISTORIC LANDSCAPES UNDER THE BOG: TRACING CULTURAL RESPONSES TO ENVIRONMENTAL CHANGE

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Behrens, Anja (Lower Saxony Institute for Historical Coastal Research; German Archaeological Institute) - Smyth, Jessica (School of Archaeology, University College Dublin) - Mennenga, Moritz (Lower Saxony Institute for Historical Coastal Research)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 **LIVING IN A DROWNING LANDSCAPE. INTERDISCIPLINARY RECONSTRUCTIONS OF LONG-TERM HUMAN-PEATLAND INTERACTIONS IN THE NORTHERN NETHERLANDS**  
Beek, Roy - Quik, Cindy (Wageningen University & Research)
- 9:30 **WET FEET OR DRY FINDS? TRACING MESOLITHIC SETTLEMENT IN BOG AREAS OF LOWER SAXONY, GERMANY**  
Mahlstedt, Svea (NIHK)
- 9:45 **CHANGING PATTERNS OF INTERPRETATION. NEW PERSPECTIVES ON MESOLITHIC LIFE, EXEMPLIFIED BY NEW RESULTS FROM DUVENSEE WP 10**  
Groß, Daniel (Centre For Baltic And Scandinavian Archaeology - ZBSA; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266) - Corradini, Erica (Institute of Geosciences, Applied Geophysics, University of Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266) - Dörfler, Walter (Institute of Pre- and Protohistoric Archaeology, Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266) - Lübke, Harald - Meadows, John - Schmölcke, Ulrich (Centre For Baltic And Scandinavian Archaeology - ZBSA; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266) - Wieckowska-Lüth, Magdalena (Institute of Pre- and Protohistoric Archaeology, Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266) - Zanon, Marco (CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266)
- 10:00 DISCUSSION SLOT
- 10:15 **INVESTIGATING PLANT SIGNALS IN LIPID RESIDUES OF NEOLITHIC POTTERY FROM A BLANKET BOG ENVIRONMENT AT THE CÉIDE FIELDS, IRELAND**  
Olet, Lilly - Casanova, Emmanuelle - Robson Brown, Kate - Evershed, Richard (University of Bristol) - Smyth, Jessica (University College Dublin)

- 10:30 **THE NEOLITHIC PRE-BOG LANDSCAPE OF AHLEN-FALKENBERG IN NORTHERN GERMANY**  
Behrens, Anja - Mennenga, Moritz - Karle, Martina - Wolters, Steffen (Lower Saxony Institute of Historical Coastal Research)
- 10:45 **WET FEET IN THE STONE AGE? ENVIRONMENTAL-CULTURAL INTERACTIONS OF NEOLITHIC WETLAND DOMESTIC SITES ON THE SOUTHERN CIMBRIAN PENINSULA AND BEYOND**  
Brozio, Jan Piet - Feeser, Ingo (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 11:00 **PUTTING THINGS IN (UN)USUAL PLACES: ANALYSIS OF THE SITING OF SELECTIVE DEPOSITIONS IN THE BOURTANGER MOOR, THE NETHERLANDS**  
Moree, Jelle (Faculty of Archaeology, Leiden University; Soil Geography and Landscape group, Wageningen University)
- 11:15 **BOG BUTTER IN IRELAND: A STUDY THROUGH TIME AND SPACE**  
O'Toole, Karen (University College Dublin)
- 11:30 **TRAFFIC JUNCTION THROUGH THE TIMES: THE BOG NARROW NEAR GNARRENBURG, LDKR. ROTENBURG/WÜMME (LOWER SAXONY)**  
Heumueller, Marion (Lower Saxony State Office for Cultural Heritage) - Hesse, Stefan (District Office of Archaeology Rotenburg, Wümme) - Behling, Hermann - Leuschner, Hanns (University of Göttingen, Department of Palynology and Climate Dynamics)
- 11:45 **DISCUSSION SLOT**

## 232 **SWORDS TO PLOUGHSHARES - CONCILIATION AS AN ALTERNATIVE TO CONFLICTS. A DIACHRONIC PERSPECTIVE BETWEEN LATE NEOLITHIC AND VIKING AGE**

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Skorna, Henry - Kneisel, Jutta (Kiel University, Cluster of Excellence ROOTS) - Jaeger, Mateusz (Adam Mickiewicz University Poznań, Institute of European Culture) - Schneeweiß, Jens (Kiel University, Cluster of Excellence ROOTS; Centre for Baltic and Scandinavian Archaeology - ZBSA)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **GRASPING CONCILIATION IN THE EARLY BRONZE AGE**  
Skorna, Henry (Institut fuer Ur- und Fruehgeschichte Kiel; Kiel University, Cluster of Excellence ROOTS) - Batora, Jozef (Institute of Archaeology of the Slovak Academy of Sciences, Nitra)
- 9:30 **NEIGHBOURS MAKE BETTER ENEMIES - LOCAL SOCIETIES IN WAR AND PEACE DURING THE NORDIC BRONZE AGE**  
Horn, Christian (Gothenburg University) - Artursson, Magnus (Arkeologarna) - Austvoll, Knut (University of Oslo) - Nordvall, Linn - Potter, Rich - Ling, Johan (Gothenburg University)
- 9:45 **VATYA CULTURE FORTIFICATIONS IN CENTRAL HUNGARY. BUILDING INNER AND OUTER BORDERS IN THE MIDDLE BRONZE AGE**  
Jaeger, Mateusz (Adam Mickiewicz University in Poznań)
- 10:00 **VISIBLE AND INVISIBLE BOUNDARIES IN LANDSCAPE**  
Kneisel, Jutta (Christian-Albrechts-University of Kiel; Johanna-Mestorf-Academy) - Rose, Laura (Christian-Albrechts-University of Kiel; ROOTS)
- 10:15 **CHANGES IN LATE BRONZE AGE TRANSDANUBIAN WEAPON HOARDING**  
Tarbay, János Gábor (Hungarian National Museum)

- 10:30 **BROTHERS IN DISARM. A DE-ESCALATION PERSPECTIVE ON PREHISTORIC WEAPON SACRIFICES.**  
Gentile, Valerio (Leiden University)
- 10:45 **DISCUSSION SLOT**
- 11:00 **IS THE WORLD FORCED OR PLANNED?**  
Chikunova, Irina (Tyumen scientific center SB RAS)
- 11:15 **THE FUNCTION OF EARLY MEDIEVAL FORTIFICATIONS IN THE VOLGA-KAMA REGION: AN ARCHAEOLOGICAL PERSPECTIVE**  
Vyazov, Leonid (Kazan Federal University)
- 11:30 **NO FORTIFICATION IS NOT THE SOLUTION. CAN FORTIFICATIONS PROVIDE PEACE?**  
Schneeweiss, Jens (University of Kiel, Centre for Baltic and Scandinavian Archaeology; Cluster of Excellence ROOTS; University of Göttingen)
- 11:45 **THE BUSINESS OF WAR. THE ROLE OF THE ROMAN ARMY IN BUILDING NEW POLITICAL AND ECONOMIC REALITIES IN LOWER MOESIA**  
Duch, Michal (Adam Mickiewicz University in Poznan)
- 12:00 **DISCUSSION SLOT**
- 12:15 **CLAD IN PEACEFUL TOGA. ON THE ROLE OF DRESS IN THE CULTURAL EXCHANGE BETWEEN ROMAN EMPIRE AND DANUBIAN PROVINCES**  
Kaczmarek, Zofia (Adam Mickiewicz University)
- 12:30 **DISCUSSION SLOT**

## 245 **LOST IN TRANSLATION? - INTERPLAY OF ARCHAEOLOGICAL THEORY AND SCIENTIFIC PRACTICE AS KEY FOR MODERN ARCHAEOLOGICAL REASONING**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Session with keynote presentation and discussion

Organisers: Girotto, Chiara (Ludwig-Maximilians-University Munich) - Rose, Thomas (Department of Bible, Archaeology and the Ancient Near East, Ben Gurion University of the Negev; Scienze dell'Antichità, Sapienza - Università di Roma)

### AGENDA

- 14:30 **INTRODUCTION**
- 14:45 **TWO CULTURES? IS THERE A COMMUNICATION PROBLEM BETWEEN ARCHAEOLOGICAL SCIENCES AND MAINSTREAM ARCHAEOLOGY?**  
Pearce, Mark (University of Nottingham)
- DISCUSSION**
- INVESTIGATIVE INTEGRATION THROUGH CRITICAL PURPOSE: WHAT TO DO WHEN SCIENTIFICATION REARS ITS HEAD**  
Vis, Benjamin (University of West Bohemia)
- FINDING INTERDISCIPLINARITY**  
Loy, Anna (ROOTS Kiel)
- ARCHAEOOMETRY GROUP FROM THE INSTITUTE OF ARCHAEOLOGY OF THE CAS, PRAGUE**  
Danielisova, Alzbeta - Bursák, Daniel (Institution of Archaeology of the CAS, Prague)
- TRANSLATORS ON AN ARCHIPELAGO**  
Rose, Thomas (Ben-Gurion University of the Negev, Be'er Sheva; Sapienza - University of Rome)

**COMPLEXITY THEORY AS AN ONTOLOGICAL GUIDELINE: TOWARDS A BETTER INTEGRATION OF QUANTITATIVE AND QUALITATIVE APPROACHES**

Schlicht, Jan-Eric (CRC 1266 - Scales of Transformation; Kiel University)

**CONTRIBUTIONS OF GEOMETRIC MORPHOMETRICS TO ARCHAEOLOGY: POTENTIALITIES OF A NEW APPROACH TO ARTEFACT SHAPE ANALYSIS**

Araujo, Renata (Museum of Archaeology and Ethnology, University of Sao Paulo) - Okumura, Mercedes (Laboratory for Human Evolutionary Studies, Department of Genetics and Evolutionary Biology, Biosciences Institute, University of São Paulo)

**247 PLEISTOCENE EARLY WEAPONRY TECHNOLOGIES: A MULTIFACETED MOSAIC OF NEW EVIDENCE AND BEHAVIOURS**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Milks, Annemieke (UCL Institute of Archaeology) - La Porta, Alice (University of Manchester, Department of Earth and Environmental Science) - Moncel, Marie-Hélène (Muséum National d'Histoire Naturelle, Paris) - Rios-Garaizar, Joseba (Consortio CENIEH - Centro Nacional de Investigación sobre la Evolución Humana)



**ABSTRACTS**

- 14:30 INTRODUCTION
- 14:45 NEANDERTHAL STONE-TIPPED SPEAR TECHNOLOGY: AN EXPERIMENTAL INVESTIGATION  
La Porta, Alice (University of Manchester; University of Exeter)
- 15:00 TIPS FOR BEGINNERS: FIRST EVIDENCE OF LITHIC WEAPONS IN THE MEDITERRANEAN OF THE IBERIAN PENINSULA AT COVA DEL BOLOMOR (VALENCIA)  
Cuartero, Felipe (Fundación Atapuerca) - Fernández-Peris, Josep - Hortelano, Laura (Servei d'Investigació Prehistòrica, Diputació de València) - Blasco, Ruth (Institut Català de Paleoecologia Humana i Evolució Social - IPHES)
- 15:15 HIT OR CRACK? AN EXPERIMENTAL STUDY ON BREAKAGE PATTERNS OF SOLUTREAN FOLIATE POINTS AS HUNTING WEAPONS IN INLAND IBERIA  
Castillo-Jiménez, Samuel (University of Alcalá) - Cuartero, Felipe (Atapuerca Foundation) - Mangado Llach, Xavier - Sánchez de la Torre, Marta (SERP. Prehistory and Archaeology Section, University of Barcelona) - Alcolea-González, José-Javier - Alcaraz-Castaño, Manuel (University of Alcalá)
- 15:30 DISCUSSION SLOT
- 15:45 HOW DOES A PROJECTILE FLY? USING BALLISTICS AND FRACTURE MECHANICS TO TRY AND RECOGNISE PALAEO-LITHIC WEAPON SYSTEMS  
Coppe, Justin - Rots, Veerle (TraceoLab / Prehistory, University of Liège)
- 16:00 COMPREHENSIVE 3D MODELING AS AN IMPORTANT TECHNIQUE IN OPTIMAL CONSERVATION OF WATERLOGGED WOODEN ARTIFACTS – A PALEOLITHIC WOODEN POINT (EXPERIENCE)  
ERIC, Miran (Institute for the Protection of Cultural Heritage of Slovenia) - Guček Puhar, Enej (Faculty of Computer and Information Science, Ljubljana University) - Korat, Lidija (Slovenian National Building and Civil Engineering Institute) - Solina, Franc - Jaklič, Aleš (Faculty of Computer and Information Science, Ljubljana University)
- 16:15 DISCUSSION SLOT

16:30 **AGE? SKILL? PHYSIOLOGY? COMPARING SPEAR THROWING PERFORMANCE OF ADOLESCENT AND ADULT BAYAKA FORAGER AND BONDONGO FISHER-FARMER MALES**

Milks, Annemieke (UCL) - Lew-Levy, Sheina (Simon Fraser University, Department of Psychology; Aarhus University, Department of Archaeology and Heritage Studies) - Kiyabiya Ntamboudila, Francy (Marien Ngouabi University)

16:45 **THE ROLE OF HIDE THICKNESS IN TESTING THE HUNTING EFFICACY OF PLEISTOCENE WOODEN SPEARS**

Hardy, Bruce (Department of Anthropology, Kenyon College) - Turner, Paula (Department of Physics, Kenyon College)

17:00 **DID COOPERATIVE ATLATL HUNTING DRIVE NON-GENDERED LABOR PRACTICE AND HUMAN DISPERSAL DYNAMICS IN THE PLEISTOCENE?**

Haas, Randy (University of California, Davis)

17:15 DISCUSSION SLOT

**251 IMPR – PHYTOLITH IDENTIFICATION, CLASSIFICATION AND MORPHOMETRY**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Out, Welmoed (Moesgaard Museum) - Vrydaghs, Luc (Maritime Cultures Research Institute, MARI – VUB)



**ABSTRACTS**

- 14:30 INTRODUCTION
- 14:45 PHYTOLITH NOMENCLATURE AND TAXONOMY  
Neumann, Katharina (Goethe-Universität)
- 15:15 AN ATTEMPT TO CHARACTERIZE ARTEMISIA SPECIES ON THE BASIS OF PHYTOLITHS  
Attolini, Davide (Laboratory of Palinology and Archaeobotany - DISTAV, University of Genova; Department of Antiquities, Philosophy and History - DAFIST, University of Genova) - Caracciolo, Daniela (Regional Agency for the Protection of the Environment - Liguria - ARPAL) - Montanari, Carlo (Laboratory of Palinology and Archaeobotany - DISTAV, University of Genova)
- 15:30 PHYTOLITHS FROM PLANTS OF THE CERRADO - THE BRAZILIAN SAVANNA  
Dias, Raphaella (Universidade Federal Fluminense) - Coe, Heloisa (Universidade Federal Fluminense; Universidade do Estado do Rio de Janeiro) - Vasconcelos, Alessandra (Universidade Federal dos Vales de Jequitinhonha e Mucuri) - de Carvalho, Alex (Universidade Federal de Minas Gerais) - Mendonça Filho, Carlos (Universidade Federal dos Vales de Jequitinhonha e Mucuri) - Chueng, Karina (Universidade Federal Fluminense) - Ricardo, Sarah (Universidade Federal do Rio de Janeiro - Museu Nacional) - de Sousa, Leandro (Universidade Federal Rural do Semi-árido)
- 15:45 CONTRIBUTION TO REFERENCE COLLECTIONS OF PHYTOLITHS FROM CAATINGA PLANTS: A CASE STUDY IN THE SERRA DE URUBURETAMA, CEARÁ, BRAZIL  
Aguar, Antônia (CaSEs – Culture and Socio-Ecological Dynamics research group. Departament d'Humanitats, Universitat Pompeu Fabra; Universidade Estadual do Ceará, Departamento de Humanidades) - Coe, Heloisa (Universidade Estadual do Rio de Janeiro - UERJ) - Madella, Marco (CaSEs – Culture and Socio-Ecological Dynamics research group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA - CaSEs, Departament of Humanities, Universitat Pompeu Fabra) - Sousa, Leandro (Universidade Federal Rural do Semi-Árido, Departamento de Biociências) - Ruiz-Pérez, Javier (CaSEs – Culture and Socio-Ecological Dynamics research group. Departament d'Humanitats, Universitat Pompeu Fabra) - Gomes, Jenifer (Universidade Federal Fluminense) - Gomes, Emilly (Universidade Estadual do Rio de Janeiro - UERJ) - Almeida, Iaponan (Universidade Estadual de Pernambuco) - Cruz, Maria (Universidade Estadual do Ceará, Departamento de Humanidades)
- 16:00 DISCUSSION SLOT

- 16:30 **USING RONDELS IN BOP CLADE POACEAE TO BETTER RESOLVE CERTAIN TAXA AND HABITATS OF THE TEMPERATE ZONE: A PROPOSED CLASSIFICATION**  
Blinnikov, Mikhail (St Cloud State University; Kazan Federal University)
- 16:45 **GEOMETRIC MORPHOMETRICS AS A TOOL FOR ANALYSIS OF GRASS PHYTOLITH SHAPE EVOLUTION**  
Hořková, Kristýna - Herben, Tomáš - Neustupa, Jiří (Department of Botany, Faculty of Sciences, Charles University in Prague) - Pokorná, Adéla (Department of Botany, Faculty of Sciences, Charles University in Prague; Institute of Archaeology, Czech Academy of Sciences, Prague) - Pokorný, Petr (Center for Theoretical Study, Joint Research Institute of Charles University and Czech Academy of Sciences)
- 17:00 **AUTOMATED, QUANTITATIVE IMAGING ANALYSIS OF GRASS SILICA (PHYTOLITH) FOSSILS: A TOOL TO SHED LIGHT ON GRASS EVOLUTION AND DOMESTICATION**  
Stromberg, Caroline (University Of Washington) - Gallaher, Timothy (University of Washington; Bishop Museum, Hawai'i) - Akbar, Sultan - Jessett, Kari (University of Washington) - Klahs, Philip (Iowa State University) - Marvet, Claire - Senske, Ashly - Zard, Kailyn - Zender, Callie (University of Washington) - Clark, Lynn (Iowa State University)
- 17:15 **DISCUSSION SLOT**
- 17:30 **TESTING QUANTITATIVE APPROACHES FOR PHYTOLITH MORPHOTYPE SHAPE DESCRIPTION AND CLASSIFICATION FOR CALIFORNIAN GRASSES**  
Evelt, Rand (Department of Environmental Science, Policy, and Management, University of California, Berkeley)
- 17:45 **OAT CHAFF IDENTIFICATION BASED ON PHYTOLITH MORPHOLOGY AND MORPHOMETRY: A VIKING-AGE EQUESTRIAN BURIAL AT FREGERSLEV, DENMARK**  
Out, Welmoed (Moesgaard Museum, Department of Archaeological Science and Conservation) - Portillo, Marta (Department of Archaeology and Anthropology, Archaeology of Social Dynamics - 2017SGR 995, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC, Barcelona) - Schifter Bagge, Merethe (Museum Skanderborg)
- 18:00 **TOWARDS FAIR PHYTOLITH DATA - FIRST STEPS DOWN A LONG AND WINDING ROAD**  
Karoune, Emma (The Alan Turing Institute) - García-Granero, Juan José (Spanish National Research Council) - Ruiz-Pérez, Javier - Madella, Marco - Lancelotti, Carla (Universitat Pompeu Fabra)
- 18:15 **DISCUSSION SLOT + POSTERS**

#### POSTERS:

- A. **NEW METHODS TO REDUCE THE UNCERTAINTY IN MICROARCHEOLOGY**  
Andreu Diez, Oriol (University of Barcelona) - Albert Cristóbal, Rosa Maria (ICREA; University of Barcelona) - Boaretto, Elisabetta (Weizmann Institute of Science) - Pellicer Moscardó, Jaume (Institut Botànic de Barcelona - CSIC)
- B. **PHYTOLITH CLASSIFICATION USING DEEP LEARNING: IMPLEMENTATION OF A U-NET NEURAL NETWORK FOR MORPHOTYPE IMAGE-SEGMENTATION**  
Andriopoulou, Nafsika - Petrakis, George - Partsinevelos, Panagiotis (School of Mineral Resources Engineering, Technical University of Crete)

## 259 **MOBILE PASTORALISM, SALT AND CHEESE. ETHNOGRAPHIC PERSPECTIVES ON THE SPATIAL CONFIGURATION OF A LONG-TERM MEDITERRANEAN TRIAD**

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Attema, Peter (University of Groningen) - Neef, Wieke (University of Ghent)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **WHITE ELEMENTS FROM A MOUNTAINOUS LANDSCAPE: SALT, SNOW, AND LONG-TERM PASTORALISM IN THE MONTI LUCRETILI AREA**  
Bernardi, Martina - Farinetti, Emeri (Dipartimento di Studi Umanistici, Università degli Studi di Roma Tre)
- 9:30 **THE MADONIE MOUNTAIN "UNDE SAL FODITUR"**  
Canale, Alessandra (Dipartimento Culture e Società, Università di Palermo, Viale delle Scienze - Ed. 15)
- 9:45 **"THOSE WHO SPRINKLE SALT PREFER MINERAL SALT" (VARRO R.R., 2.11.3): SHEPHERDS, SALT AND MARKETS IN ROMAN AND MODERN ITALY**  
Pasquinucci, Marinella (University of Pisa)
- 10:00 **ON THE TRAIL OF SHEPHERDS AND SALT FROM THE COAST TO THE MOUNTAINS AND VICE VERSA IN NE ITALY**  
Montagnari Kokelj, Manuela (University of Trieste) - Migliavacca, Mara (University of Verona)
- 10:15 **ALONG THE "VIA SALARA" (ABRUZZO - CENTRAL SOUTHERN ITALY). CHASING SALT AND ITS MARGINAL MOUNTAIN ROUTES**  
Del Fattore, Francesca Romana (Università degli Studi Internazionali di Roma)
- 10:30 **BUTTER AS CURRENCY: OUTLAND PASTORAL PRACTICES AND EXPORT MARKETS. THE VIEW FROM NORWAY**  
Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)
- 10:45 **DISCUSSION SLOT**
- 11:00 **CHEESE (AND HONEY?) PRODUCTION AROUND DJEBEL GORRAA IN THE SOUTHERN BAGRADAS VALLEY (AFRICA PROCONSULARIS)**  
Raaijmakers, Mariette (Università di Trento) - Attoui, Redha (Université Badji Mokhtar, Annaba, Algérie) - Polla, Silvia (Freie Universität Berlin Institut für Klassische Archäologie) - Battisti, Alessandro (independent researcher) - Masrouhi, Amara (King Abdulaziz University: Jeddah)
- 11:15 **INTRODUCTION: REFLECTIONS ON THE SPATIAL CONFIGURATION OF MOBILE PASTORALISM**  
Attema, Peter (University of Groningen) - de Neef, Wieke (University of Ghent)
- 11:30 **SALT, CHEESE AND HIGHLAND EXPLOITATION. MULTIDISCIPLINARY INVESTIGATIONS OF PASTORAL LANDSCAPES IN THE POLLINO MOUNTAIN RANGE (CALABRIA, ITALY)**  
Attema, Peter (University of Groningen) - de Neef, Wieke (University of Ghent)
- 11:45 **SHEPHERDS AND ANIMALS ON MOUNT CORNÓN (TRENTINO - ITALY): LIVESTOCK COUNTS IN THE PASTORAL GRAFFITI OF THE FIEMME VALLEY**  
Bazzanella, Marta - Ciela, Marika - Tavella, Andrea (Museo degli Usi e Costumi della Gente Trentina)
- 12:00 **DISCUSSION SLOT**



## 260 **PROBATIO DIABOLICA: ABSENCE OF EVIDENCE IS NOT EVIDENCE OF ABSENCE**

Time: 16:30 - 18:30 CEST, 7 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Stead, Stephen (Paveprime Ltd; University of the Arts London - UAL) - Bruseker, George (Getty) - Velios, Athanasios (University of the Arts London - UAL)

### ABSTRACTS

- 16:30 **FROM ABSENCE TO PRESENCE: SURFACING PARTIALLY PRESENT/ABSENT KNOWLEDGE IN FORMAL REPRESENTATIONS OF HISTORICAL KNOWLEDGE**  
Bruseker, George (Takin.solutions; ETH Zurich)
- 16:45 **METAL, WHEREFORE ART THOU? THE IMPORTANCE OF UNDERSTANDING ABSENT AND INCOMPLETE EVIDENCE WHEN CONDUCTING A HOLISTIC STUDY ON METALS**  
Aulsebrook, Stephanie (University of Warsaw)
- 17:00 **GALATIANS IN ASIA MINOR AND ARCHAEOLOGICAL HIATUS, A PROOF OF HELLENISATION?**  
Parachaud, Kevin (EA 4270 CRIHAM)
- 17:15 **NO DRAGONS HERE: RECORDING THE ABSENCE OF ARCHAEOLOGICAL REMAINS DURING FIELD SURVEY**  
Haas, Tymon (Leiden University) - van Leusen, Martijn (Rijksuniversiteit Groningen)
- 17:30 **EXPRESSING CERTAIN AND COMPLETE KNOWLEDGE ABOUT ABSENCE USING THE CIDOC-CRM**  
Velios, Athanasios (University of the Arts London)
- 17:45 **THE LINKED CONSERVATION DATA SEMANTIC TEST DATA SET**  
Stead, Stephen (Paveprime Ltd; University of the Arts, London; Delving BV)
- 18:00 **THE APPLICATION OF CRMINF TO DOCUMENTING NEGATIVE CONCLUSIONS**  
Stead, Stephen (Paveprime Ltd; University of the Arts, London; Delving BV)
- 18:15 **DISCUSSION SLOT**

## 268 **AT THE EDGE: LIMINAL ARCHITECTURE DURING THE MEDIEVAL PERIOD OR LIMINAL ARCHITECTURE: RESISTING THE STEREOTYPE**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Patrick, Laura (Queen's University Belfast) - Kerr, Sarah (Department of Archaeology, University of Sheffield) - Berryman, Duncan (Queen's University Belfast) - Huggon, Martin (Bishop Grosseteste University) - Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)



### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **LIFE IN THE MARGINS – BUILDINGS AND LIVING ENVIRONMENTS IN THE EARLY MODERN URBAN CENTRE AND PERIPHERY**  
Nilsen, Andrine (Dep. of Historical Studies)
- 15:00 **LIMINAL BUILDINGS OR LIMINAL TOWNS? IN SEARCH OF THE (EXTRA)ORDINARY IN FORM, FUNCTION AND MATERIALITY**  
Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)

- 15:15 **SPACE EXPLORATION IN MEDIEVAL VILLAGES: RELATIONSHIPS BETWEEN VILLAGES AND MANORIAL CURIAE**  
Berryman, Duncan (Queen's University Belfast)
- 15:30 **DISCUSSION SLOT**
- 15:45 **MOVING THROUGH A LANDSCAPE OF WOOD AND STONE: LOOKING AT THE BUILDING PRACTICES OF SOCIETY IN ULSTER 1400-1650 AD**  
Patrick, Laura (Queen's University Belfast)
- 16:00 **BRINGING LIMINAL TO LIGHT: FINDING MEDIEVAL PEASANT SETTLEMENT WITH DRONE IMAGERY**  
McAlister, Vicky (Southeast Missouri State University) - Immich, Jennifer (Unaffiliated)
- 16:15 **WATCHERS IN THE WASTELAND: REINTERPRETING HALLMUNDARHELLIR, A FORTIFIED CAVE ON THE MARGINS OF ICELAND'S INTERIOR**  
Smith, Kevin (Brown University, Haffenreffer Museum of Anthropology)
- 16:30 **DISCUSSION SLOT**
- 16:45 **FEATURES OF THE CHURCHES PLANNING IN FORTIFIED SETTLEMENTS ON THE DANUBE LIMES**  
Voronova, Ariadna (St Tikhon Orthodox university)
- 17:00 **RETHINKING SPACE IN THE 'OTHER MONASTICISM': SIGNIFYING RELIGIOUS LIMINALITY THROUGH ARCHITECTURAL LAYOUTS IN ENGLAND AND WIDER**  
Huggon, Martin (Bishop Grosseteste University)
- 17:15 **DISCUSSION SLOT**

## 322 **SMALL-ISLAND RESILIENCE AND VULNERABILITY**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Session with keynote presentation and discussion

Organisers: Angliker, Erica (ICS-London) - de Angelo Laky, Lilian (Department of History University of Sao Paulo)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **YERONISOS OFF CYPRUS: SMALL ISLAND, BIG SEA**  
Connelly, Joan (New York University; NYU Yeronisos Island Expedition)
- 15:00 **A BRIEF BUT DENSE HISTORY OF A QUARANTINE ISLAND: FLAT ISLAND IN THE INDIAN OCEAN**  
Cianciosi, Alessandra (University of Amsterdam; Stanford University)
- 15:15 **EXPLORING TAIWAN'S FIRST SETTLEMENT USING MODELS OF CULTURAL TRANSMISSION**  
Carrignon, Simon (Department of Anthropology, University of Tennessee; Center for the Dynamics of Social Complexity - DySoC, University of Tennessee; McDonald institute, Cambridge University) - Mesalles, Lucas (National Chung-Cheng University)
- 15:30 **"THE MOST WESTERLY OF CHRIST'S FORTRESSES": NEW RESEARCH ON THE COASTAL PILGRIMAGE TO THE ISLANDS OF SKELLIG (WORLD HERITAGE SITE)**  
Gibbons, Michael (MIAI; IQUA)
- 15:45 **THE SMALL ISLAND OF THASOPOULA: INSULARITY AND STRATEGIC CONNECTIONS IN THE NORTHERN AEGEAN**  
da Hora, Juliana (University of Sao Paulo - USP; University of Santo Amaro - UNISA)
- 16:00 **RESILIENCE AND VULNERABILITY IN A SMALL ADRIATIC ISLAND: THE CASE STUDY OF VIS IN THE CROATIAN COAST OF DALMATIA**  
Laky, Lilian (University of São Paulo)

- 16:15 **AN ISLAND THROUGH TIME: SURFACE SURVEY AND SELECTIVE OCCUPATION ON STRONGYLO (ANTIPAROS)**  
Levine, Evan (Brown University, Joukowsky Institute for Archaeology & the Ancient World; American School of Classical Studies at Athens) - Öztürk, Hüseyin (College Year in Athens) - Papadopoulou, Zozi (Ephorate of Antiquities of Cyclades, Hellenic Ministry of Culture & Sports) - Knodell, Alex (Carleton College, Department of Classics) - Nenova, Denitsa (The Norwegian Institute at Athens) - Athanasoulis, Demetrios (Ephorate of Antiquities of Cyclades, Hellenic Ministry of Culture & Sports) - Tankosić, Žarko (The Norwegian Institute at Athens; University of Bergen)
- 16:30 **RESILIENT CULTURAL LANDSCAPES AT THE SOUTHERN SHORES AND SMALL ISLANDS OF BRAZIL**  
DeBlasis, Paulo (University of São Paulo; Museum of Archaeology and Ethnology)
- 16:45 **DISCUSSION SLOT**
- 17:00 **THE IRON AGE CYCLADES, A STUDY IN RISK BUFFERING**  
Forsyth, Doug (University of St. Andrews)
- 17:15 **NETWORKS, COMPLEXITY, AND CONSUMPTION IN THE SMALL ISLANDS OF THE AEGEAN**  
Nenova, Denitsa (Norwegian Institute at Athens) - Knodell, Alex (Carleton College)
- 17:30 **SETTLEMENT, LANDSCAPE AND NETWORK DYNAMICS IN THE PREHISTORY OF THE AEOLIAN ISLANDS**  
Dawson, Helen (Dipartimento di Storia Culture Civiltà, Università di Bologna; Freie Universität Berlin) - Martinelli, Maria Clara (Parco Archeologico delle Isole Eolie, Museo Luigi Bernabò Brea) - Levi, Sara (Department of Classical and Oriental Studies, Hunter College, City University of New York) - Lo Cascio, Pietro (Associazione Nesos, Lipari) - Fiorentino, Girolamo (Dipartimento di Beni Culturali, Università del Salento)
- 17:45 **DISCUSSION SLOT**

### 330 **THE CARPATHIAN BASIN AS A MELTING POT? PERSPECTIVES ON SOCIAL AND CULTURAL DIVERSITY FROM THE NEOLITHIC TO THE BRONZE AGE**

Time: 9:00 - 18:30 CEST, 7 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Szilagyi, Kata (Móra Ferenc Museum, Szeged; University of Oslo, Institute of Archaeology, Conservation and History) - Furholt, Martin (University of Oslo, Institute of Archaeology, Conservation and History) - Hofmann, Robert (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Depaermentier, Margaux (Archaeological Institute, Department of Early Medieval and Roman Provincial Archaeology, University of Basel) - Kempf, Michael (Institute of Archaeology and Museology, Faculty of Arts, Masaryk University)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **TAKE A SEED! TRACING NEOLITHIC AGRICULTURAL DEVELOPMENT IN THE CARPATHIAN BASIN THROUGH MULTIVARIATE STATISTICS AND ENVIRONMENTAL MODELLING**  
Kempf, Michael (Masaryk University Brno)
- 9:30 **AGRICULTURE, REGIONAL VARIATION AND THE DEVELOPMENT OF SOCIAL INEQUALITY IN THE CARPATHIAN BASIN**  
Duffy, Paul R. (The Archaeology Centre, University of Toronto; Italian Academy for Advanced Studies in America, Columbia University) - Johannsen, Niels (Department of Archaeology and Heritage Studies, Aarhus University)
- 9:45 **DISCUSSION SLOT**

- 10:00 **LIKE A SAILING STONE: „CULTURAL“ CHANGE DURING THE NEOLITHIC OBSERVED IN LANDSCAPE TRANSFORMATION IN THE AREA OF GORJANI, CROATIA**  
Sosić Klindžić, Rajna (University of Zagreb Faculty of Humanities and Social Sciences) - Kalafatic, Hrvoje (Institute of Archaeology Zagreb) - Hrsak, Tomislav (Archaeological Museum Osijek) - Šiljeg, Bartul (Institute of Archaeology Zagreb)
- 10:15 **THE NEOLITHIC LANDSCAPE: A SCENE FOR THE CULTURAL DIVERSITY OF NORTHEAST HUNGARY BETWEEN 6000-4500 BC**  
Füzesi, András (Eötvös Loránd University)
- 10:30 **DISCUSSION SLOT**
- 10:45 **MERGING TOGETHER OR MELTING AWAY? NEOLITHIC TRANSITIONS IN THE NORTHERN MAROS FAN, HUNGARY**  
Salisbury, Roderick (University of Vienna, Dept. of Prehistoric and Historical Archaeology; Austrian Academy of Sciences) - Bácsmegei, Gábor (Munkácsy Mihály Museum, Békéscsaba)
- 11:00 **SOCIAL TRANSFORMATIONS IN THE LIMINAL AREAS. A MULTIDISCIPLINARY VIEW FROM IDJOŠ GRADIŠTE SITE IN THE NEOLITHIC**  
Maric, Miroslav (Balkanološki Institut Srpske Akademije Nauka i Umetnosti, Beograd, Srbija) - Mirković Marić, Neda (Međupštinski zavod za zaštitu spomenika kulture Subotica) - Bulatović, Jelena (Laboratorija za Bioarheologiju Filozofski Fakultet Univerziteta u Beogradu) - Marković, Nemanja (Arheološki institut, Beograd) - Amicone, Silvia (Competence Center Archaeometry-Baden Württemberg, University of Tübingen; Institute of Archaeology, University College London)
- 11:15 **RAKING OVER THE ASHES: INTERDISCIPLINARY STUDIES FOR ASHMOUNDS BELONGING TO NOUA CULTURE (LATE BRONZE AGE)**  
Brasoveanu, Casandra - Asăndulesei, Andrei - Tencariu, Felix-Adrian (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Brunchi, Radu-Alexandru (Doctoral School, Faculty of History, University Alexandru Ioan Cuza of Iasi) - Danu, Mihaela (Faculty of Biology, Alexandru Ioan Cuza University of Iasi) - Pîrnău, Radu Gabriel (Geography Department, Romanian Academy, Iași Branch)
- 11:30 **DISCUSSION SLOT**
- 11:45 **MODELLING THE SETTLEMENT SYSTEM OF LATE 6TH MILLENNIUM CAL BC SOUTHERN TRANS-DANUBIA: OPPORTUNITIES AND LIMITATIONS**  
Oross, Krisztián (Institute of Archaeology, RCH, Eötvös Loránd Research Network, Centre of Excellence of the Hungarian Academy of Sciences, Budapest) - Gortva, Gergely (Archaeological Heritage Protection Directorate, Hungarian National Museum, Budapest) - Jakucs, János (Institute of Archaeology, RCH, Eötvös Loránd Research Network, Centre of Excellence of the Hungarian Academy of Sciences, Budapest) - Lyublyanovics, Kyra (Archaeolingua Foundation, Budapest) - Marton, Tibor (Institute of Archaeology, RCH, Eötvös Loránd Research Network, Centre of Excellence of the Hungarian Academy of Sciences, Budapest) - Serlegi, Gábor (Castle Headquarters Integrated Regional Development Centre, Budapest) - Vágvölgyi, Bence (Independent researcher)
- 12:00 **SMELTING POT OR SALAD BOWL? NEOLITHIC CENTER-PERIPHERY RELATIONS IN THE BALKANS AND THE CARPATHIAN BASIN**  
Hofmann, Robert (Kiel University, Institute of Pre- and Protohistoric Archaeology)
- 12:15 **NEW RESEARCH ON THE LATE NEOLITHIC TELL-SETTLEMENTS IN THE GREAT HUNGARIAN PLAIN (A CASE STUDY OF THE SZEGVÁR-TÚZKÖVES SITE)**  
Raczky, Pal - Füzesi, András (ELTE Inst. of Arch.Sciences) - Mesterházy, Gábor (Várkapitányság NZrt) - Szilágyi, Kata (Móra Ferenc Museum, Szeged) - Bánffy, Eszter - Rassmann, Knut (RGK DAI) - Stibrányi, Máté - Serlegi, Gábor - Klembala, Zsombor (Várkapitányság NZrt)
- 12:30 **A MINIMALLY INVASIVE AND MULTISCALAR APPROACH TO THE INVESTIGATION OF TELL SETTLEMENTS USING THE EXAMPLE OF THE BAPSKA SITE**  
Scholz, Roman (RGK - Romano-Germanic Commission DAI)
- 12:45 **DISCUSSION SLOT**

- 14:30 **EARLY NEOLITHIC LITHIC RAW MATERIALS – EVIDENCE OF TRADE OR DIRECT ACQUISITION?**  
Sommer, Ulrike (Institute of archaeology, UCL)
- 14:45 **THE IMPLICIT ASSUMPTION OF STONE TOOL DIVERSITY PATTERNS: EXPLORING ECONOMIC, SOCIAL AND RITUAL VALUATION PROCESSES OF LITHIC MATERIALS**  
Szilágyi, Kata (Mora Ferenc Museum)
- 15:00 **CHALLENGING TIMES - CULTURES, GROUPS AND POTTERY STYLES IN EASTERN CENTRAL EUROPE IN 4500-4000 CAL BC**  
Szilágyi, Márton (Eötvös Loránd University)
- 15:15 **CONNECTIONS AND RELATIONS BETWEEN THE CULTURES FROM LATE COPPER AGE TO EARLY BRONZE AGE IN EASTERN CROATIA**  
Balen, Jacqueline (Archaeological museum in Zagreb) - Miloglav, Ina (Department of Archaeology, Faculty of Humanities and Social Sciences, University of Zagreb)
- 15:30 **DISCUSSION SLOT**
- 15:45 **VRÁBLE IN CONTEXT: THE VARIABILITY OF BURIAL AND DEPOSITION PRACTICES IN NEOLITHIC SETTLEMENTS OF THE CARPATHIAN BASIN AND BEYOND**  
Furholt, Martin (University of Oslo) - Cheben, Ivan (Slovakian Academy of Sciences Nitra)
- 16:00 **TRANSMISSIONS OF THE MIDDLE COPPER AGE PATTERNS FROM THE CARPATHIAN BASIN TO LESSER POLAND AND THEIR LOCAL ADAPTATIONS**  
Wilk, Stanislaw (Jagiellonian University in Krakow, Institute of Archaeology; The Karkonosze Museum in Jelenia Góra) - Nowak, Marek (Jagiellonian University in Krakow, Institute of Archaeology)
- 16:15 **DISCUSSION SLOT**
- 16:30 **STARČEVO – KÖRÖS – CRIŞ REGIONAL AND MACRO-REGIONAL PALAEODEMOGRAPHY**  
Blagojevic, Tamara (University of Novi Sad, Biosense Institute) - Porčić, Marko (University of Belgrade, Faculty of Philosophy, Department of Archaeology) - Stefanović, Sofija (University of Belgrade, Faculty of Philosophy, Department of Archaeology; University of Novi Sad, Biosense Institute)
- 16:45 **LOCAL COMMUNITIES AND LARGE SCALE MOVEMENT OF POPULATION IN THE CARPATHIAN BASIN: NEW PERSPECTIVES ON NEOLITHIC MOBILITY USING ISOTOPE ANALYSES**  
Depaermentier, Margaux (Department of Prehistoric, Early Historic, and Provincial Roman Archaeology, Vindonissa Professur, University of Basel) - Kempf, Michael (Department of Archaeology and Museology, Masaryk University, Brno; Institute of Environmental Social Science and Geography, University of Freiburg) - Bánffy, Eszter (German Archaeological Institute, Roman Germanic Commission) - Alt, Kurt (Center of Natural and Cultural Human History, Danube Private University; Integrative Prehistory and Archaeological Science, University of Basel)
- 17:00 **BORDERS? - WHICH BORDERS?**  
Schwenzer, Gerit (no affiliation)
- 17:15 **DISCUSSION SLOT**

### 337 **DECIPHERING TURNING POINTS IN HUMAN-ENVIRONMENTAL INTERACTION**

Time: 9:00 - 16:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Feeser, Ingo (Institute for Pre- and Protohistoric Archaeology, Christian-Albrechts-University of Kiel) - Dreibrodt, Stefan (Institute for Ecosystem Research, Christian-Albrechts-University of Kiel) - Niebieszczanski, Jakub (Faculty of Archaeology, Adam Mickiewicz University in Poznań) - Robin, Vincent (Interdisciplinary Laboratory for Continental Environments, CNRS, Lorraine University) - Wiethold, Julian (Institut national de recherches archéologiques préventives - Inrap, Direction régionale Grand Est Alsace - Champagne Ardenne - Lorraine Laboratoire archéobotanique)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **HUMAN-ENVIRONMENT INTERACTIONS IN THE BELGIAN DIJLE-DEMER CATCHMENT (800 BC-1000 AD) – AN INTERDISCIPLINARY APPROACH**  
van Zon, Marleen (Faculty of Arts, Centre for Archaeological Research of Landscapes, KU Leuven; Faculty of Sciences, Dept. Earth and Environmental Sciences, Division of Geography and Tourism, KU Leuven) - Vanmontfort, Bart (Faculty of Arts, Centre for Archaeological Research of Landscapes, KU Leuven) - Verstraeten, Gert - Broothaerts, Nils (Faculty of Sciences, Dept. Earth and Environmental Sciences, Division of Geography and Tourism, KU Leuven)
- 9:30 **PREHISTORIC AND HISTORIC TURNING POINTS IN CENTRAL GREATER POLAND SEEN THROUGH GEOARCHAEOLOGICAL STUDY OF BRUSZCZEWO SETTLEMENT COMPLEX IN SAMICA VALLEY**  
Niebieszczanski, Jakub - Hildebrandt-Radke, Iwona - Kołaczek, Piotr - Rządziejewicz, Monika (Adam Mickiewicz University in Poznań)
- 9:45 **'XEROS' OR NOT? : THE XEROS RIVER VALLEY IN CYPRUS AND ITS HISTORY THROUGH THE AGES**  
Mylona, Pantelitsa - Vionis, Athanasios (University of Cyprus) - Devillers, Benoît (UMR5140: AMS-CNRS-Université de Montpellier 3)
- 10:00 **HOLOCENE GEOMORPHODYNAMICS OF THE TEKKEDERE VALLEY, PERGAMON MICRO-REGION (WEST TURKEY) AND THE INTERACTIONS BETWEEN HUMANS AND THE ENVIRONMENT**  
Yang, Xun - Becker, Fabian (Freie Universität Berlin) - Knitter, Daniel (Christian-Albrechts-Universität zu Kiel) - Schütt, Brigitta (Freie Universität Berlin)
- 10:15 **WHAT HAPPENED AFTER GÖBEKLI TEPE? HUMAN-ENVIRONMENTAL INTERACTIONS IN THE URFA REGION FROM A HISTORICO-CULTURAL AND NATURAL SCIENCE PERSPECTIVE**  
Braun, Ricarda (Freie Universität Berlin) - Ögüt, Birgül (Deutsches Archäologisches Institut) - Lange, Matthias (Humboldt Universität Berlin) - Nykamp, Moritz (Freie Universität Berlin) - Knitter, Daniel (Christian-Albrechts-Universität zu Kiel) - Schütt, Brigitta (Freie Universität Berlin)
- 10:30 **FIRE HISTORY ASSESSMENT IN HIGH SPATIAL RESOLUTION OF LOW MOUNTAIN RANGES IN WESTERN EUROPE: EVIDENCES FOR PAST LAND USE?**  
Robin, Vincent (LIEC - Lorraine University - CNRS)
- 10:45 **DISCUSSION SLOT**
- 11:00 **IS THE KUNGUR FOREST-STEPPE (PRE-URALS, RUSSIA) A CULTURAL LANDSCAPE?**  
Shumilovskikh, Lyudmila - Schmidt, Monika (Georg-August-Universität Göttingen) - Mingalev, Vitaliy (Higher School of Economics) - Pereskokov, Mikhail - Sannikov, Pavel (Perm State University)
- 11:15 **ESR DATING DEPOSITS FROM MIROSAVA CAVE, EASTERN SERBIA: CLUES TO MID MIS 3 (DO 14) HUMAN/ CARNIVORE INTERACTIONS**  
Blackwell, Bonnie Blackwell, Bonnie (RFK Science Research Institute; Dept. of Chemistry, Williams College) - Wolfe, Gabrielle - Skinner, Anne (Dept. of Chemistry, Williams College) - Plavšić, Senka - Mihailović, Dušan - Dimitrijević, Vesna (Department of Archaeology, Faculty of Philosophy, Belgrade University) - Dogandžić, Tamara (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - D. Costa, Jonathan - Yang, Diana - Singh, Impreet (RFK Science Research Institute)
- 11:30 **TEPHRA CRYPTOGRAPHY IN NORTH MACEDONIA: PLEISTOCENE SEDIMENTARY RADIOACTIVITY ANALYSES IN PALEOLITHIC DEPOSITS AT GOLEMA PEŠT**  
Blickstein, Joel (RFK Science Research Institute) - Blackwell, Bonnie (RFK Science Research Institute; Dept. of Chemistry, Williams College) - Šalamanov-Korobar, Ljiljana - Kitanovski, Blagoja (National Institution Archaeological Museum of the Republic of North Macedonia, Skopje) - Li, Raymond - Li, Richard - Yang, Diana (RFK Science Research Institute) - Spirova, Marina (National Institution Archaeological Museum of the Republic of North Macedonia, Skopje) - D'Costa, Jonathan - Fajja, Mehrin (RFK Science Research Institute)
- 11:45 **FRESH PERSPECTIVE ON THE LATE NEOLITHIC ABORA SITE IN LATVIA**  
Legzdina, Dardega - Zariņa, Gunita (Institute of Latvian History, University of Latvia)

- 12:00 **SOIL (TRANS)FORMATION IN THE CENTRAL EUROPEAN LOESS ZONE AS EVIDENCE OF ENVIRONMENTAL CHANGE AND HUMAN ACTIVITY DURING THE HOLOCENE**  
Krupski, Mateusz (Archeolodzy.org Foundation; Institute of Soil Science and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Kabała, Cezary (Institute of Soil Science and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Mackiewicz, Maksym (Archeolodzy.org Foundation) - Przybył, Agnieszka (Institute of Archaeology, University of Wrocław)
- 12:15 **CHANGES AT THE TURN OF 6000-5000 BC AND THE ROUNDEL AT NOWE OBJEZIERZE IN THE LIGHT OF THE PALYNOLOGICAL RECORD**  
Czerniak, Lech - Pędziszewska, Anna - Święta-Musznicka, Joanna (University of Gdansk) - Matuszewska, Agnieszka (University of Szczecin) - Tylman, Wojciech (University of Gdansk)
- 12:30 **BEGINNING OF THE PREHISTORIC TRANSHUMANCE IN THE POLISH CARPATHIANS. THE CASE OF THE HIGH BIESZCZADY MOUNTAINS (SE POLAND)**  
Pelisiak, Andrzej (Institute of Archaeology, University of Rzeszów)
- 12:45 **DISCUSSION SLOT**
- 14:30 **THE SURPRISING OMNIPRESENCE OF OAK IN THE 3RD AND 2ND MILLENNIA CAL BC IN THE SOUTHEASTERN IBERIAN PENINSULA**  
Celma Martínez, Mireia (Prehistory Department, Autonomous University of Barcelona)
- 14:45 **CHANGING LAND-USE PRACTICES DURING THE BRONZE AGE IN NORTHERN GERMANY: NEW INSIGHTS FROM THE ARCHAEOLOGICAL SITE MANG DE BARGEN, SCHLESWIG-HOLSTEIN**  
Feeser, Ingo - Schaefer-Di Maida, Stefanie - Filipovic, Dragana - Kneisel, Jutta (Institute of Pre- and Protohistoric Archaeology, Christian Albrecht University, Kiel) - Dreibrodt, Stefan (Institute for Ecosystem Research, Christian Albrecht University, Kiel)
- 15:00 **MEDIEVAL MINING AND ITS IMPACT ON PEAT RECORDS: A CASE STUDY FROM CRUZ DO BOCELO MIRE (NW IBERIA)**  
Silva-Sánchez, Noemí (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - Biester, Harald (Technische Universität Braunschweig, Institute of Geoecology) - López-Merino, Lourdes (Universidad Complutense de Madrid, Facultad de Farmacia, Unidad de Botánica, ENVIROVEG, grupo UCM 910164) - Armada, Xosé-Lois (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - Martínez Cortizas, Antonio (Universidade de Santiago de Compostela, Facultade de Bioloxía, EcoPast, GI-1553)
- 15:15 **HOW JOANNITES' ECONOMY ERADICATED PRIMEVAL FOREST AND CREATED ANTHROECOSYSTEMS IN MEDIEVAL CENTRAL EUROPE**  
Lamentowicz, Mariusz - Marcisz, Katarzyna (Adam Mickiewicz University, Poznań) - Guzowski, Piotr (University of Białystok, Białystok) - Gałka, Mariusz (University of Lodz, Lodz) - Diaconu, Andrei-Cosmin (Babes-Bolyai University, Cluj-Napoca) - Kołaczek, Piotr (Adam Mickiewicz University, Poznań)
- 15:30 **ENVIRONMENTAL IMPLICATIONS OF PAST SOCIOECONOMIC EVENTS IN GREATER POLAND DURING THE LAST 1200 YEARS. SYNTHESIS OF PALEOECOLOGICAL AND HISTORICAL DATA**  
Czerwinski, Sambor (Climate Change Ecology Research Unit, Adam Mickiewicz University) - Guzowski, Piotr (Center for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe University of Białystok) - Lamentowicz, Mariusz (Climate Change Ecology Research Unit, Adam Mickiewicz University) - Gałka, Mariusz (Department of Geobotany and Plant Ecology, Faculty of Biology and Environmental Protection, University of Lodz) - Karpińska-Kołaczek, Monika (Climate Change Ecology Research Unit, Adam Mickiewicz University; Center for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) - Poniat, Radosław (Center for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) - Łokas, Edyta (Department of Mass Spectrometry, Institute of Nuclear Physics Polish Academy of Sciences) - Diaconu, Andrei (Department of Geology, Babes, -Bolyai University) - Miecznik, Magdalena (Department of Nuclear Physical Chemistry, Institute of Nuclear Physics Polish Academy of Sciences) - Kołaczek, Piotr (Climate Change Ecology Research Unit, Adam Mickiewicz University)

- 15:45 **SOIL MACROFOSSILS AS A LAND-USE MARKER: A CASE STUDY FROM NORTHERN LADOGA, RUSSIA**  
Salova, Julia (Kazan Federal University) - Belsky, Stanislav (Peter the Great Museum of Anthropology and Ethnography - the Kunstkamera) - Ponomarenko, Elena (University of Ottawa)
- 16:00 **PYROGENIC ARCHIVES OF THE CULTURAL LAYERS ON THE TERRITORY OF THE MEDIEVAL CITY OF YAROSLAVL**  
Engovatova, Asya (Institute of Archaeology Russian Academy of Sciences) - Golyeva, Alexandra (Institute of Geography RAS)
- 16:15 **DISCUSSION SLOT**

**POSTERS:**

- A. **SOCIETAL RESPONSE TO VOLCANIC ERUPTIONS: HAZARDS IN THE LATE ANTIQUE, MIGRATION PERIOD AND THE BRONZE AGE**  
Alinezhad, Khadijeh (Independent researcher)

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### **341 WIDE HORIZONS - NO LIMITS? DYNAMICALLY FORMULATING THE BOUNDARIES OF ARCHAEOLOGY**

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Discussion session

Organisers: Lindstrom, Torill Christine (Department of Psychosocial Science, Faculty of Psychology, University of Bergen; Sapientia CoE, Faculty of Humanities, University of Bergen) - Zubrow, Ezra (Dept. of Anthropology, University of Buffalo)

**ABSTRACTS**

- 14:30 **EMPHASIZING THE BOUNDARIES--ARCHAEOLOGY VS BIOANTHROPOLOGY**  
Smith, Elizabeth (State University of New York University at Buffalo)
- 14:40 **SHIP OF THESEUS - UNTIL WHEN CAN WE SAY IT IS HIS BOAT?**  
Ribeiro, Artur (Christian-Albrechts-Universität)
- 14:50 **UNDERFUNDED OR SIMPLY OVEREXTENDED? ARCHAEOLOGICAL HERITAGE MANAGEMENT IN AUSTRIA**  
Karl, Raimund (Universität Wien)
- 15:00 **BORDER AND BOUNDARY CONDITIONS OF ARCHAEOLOGY: ARCHAEOLOGICAL LIMITS**  
Zubrow, Ezra (University of Toronto; University at Buffalo)
- 15:10 **MULTIPLE "REALITIES" OF ARCHAEOLOGICAL BORDERLANDS**  
Diachenko, Aleksandr (NAS of Ukraine, Institute of Archaeology of the NAS of Ukraine)
- 15:20 **STRETCHING OUTSIDE OF THE BOX, OR JUST REINFORCING THE WALLS? ARCHAEOLOGY AND MULTI-DISCIPLINARITY IN THE ERA OF THE NEO-LIBERAL ACADEMY**  
Nilsson Stutz, Liv (Linnaeus University)
- 15:40 **WHAT ABOUT ARCHAEOLOGY?**  
Pyrgaki, Marie (Paris I, Pantheon-Sorbonne; Hellenic Open University)
- 15:50 **DISCUSSION SLOT**

## 346 MORTALITY, MATERIALITY, AND MEANING – EMPLOYING ARCHAEOLOGICAL MATERIAL SCIENCE FOR THE RECONSTRUCTION OF FUNERARY AND RITUAL PRACTICES

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Fundurulic, Ana (Sapienza University of Rome; University of Évora, HERCULES Laboratory) - MacRoberts, Rebecca (University of Évora, HERCULES Laboratory)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 EXPLORING THE QUANTITATIVE WEALTH OF PAST PEOPLE. A CASE STUDY FROM SULTANA-MALU ROȘU CEMETERY (ENEOLITHIC, ROMANIA)  
Radu, Valentin (University of Bucharest) - Mărgărit, Monica ('Valahia' University of Târgoviște, Romania; 'Vasile Pârvan' Institute of Archaeology) - Lazăr, Cătălin (University of Bucharest)
- 9:30 CANOPIC JARS OF THE ALTAI MUMMIES  
Ochir-Goryaeva, Maria (Kalmyk Research Center Russian Academy of Sciences)
- 9:45 FOOD AND BEVERAGES AT THE FUNERARY BANQUET OF VILLANOVAN VERUCCHIO (RN, ITALY): FIRST RESULTS OF CONTEXTUAL AND BIOMOLECULAR ANALYSES  
Patrizi, Giulia (Laboratory of Analytical and Isotopic Mass Spectrometry, University of Salento)
- 10:00 DISCUSSION SLOT
- 10:15 NEOLITHIC STONE CIST GRAVES OF THE AOSTA VALLEY (NORTHERN ITALY). CLARIFYING THE 5TH MILLENNIUM BC CHRONOLOGY OF WESTERN ALPINE CEMETERIES  
Steuri, Noah (Department of Prehistory, Institute of Archaeological Sciences, University of Bern) - Martinet, Francesca - Raiteri, Luca (Regione autonoma Valle d'Aosta, Dipartimento Soprintendenza per i beni e le attività culturali) - Milella, Marco (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Szidat, Sönke (Department of Chemistry and Biochemistry, University of Bern, Switzerland; Oeschger Centre for Climate Change Research - OCCR, University of Bern) - Löscher, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Hafner, Albert (Department of Prehistory, Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern)
- 10:30 FUNERARY ACTIVITY IN THE CAVES OF THE WESTERN PYRENEES DURING THE LATE PREHISTORY: NEW RADIOCARBON DATES OF HUMAN REMAINS  
Cubas, Miriam (Universidad de Alcalá; Sociedad de Ciencias Aranzadi) - Peyroteo-Stjerna, Rita (Uppsala University; UNIARQ, Centro de Arqueología, University of Lisbon) - Quevedo-Semperena, Izaro (University of Valladolid; Sociedad de Ciencias Aranzadi) - Tapia, Jesús (Sociedad de Ciencias Aranzadi) - Armendariz, Ángel (Instituto Internacional de Investigaciones Prehistóricas de Cantabria-Universidad de Cantabria; Sociedad de Ciencias Aranzadi) - Rios-Garaizar, Joseba (CENIEH-Centro Nacional de Investigación de La Evolución Humana) - Santamaria, Urko (High Yield Research Group of Prehistory. Universidad del País Vasco/Euskal Herriko Unibertsitatea) - López-Onaindia, Diego (Université de Bordeaux) - Gómez-Olivencia, Asier (Dpto. Geología, Facultad de Ciencia y Tecnología, Universidad del País Vasco/Euskal Herriko Unibertsitatea; Sociedad de Ciencias Aranzadi; Centro UCM-ISCIII de Investigación sobre Evolución y Comportamiento Humanos)
- 10:45 ONE REGION, TWO RITUALS, SAME POPULATIONS? ARCHAEOLOGICAL-ANTHROPOLOGICAL REMARKS ON THE MEDIEVAL BURIALS IN THE ROMANIAN PLAIN  
Vasile, Gabriel - Ionita, Adrian ("Vasile Pârvan" Institute of Archaeology, Romanian Academy)
- 11:00 DISCUSSION SLOT

- 11:15 HUGGING IN DEATH: A CASE OF AN UNUSUAL GRAVE FROM THE LATE ANTIQUITY SITE OF GRMUŠINA KOSA (SERBIA)  
Djukic, Ksenija (Laboratory for Anthropology, Faculty of Medicine, Belgrade) - Jončić, Nenad (Faculty of Humanities, University of Primorska) - Milenković, Petar (Laboratory for Anthropology, Institute of Anatomy, Faculty of Medicine, University of Belgrade; Institute of Oncology and Radiology of Serbia - National Cancer Research Center) - Živković, Maja (Institute for the Protection of Cultural Monuments Pancevo) - Nikolić, Veda - Pavlović, Tamara (Laboratory for Anthropology, Institute of Anatomy, Faculty of Medicine, University of Belgrade)
- 11:30 THE POPULATION GROUP OF CALLE DINAMARCA (VALENCINA DE LA CONCEPCION). A SOCIOCULTURAL AND ARCHAOMETRIC APPROACH  
Morillo León, José Miguel (Institut für Ur- und Frühgeschichte/Christian-Albrechts-Universität zu Kiel) - Pajuelo Pando, Ana - López Aldana, Pedro (HUM949. Grupo de Investigación Tellus. Prehistoria y Arqueología en el sur de Iberia Departamento de Prehistoria y Arqueología) - Gavilán Zaldúa, Maria - Serrano Castilla, Beatriz - Rojas Aledo, Violeta (Independent)
- 11:45 ROMAN FUNERARY PRACTICES IN AUGUSTA EMERITA: DIFFERENTIATED SUBADULT BURIALS FROM 2ND TO 4TH CENTURY (AD)  
García-Moreno, Carlos (EcoPast - GI-1553, Faculty of Biology, University of Santiago de Compostela) - Andújar Suárez, Ana (Roman Cities Research Group, Faculty of Geography and History, Complutense University of Madrid) - Murciano-Calles, José - Sabio González, Rafael (National Museum of Roman Art, Mérida)
- 12:00 DISCUSSION SLOT
- 12:15 IDENTITY AND MORTALITY: RECONSTRUCTING ORIGINS OF A MEDIEVAL ISLAMIC POPULATION IN SANTARÉM, PORTUGAL THROUGH AN ISOTOPIC STUDY OF SKELETAL REMAINS  
MacRoberts, Rebecca (HERCULES laboratory- University of Evora) - Teixeira, João (Australian Centre for Ancient DNA, School of Biological Sciences, The University of Adelaide) - Liberato, Marco (Centro de Estudos de Arqueologia, Artes e Ciências de Património) - Valente, Maria João (Faculty of Human and Social Sciences, University of Algarve) - Relvado, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Barrocas Dias, Cristina (HERCULES Laboratory, University of Évora; School of Technology Sciences, Department of Chemistry, University of Évora) - Matos Fernandes, Teresa (Research Centre for Anthropology and Health - CIAS, University of Coimbra; School of Technology Sciences, Department of Biology, University of Évora) - Barros, Filomena - Vasconcelos Vilar, Herminia (School of Social Sciences- CIDEHUS, University of Évora) - Maurer, Anne-France (HERCULES Laboratory, University of Évora)
- 12:30 CHILDHOOD, DIET AND RELIGION: THE STUDY OF BREASTFEEDING AND WEANING PATTERNS IN TWO MEDIEVAL PORTUGUESE POPULATIONS  
Relvado, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - MacRoberts, Rebecca (HERCULES Laboratory, University of Évora) - Fernandes, Teresa (Research Center in Anthropology and Health, University of Coimbra; School of Science and Technology, Department of Biology, University of Évora) - Umbelino, Cláudia (Research Center in Anthropology and Health, University of Coimbra; Department of Life Sciences, University of Coimbra) - Dias, Cristina (HERCULES Laboratory, University of Évora; School of Science and Technology, Department of Chemistry, University of Évora) - Maurer, Anne-France (HERCULES Laboratory, University of Évora)
- 12:45 DISCUSSION SLOT

### POSTERS:

- A. STABLE CARBON AND NITROGEN ISOTOPES OF SKELETAL REMAINS AS EVIDENCE OF DIET IN MEDIEVAL SANTARÉM (PORTUGAL)  
Leite, Adriana (Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra) - Maurer, Anne-France (HERCULES Laboratory, Chemistry Department, University of Évora) - Relvado, Cláudia - Umbelino, Cláudia (ICArEHB, University of Algarve; Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra) - Silva, Ana Maria (Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra; UNIARQ, University of Lisbon; CEF, Department of Life Sciences, University of Coimbra)

## 360 ROCK ART TECHNOLOGY: THEORETICAL AND METHODOLOGICAL APPROACHES. PART 1

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Santos da Rosa, Neemias (University of Barcelona) - Zotkina, Lydia (Institute of Archaeology and Ethnography of Siberian Branch of Russian Academy of Sciences)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 THE TECHNOLOGY OF THE NON-FIGURATIVE RED PAINTINGS FROM EL CASTILLO CAVE, SPAIN: INVASIVE AND NON-INVASIVE ANALYSIS  
Dayet, Laure (Travaux et Recherches Archéologiques sur les Cultures, les Espaces et les Sociétés, UMR5608 CNRS-Université Toulouse Jean Jaurès) - d'Errico, Francesco (PACEA, Préhistoire, Paléoenvironnement, Patrimoine, UMR 5199 CNRS-Université de Bordeaux; Department of Archaeology, History, Cultural Studies and Religion, University of Bergen) - García Diez, Marcos (Department of Prehistory, Ancient History and Archaeology, Complutense University of Madrid) - Pitarch Martí, Africa (PACEA, Préhistoire, Paléoenvironnement, Patrimoine, UMR 5199 CNRS-Université de Bordeaux; Seminari d'Estudis i Recerques Prehistòriques - SERP, Departament d'Història i Arqueologia, Universitat de Barcelona) - Zilhão, João (Seminari d'Estudis i Recerques Prehistòriques - SERP, Departament d'Història i Arqueologia, Universitat de Barcelona; Institució Catalana de Recerca i Estudis Avançats - ICREA)
- 15:00 A MULTI-TECHNICAL ANALYTICAL APPROACH FOR THE STUDY OF LEVANTINE AND SCHEMATIC PAINTINGS AT EL CARCHE ROCK ART SITE (JALANCE, SPAIN)  
Chieli, Annalisa (Fundació Bosh i Gimpera/Universitat de Barcelona//LArchHer, Department of History and Archaeology) - Domingo, Inés (ICREA, Universitat de Barcelona, SERP, Department of History and Archaeology) - Vendrell, Marius - Giráldez, Pilar (Patrimoni 2.0 Consultors)
- 15:15 RED OCHRE OR SOMETHING ELSE? GEOCHEMICAL TESTS ON FINNISH ROCK ART PAINTS  
Kailamaki, Uine - Holmqvist-Sipilä, Elisabeth (University of Helsinki) - Vajanto, Krista (Nanoscience Center of Aalto University) - Lahelma, Antti (University of Helsinki)
- 15:30 ANOTHER RAW MATERIALS IN RECEIPT OF OCHRE ON ROCK PAINTINGS OF EASTERN PAMIR?  
Solodeynikov, Alexey (Museum-reserve "Shulgán-Tash cave") - Zotkina, Lydia (Institute of Archaeology and Ethnography SB RAS) - Abolonkova, Irina ("Tomskaya Pisaniitsa" Museum-Reserve)
- 15:45 TOOLS, PIGMENTS AND BINDERS: AN EXPERIMENTAL APPROACH TO LEVANTINE ROCK ART TECHNOLOGY  
Santos da Rosa, Neemias (University of Barcelona) - Fiore, Danae (Consejo Nacional de Investigaciones Científicas y Técnicas - CONICET; University of Buenos Aires) - Viñas, Ramon (Institut Català de Paleoeologia Humana i Evolució Social - IPHES)
- 16:00 DISCUSSION SLOT
- 16:15 MICROPHOTOGRAMMETRY APPLICATION TO THE TECHNO-TRACEOLOGICAL STUDY OF ENGRAVINGS. THE CASE OF ATXURRA CAVE (NORTHERN SPAIN)  
García Bustos, Paula - Rivero Vilá, Olivia (Universidad de Salamanca) - Ríos-Garaizar, Joseba (Centro Nacional de Investigación en Evolución Humana) - Intxaurbe, Iñaki (Universidad del País Vasco) - García Bustos, Miguel (Universidad de Salamanca) - Garate Maidagan, Diego (Universidad de Cantabria)
- 16:30 INSTRUMENTS AND WEAPONS OF THE TAGAR CULTURE AS TOOLS FOR PICKETAGE: USE-WEAR ANALYSIS  
Davydov, Roman (Laboratory of Paleotechnologies, Institute for the Humanities, Novosibirsk state university)
- 16:45 THE ROCK ART PRODUCTION IN THE ROMANELLI CAVE (SOUTHERN ITALY)  
Sigari, Dario (Dipartimento di Studi Umanistici, Sezione Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara; Geosciences Center, Coimbra University) - Ranaldo, Filomena (Museo della Preistoria di

Nardò; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U.R. Preistoria e Antropologia, Università degli Studi di Siena) - Mazzini, Ilaria (IGAG-CNR, Monterotondo - RM) - Forti, Luca (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano; IGG-CNR) - Bona, Fabio (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano) - Mecozzi, Beniamino (Dipartimento Scienze della Terra, Sapienza Università di Roma; Laboratorio PaleoFactory, Dipartimento Scienze della Terra, Sapienza Università di Roma) - Lembo, Giuseppe (Associazione Culturale Archeoldea, Campobasso) - Muttillio, Brunella (Dipartimento di Studi Umanistici, Sezione Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara; Associazione Culturale Archeoldea, Campobasso) - Sardella, Raffaele (Dipartimento Scienze della Terra, Sapienza Università di Roma)

- 17:00 ENGRAVINGS, ROCKS AND USE-WEAR ANALYSIS: AN EXPERIMENTAL APPROACH  
López-Tascón, Cristina (Universidad de Oviedo)
- 17:15 PIGMENT APPLICATION TECHNIQUES IN PRE-MAGDALENIAN PORTABLE ART FROM PAPPALÓ CAVE, GANDÍA, SPAIN  
Rosso, Daniela (Departamento de Prehistoria, Arqueología e Historia Antigua, Grupo de Investigación Prehistoria del Mediterráneo Occidental - PREMEDOC, University of Valencia; CNRS - CEPAM UMR 7264, Université Côte d'Azur) - Cantó, Ana (Departamento de Prehistoria, Arqueología e Historia Antigua, Grupo de Investigación Prehistoria del Mediterráneo Occidental - PREMEDOC, University of Valencia) - Roldán García, Clodoaldo - Murcia Mascarós, Sonia (Institute of Material Science - ICMUV, University of Valencia) - Villaverde Bonilla, Valentín (Departamento de Prehistoria, Arqueología e Historia Antigua, Grupo de Investigación Prehistoria del Mediterráneo Occidental - PREMEDOC, University of Valencia)
- 17:30 MANUFACTURING PAINTED PORTABLE ART: AN EXPERIMENTAL APPROACH  
Cantó, Ana (Dpto. de Prehistòria, Arqueologia i Història Antiga, Universitat de València. PREMEDOC) - Rosso, Daniela Eugenia (Dpto. de Prehistòria, Arqueologia i Història Antiga, Universitat de València. PREMEDOC; CNRS - CEPAM UMR 7264, Université Côte d'Azur) - Roldán García, Clodoaldo - Murcia Mascarós, Sonia (Institute of Material Science - ICMUV, University of Valencia) - Villaverde, Valentín (Dpto. de Prehistòria, Arqueologia i Història Antiga, Universitat de València. PREMEDOC)
- 17:45 DISCUSSION SLOT

## 365 "INVISIBLE PRODUCTS"- SCIENTIFIC ADVANCEMENTS IN IDENTIFYING ANIMAL SECONDARY PRODUCTS AND THEIR CONTRIBUTION TO UNDERSTANDING ANIMAL DOMESTICATION AND HUMAN-ANIMAL RELATIONSHIPS

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Gur-Arieh, Shira (Institute for Prehistoric and Protohistoric Archeology and Provincial Roman Archeology, Ludwig-Maximilians-University, Munich; CaSEs Research Group - Culture and Socio-Ecological Dynamics, Department of Humanities - Universitat Pompeu Fabra, Barcelona) - Madella, Marco (CaSEs Research Group - Culture and Socio-Ecological Dynamics, Department of Humanities - Universitat Pompeu Fabra, Barcelona) - Spiteri, Cynthianne (Institute for Prehistory, Early History and Medieval Archeology, Eberhard Karls University Tübingen)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 RETHINKING THE ROLE OF ANIMAL DUNG AS A PIVOTAL ELEMENT IN HUMAN ADAPTATION TO A SEDENTARY LIFESTYLE  
Gur-Arieh, Shira (Ludwig-Maximilians-Universität München; CaSEs, Department of Humanities, Universitat Pompeu Fabra) - Madella, Marco (ICREA - CaSEs, Department of Humanities, Universitat Pompeu Fabra)

- 15:00 **HUMANS AND ANIMALS IN CLOSE PROXIMITY – A STUDY OF THE DUNG FROM AENEOLITHIC MONJUKLI DEPE IN SOUTHERN TURKMENISTAN**  
Ögüt, Birgül (German Archaeological Institute, Oriental Department, Berlin) - Cereda, Susanna (Universität Innsbruck, Institut für Archäologien, Mikroarchäologisches Labor)
- 15:15 **“ALL WOOL AND NO SHODDY”, AN INTER-DISCIPLINARY STUDY OF CLOTH PRODUCTION AT IRON AGE TELL ES-SAFI/GATH**  
Cassuto, Deborah (Bar Ilan University; Albright Institute of Archaeological Research) - Kolska Horwitz, Liora (Hebrew University) - Maeir, Aren (Bar Ilan University)
- 15:30 **THE FIRST EVIDENCE OF WOOL FROM EARLY BRONZE AGE GRAVES IN POLAND (C. 2000 BC)**  
Kurzawska, Aldona (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Mrozek-Wysocka, Małgorzata (Institute of Geology Adam Mickiewicz University) - Hyrczała, Anna (Regional Museum in Hrubieszów) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology Adam Mickiewicz University) - Włodarczak, Piotr (Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 15:45 **(IN)VISIBLE WOOL IN IN THE PREHISTORIC AEGEAN TEXTILE PRODUCTION**  
Siennicka, Malgorzata (University of Göttingen, Institute of Archaeology)
- 16:00 **“BAA, BAA BLACK SHEEP, HAVE YOU ANY WOOL?” WOOL TRADE NETWORKS EVALUATED THROUGH STRONTIUM ISOTOPE ANALYSES AT BORGUND KAUPANG, NORWAY**  
Smith, Michele Hayeur (Haffenreffer Museum of Anthropology, Brown University) - Dahle, Kristoffer (Møre og Romsdal fylkeskommune)
- 16:15 **DISCUSSION SLOT**
- 16:30 **REINDEER AS TRACTION: NEW METHODS FOR IDENTIFICATION OF WORKING REINDEER AND ARCHAEOLOGICAL EVIDENCE FROM NORTHEASTERN FENNOSCANDIA**  
Salmi, Anna-Kaisa - van den Berg, Mathilde - Niinimäki, Sirpa - Pelletier, Maxime (University of Oulu)
- 16:45 **RAISING AWARENESS OF THE INVISIBLE: POLYVALENT EXPLOITATION OF THE FIRST CATTLE HERDS IN EARLY NEOLITHIC IN NE IBERIA**  
Miralda, Joaquim - Sierra Sainz-Aja, Alejandro (Archaeozoology laboratory, GRAMPO, Department of Prehistory, Autonomous University of Barcelona) - Tarifa-Mateo, Nàdia (Institut de Chimie de Strasbourg UMR 7177, CNRS, Université de Strasbourg) - Alcántara Fors, Roger (Archaeozoology laboratory, GRAMPO, Department of Prehistory Autonomous University of Barcelona; Pre-EINA Estudis Interdisciplinaris i Noves Aplicacions en Prehistòria, Jaume I University) - Saña Seguí, Maria (Archaeozoology laboratory, GRAMPO, Department of Prehistory, Autonomous University of Barcelona)
- 17:00 **SECONDARY ANIMAL PRODUCTS IN AFRICAN SOCIETIES. A CASE STUDY FROM THE EARLY IRON AGE SITE OF LYDENBURG HEADS, SOUTH AFRICA**  
Becher, Julia (University of Tuebingen) - Schoeman, Alex (University of the Witwatersrand) - Buckley, Stephen (University of York; University of Tuebingen) - Whitelaw, Gavin (KwaZulu-Natal Museum) - Celliers, Jean-Pierre (Lydenburg Museum) - Spiteri, Cynthianne (University of Tuebingen)
- 17:15 **EXPLORATORY ORGANIC RESIDUE ANALYSIS FROM A 4000 BP MULTIPERIOD HABITATION SITE IN THE ZÜNKHANGAI REGION (MONGOLIA)**  
Davara, Javier - Égüez, Natalia (AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Seitsonen, Oula (University of Oulu) - Broderick, Lee (Oxford Archaeology) - Bayarshaikhan, Jamsranjav (National Museum of Mongolia) - Houle, Jean-Luc (Western Kentucky University)
- 17:30 **DISCUSSION SLOT**

#### POSTERS:

- A. **THE USE OF DUNG AS FUEL: MICROMORPHOLOGICAL ANALYSIS OF THE ES-1610 STRUCTURE OF THE FORTRESS OF ELS VILARS (ARBECA, SPAIN)**  
Carbonell-Roca, Joan - Bergadà, M. Mercè (SERP. Departament d'Història i Arqueologia, Universitat de Barcelona) - Alonso Martínez, Natàlia (GIP, 3DPatrimoni, Departament d'Història, Fac. de Lletres, INDEST, Universitat de Lleida)

## 404 NEW TECHNOLOGIES, NEW THEORIES? REFLECTIONS ON THE PERCEPTION AND SIMULATION OF BUILDING ENVIRONMENTS AND ARCHITECTURE

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Kreiser, Jane - Lang, Franziska (TU Darmstadt) - Grobe, Lars (Lucerne University of Applied Sciences and Arts) - Brünenberg, Clemens - Noback, Andreas (TU Darmstadt)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **AFFORDANCE-BASED ANALYSIS OF DAYLIGHT IN ANCIENT HOUSES BY MEANS OF SIMULATION**  
Lang, Franziska - Kreiser, Jane - Hollaender, Julian (Department of Classical Archaeology, TU Darmstadt)
- 9:30 **MODELLING KNOWLEDGE. ON INTRODUCING DYNAMIC RECONSTRUCTION AS A TOOL TO INVESTIGATE THE USE AND PERCEPTION OF BUILT ENVIRONMENT**  
Brünenberg, Clemens - Mächler, Claudia (TU Darmstadt, Faculty of Architecture, Institute of Classical Archaeology)
- 9:45 **DISCUSSION SLOT**
- 10:00 **A MODEL CHAIN TO SIMULATE DAYLIGHT IN HISTORIC BUILT ENVIRONMENTS**  
Noback, Andreas (Technical University of Darmstadt) - Grobe, Lars - Schuetz, Philipp (Lucerne University of Applied Sciences and Arts)
- 10:15 **LIGHT OF REASON: USING LIGHT SIMULATION TO INVESTIGATE A POMPEIAN HOUSE**  
Campanaro, Danilo (University of Lund)
- 10:30 **DISCUSSION SLOT**
- 10:45 **ACOUSTICS AND PROXEMICS OF ROMAN ‘CONTIONES’**  
Kopij, Kamil (Institute of Archaeology, Jagiellonian University) - Pilch, Adam (AGH – University of Science and Technology in Krakow) - Drab, Monika - Popławski, Szymon (Wrocław University of Science and Technology) - Głomb, Kaja (Institute of Applied Psychology, Jagiellonian University)
- 11:00 **AURAL EXPERIENCES IN THE ARCHAEOLOGICAL SPACES: APPROACHES, METHODS, AND PERSPECTIVES**  
Bellia, Angela (Institute of Heritage Science - National Research Council of Italy)
- 11:15 **DISCUSSION SLOT**
- 11:30 **SPACE SYNTAX AS A PRIMARY TOOL IN (RE)SHAPING OUR PERCEPTION OF THEIR PERCEPTION, AND INTENTION: THE CASE OF TURÉGANO CASTLE**  
López Lillo, Jordi A. (Institute of Heritage Sciences, National Research Council - Incipit-CSIC) - Yuste Burgos, L. Miguel (Caminos del Románico)
- 11:45 **DIGITAL APPROACHES IN EXPERIMENTAL LEARNING. MARBLE AS A CASE STUDY**  
Miznazi, Diana - Stroth, Fabian (University of Freiburg)
- 12:00 **DISCUSSION SLOT**

## 415 NORTHERN EURASIA IN THE LATE PLEISTOCENE-HOLOCENE: PERIPHERY OR TRANSIT ZONE?

Time: 9:00 - 12:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Session with precirculated papers

Organisers: Ponkratova, Irina (North-Eastern state University, Magadan) - Lbova, Liudmila (St. Petersburg Polytechnic University) - Davis, Loren G. (Oregon State University)



### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 **DISPERSAL OF THE LAMINAR INITIAL - EARLY UPPER PALEOLITHIC TECHNOLOGY: DEFINING OF NORTHERN BOUNDARY**  
Rybin, Evgeny - Khatsenovich, Arina (Institute of Archaeology and Ethnography SB RAS)
- 9:30 **WITH NO ANALOGUES: IUP ENGRAVED BEADS OF BELEMNITE ROSTRA**  
Stepanova, Ksenia (Institute for the History of Material Culture, Russian Academy of Sciences; Saint-Petersburg State University, Institute of History, Archaeological Department) - Girya, Evgeny - Bessudnov, Alexander (Institute for the History of Material Culture, Russian Academy of Sciences)
- 9:45 **TECHNOLOGICAL CHARACTERIZATION OF LATE PLEISTOCENE-AGED STEMMED PROJECTILE POINTS FROM THE USHKI LAKE SITE, LAYER VII, KAMCHATKA, RUSSIA**  
Ponkratova, Irina (North Eastern State University) - Devis, Loren (Oregon State University, Department of Anthropology)
- 10:00 **SURVIVING TURBULENT TIMES: CLIMATE CHANGE, CULTURAL CONNECTIONS AND SHIFTING ADAPTATIONS IN HOKKAIDO-SAKHALIN DURING THE PLEISTOCENE-HOLOCENE TRANSITION**  
Jordan, Peter (Department of Archaeology and Ancient History, Lund University; GSI, Hokkaido University) - Vasilevski, Alexander (World and Russian History, Sakhalin State University) - Kato, Hirofumi (GSI, Hokkaido University) - Grishchenko, Vyacheslav (Archaeological Museum, Sakhalin State University)
- 10:15 **FROM CONTINENT TO CONTINENT: PROPOSED PATHWAYS OF HUMAN TRAVEL FROM KAMCHATKA TO AMERICA IN ANCIENT TIMES**  
Ponkratova, Irina (North Eastern State University)
- 10:30 **FINAL PALAEOLOGICAL OSSEOUS TECHNOLOGIES IN THE EASTERN BALTIC: OVERVIEW OF DATA AND TAXONOMY ISSUES**  
Rimkus, Tomas (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 10:45 **PALEOART OF NORTHERN EURASIA IN EARLY UPPER PALEOLITHIC: MATERIALS, TECHNIQUE, IMAGES, SEMANTICS**  
Lbova, Liudmila (Peter the Great St. Petersburg Polytechnic University; Novosibirsk State University)
- 11:00 DISCUSSION SLOT

## 421 DEMOGRAPHY IN ARCHAEOLOGY BEYOND BOOM AND BUST? CRITICAL EXAMINATIONS OF PHASES OF UNDER- AND OVERPOPULATION

Time: 16:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Hinz, Martin (Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Kolář, Jan (Department of Vegetation Ecology, Institute of Botany of the Czech Academy of Sciences, Brno; Institute of Archaeology and Museology, Masaryk University, Brno) - Heitz, Caroline (Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Laabs, Julian (Institute of Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel)

### ABSTRACTS

- 16:30 **DEMOGRAPHY IN ARCHAEOLOGY AS THE STUDY OF BOOM AND BUST PHASES? AN ASSESSMENT OF THE CURRENT STATE OF RESEARCH**  
Laabs, Julian (Institute of Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel) - Hinz, Martin - Heitz, Caroline (Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Kolář, Jan (Department of Vegetation Ecology, Institute of Botany of the Czech Academy of Sciences, Brno; Institute of Archaeology and Museology, Masaryk University, Brno)
- 16:45 **FROM UNCONSTRAINED TO DENSITY-DEPENDENT GROWTH: 900 YEARS OF PUEBLO PRE/HISTORY**  
Kohler, Tim (Washington State University; Santa Fe Institute; Crow Canyon Archaeological Center) - Gillreath-Brown, Andrew - Bird, Darcy (Washington State University) - Bocinsky, R. (Montana Climate Office, University of Montana; Division of Earth and Ecosystem Sciences, Desert Research Institute; Crow Canyon Archaeological Center)
- 17:00 **THE LIMITS OF LATE MESOLITHIC POPULATION IN NORTHERN GERMANY - WOODLAND DENSITY AND GAME DENSITY AS BASE FOR POPULATION GROWTH**  
Doerfler, Walter (Institut fuer Ur- und Fruehgeschichte Kiel)
- 17:15 DISCUSSION SLOT
- 17:30 **ESTIMATING ABSOLUTE POPULATION NUMBERS USING BAYESIAN DEMOGRAPHIC MODELLING**  
Hinz, Martin - Heitz, Caroline (Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Kolář, Jan (Department of Vegetation Ecology, Institute of Botany of the Czech Academy of Sciences, Brno; Institute of Archaeology and Museology, Masaryk University, Brno)
- 17:45 **PREHISTORIC DEMOGRAPHY OF CENTRAL EUROPE IN A MULTI-PROXY PERSPECTIVE. WHICH PROXY IS THE BEST FOR STUDYING THE BOOMS AND BUSTS?**  
Kolar, Jan (Institute of Botany of the Czech Academy of Sciences; Institute of Archaeology and Museology, Masaryk University) - Macek, Martin (Institute of Botany of the Czech Academy of Sciences) - Abraham, Vojtěch (Institute of Botany of the Czech Academy of Sciences; Charles university) - Tkáč, Peter (Institute of Botany of the Czech Academy of Sciences)
- 18:00 DISCUSSION SLOT



## 435 POST-MEDIEVAL EUROPE AND WIDENING HORIZONS

Time: 11:00 - 13:00 CEST, 7 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Mytum, Harold (University of Liverpool) - Larsson, Anton (Stockholm University)



### ABSTRACTS

- 11:00 THE RISE AND FALL OF THE ICELANDIC EARLY MODERN ROTARY QUERNSTONE AND ITS ARCHAEOLOGICAL PRESENCE 100 YEARS LATER  
Beck, Sólveig (University of Iceland)
- 11:15 THE WASTE RESERVOIRS: FROM EARLY MODERN PROTO-ECOLOGY TO PRESENT-DAY BIOARCHAEOLOGY  
Larsson, Anton (Stockholm University)
- 11:30 DISCUSSION SLOT
- 11:45 WIDENING HORIZONS IN POST-MEDIEVAL IRELAND: AN INVESTIGATION OF FOOD CULTURES  
McClatchie, Meriel (University College Dublin) - Flavin, Susan (Trinity College Dublin) - OCarroll, Ellen (University College Dublin)
- 12:00 WIDENING HORIZONS: EXPLORING HEALTH, DISEASE, AND DIET IN INDIVIDUALS FROM THE POST-MEDIEVAL RIVERSIDE VILLAGE OF SARILHOS GRANDES (MONTIJO, PORTUGAL)  
Pereira, Paula (Independent Resercher) - Jesus, Roger (CHAM - FCSH-NOVA; CHSC - UC) - Santos, Ana Luísa (Research Centre for Anthropology and Health, Department of Life Sciences, University of Coimbra) - Magalhães, Bruno (Department of Life Sciences, University of Coimbra)
- 12:15 COFFIN PLATES AND ABOVE-GROUND MEMORIALS: TWO FORMS OF IDENTIFICATION COMPARED  
Mytum, Harold (University of Liverpool)
- 12:30 DISCUSSION SLOT

## 438 TRACING BAPTISM IN THE ARCHAEOLOGICAL RECORD

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Donnelly, Colm (Archaeology & Palaeoecology, School of Natural & Built

Environment, Queen's University Belfast) - Guillon, Mark (Inrap & PACEA UMR

5199 CNRS Université de Bordeaux) - Murphy, Eileen (Archaeology & Palaeoecology, School of Natural

& Built Environment, Queen's University Belfast) - Portat, Émilie (Direction de l'archéologie, Chartres

Métropole UMR - CNRS 7041 ArScAn, TranSphères)



### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 AN INNOCENT SOUL BECOME AN ANGEL. NEWBORN BURIALS IN MEDIEVAL AND POST-MEDIEVAL BOHEMIA  
Cechura, Martin (The Museum of west Bohemia, Pilsen)
- 15:00 IDENTIFYING BAPTISM IN LATE MEDIEVAL AND THE EARLY MODERN CATHOLIC WORLD FROM EXCAVATIONS. APPROACHES FROM HISTORY, ARCHAEOLOGY AND PHYSICAL ANTHROPOLOGY  
Guillon, Mark (Inrap; University of Bordeaux) - Portat, Émilie (Chartres City France; University of Paris 1) - Parriot, Caroline (University of Bordeaux)
- 15:15 DISCUSSION SLOT

- 15:30 'EAVES -DRIP-BURIAL' AND RETROACTIVE BAPTISM: VALID INTERPRETATION OR INSUFFICIENT CITATION PRACTICE?  
Hausmair, Barbara (University of Innsbruck)
- 15:45 UNBAPTISED AND BAPTISED INFANTS AND THEIR BURIALS IN EARLY MODERN FINLAND AND SWEDEN  
Lipkin, Sanna (University of Oulu)
- 16:00 DISCUSSION SLOT
- 16:15 BURIAL BEFORE BREATH: A MULTIDISCIPLINARY INVESTIGATION INTO THE SOCIAL IMPACT OF FOETAL AND MATERNAL MORTALITY DURING THE INDUSTRIALISATION OF ENGLAND  
Knox, Elizabeth (The University of Sheffield; Museum of London Archaeology - MOLA)
- 16:30 LANDSCAPES OF BAPTISM: CHILDREN'S BURIAL GROUNDS (CILLÍNÍ) AND HOLY WELLS IN IRELAND  
Murphy, Eileen - Donnelly, Colm (Queen's University Belfast)
- 16:45 THE UNBAPTISED IN THE ARCHAEOLOGICAL LANDSCAPE: FINDING AND RECORDING IRELAND'S CILLÍNÍ (CHILDREN'S BURIAL GROUNDS) USING GIS  
Mundt, Courtney (Queen's Univeristy Belfast)
- 17:00 DISCUSSION SLOT
- 17:15 AN EARLY CHRISTIAN CHURCH, MARTYRIUM AND BAPTISTERIUM AT HORVAT MIDRAS, ISRAEL  
Zissu, Boaz (Bar-Ilan University, Israel)
- 17:30 ARCHAEOLOGY OF INITIATION: EARLY BAPTISMAL FONTS IN MEDIEVAL ENGLAND  
Twomey, Carolyn (St Lawrence University)
- 17:45 DISCUSSION SLOT

## 440 'TOUCHING OBJECTS, FEELING MATERIALS': MATERIAL TRANSFORMATIONS, TECHNOLOGY AND SENSORIALITY IN ANCIENT MATERIAL CULTURE

Time: 9:00 - 18:30 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Discussion session

Organisers: Perna, Simona (Institut Català d'Arqueologia Clàssica - ICAC) - Di Febo, Roberta (Universitat Autònoma de Barcelona - UAB; Institut Català d'Arqueologia Clàssica - ICAC) - Casas, Lluís (Department de Geologia, Universitat Autònoma de Barcelona - UAB)

### ABSTRACTS

- 9:00 INTRODUCTION

Part I: From archaeometry to technology – Multiple approaches to material qualities and affordances

- 9:20 TESTING THE POSSIBLE FUNCTIONS OF THE UNIO SP. VALVE IN THE HAMANGIA CULTURE (MILL. V CAL BC)  
Margarit, Monica (Valahia University of Targoviste; "Vasile Parvan" Institute of Archaeology, Romanian Academy) - Radu, Valentin (National Museum of Romanian History) - Voinea, Valentina (Museum of National History and Archaeology Constanta)
- 9:40 BRONZE IN THE IRON AGE: VARIATIONS IN FE IN ITALIAN BRONZE ARMOUR C. 400 BCE  
Armstrong, Jeremy - McAlister, Andrew - Emmitt, Joshua (University of Auckland)
- 10:00 THE MATERIALS OF LIGHT: OBSIDIAN 'MIRRORS' IN THE HOUSES OF POMPEII  
Anguissola, Anna (University of Pisa)
- 10:20 DISCUSSION SLOT
- 11:00 INSIDE THE GLASS CRAFTSPERSON MIND: MAKING OF ROMANO-BRITISH GLASS BANGLES  
Ivleva, Tatiana (Newcastle University)
- 11:20 SILK TEXTILES FROM PALMYRA: MATERIAL IMPORTATION TO TECHNOLOGICAL INNOVATION  
Zhou, Junjie (LMU Munich)

11:40 A PAIR OF STOCKINGS? MATERIALS, CRAFTS METHODS AND USEFULNESS IN PRE-MODERN BURIAL FOOTWEAR  
Ruhl, Erika (SUNY at Buffalo)

12:00 DISCUSSION SLOT

**Part II: From material affordances to sensorial experience – Exploring materiality and the senses**

14:30 ARUNDO DONAX: REINSTATING A NEGLECTED MATERIAL IN CLASSICAL ANTIQUITY  
Foxhall, Lin (University of Liverpool)

14:50 SENSORY ENGAGEMENTS WITH HOUSEHOLD POTTERY IN LBA CYPRUS  
Steel, Louise (University of Wales Trinity Saint David)

15:10 THE MANIFOLD MATERIALITIES OF ARCHAIC GREEK CULT STATUES  
Martin, Daphne (University of Cambridge)

15:30 MOSAIC AS SENSORIUM: A HAPTIC APPROACH TO THE PAVEMENTS OF ANTIOCH  
Miranda, Amy (Aarhus University)

15:50 SENSING WHAT CANNOT BE SEEN: ENGRAVED GEMS AND DIVINE REPRESENTATION  
Allen, Ruth (Michael C. Carlos Museum, Emory University)

16:10 DISCUSSION SLOT

**Part III: From flowing materiality to immaterial sensoriality – Materiality and beyond**

16:50 THE MATERIAL LIFE OF LINEAR A: A STUDY OF OBJECTS BEARING AN UNDECIPHERED SCRIPT FROM MINOAN CRETE (C.1800-1450 BC)  
Rice, Mnemosyne (Trinity College Dublin)

17:10 WATER, ARCHITECTURE, AND THE SENSES: EXPLORING THE MATERIALITY OF AQUATIC LANDSCAPES IN THE ROMAN WORLD  
Rogers, Dylan (University of Virginia)

17:30 BRIGHTNESS - ΣΙΓΑΛΛΟΕΙΣ - SENSED AND ITS TRANSFORMED METAPHORICAL FUNCTION WITHIN HOMERIC POETRY  
Saito, Yukiko (University of Liverpool / Kyoto Seika University)

17:50 DISCUSSION SLOT

**469 COAST LAND CONTACTS – THE SOUTHERN BALTIC AREA IN EARLY HISTORICAL TIMES (1 – 600 AD)**

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 7. From global to local: Baltic-Pontic studies

Format: Regular session

Organisers: Voss, Hans-Ulrich (Römisch-Germanische Kommission, Frankfurt am Main)

- Schuster, Jan (Instytut Archeologii Uniwersytetu Łódzkiego) - Schmidt, Jens-Peter (Landesamt für Kultur und Denkmalpflege Mecklenburg-Vorpommern, Landesarchäologie, Schwerin)



**ABSTRACTS**

9:00 INTRODUCTION

9:15 ARCHAEOLOGICAL DATA ON CULTURAL CONTACTS IN THE SOUTHERN BALTIC COASTAL AREA FROM A PERSPECTIVE OF RESEARCH  
Voss, Hans-Ulrich (RGK - Romano-Germanic Commission DAI)

9:30 "PIZZA CONNECTION" – MOBILITY OF MEN AND OBJECTS BETWEEN SICILY AND THE NORTH  
Rasbach, Gabriele (RGK - Romano-Germanic Commission DAI)

9:45 "BARBARIAN" FIBULAE (ALMGREN GROUP V) AND THE FORMATION OF A REGIONAL MODEL OF FEMALE DRESS IN THE SOUTHEAST BALTIC  
Khomiakova, Olga (Institute of Archaeology of RAS, Moscow)

10:00 DISCUSSION SLOT

10:15 ABOUT BALTIC CONNECTIONS OF THE LATE ROMAN SHIELD BOSS FROM HERPÁLY (H)  
Heinrich-Tamaska, Orsolya Mariann (-) - Masek, Zsófia (-) - Becker, Matthias (-) - Voß, Hans-Ulrich (-)

10:30 BOOTY OR PAY? FINDS OF ROMAN PROVINCIAL COINS ON THE SAMBIAN TERRITORY  
Myzgin, Kyrilo (Faculty of Archaeology, University of Warsaw) - Konstantin, Skvorcov (Institute of Archaeology, Russian Academy of Science)

10:45 DISCUSSION SLOT

11:00 ENEMY HITHERTO UNSEEN? A RADIOCARBON-BASED RECONSIDERATION OF TRILOBATE ARROWHEADS FROM PLINKAIGALIS CEMETERY, CENTRAL LITHUANIA  
Kurila, Laurynas (Lithuanian Institute of History)

11:15 UNIQUE IMPORTS FROM VEGERIAI, NORTHERN LITHUANIA: RECONSIDERING MIGRATION PERIOD CULTURAL CONTACTS IN THE EASTERN BALTIC  
Petrauskas, Gediminas (National Museum of Lithuania; Klaipėda University, Institute of Baltic Region History and Archaeology) - Bliujienė, Audronė (Klaipėda University, Institute of Baltic Region History and Archaeology)

11:30 DISCUSSION SLOT

11:45 THE NORTH IN THE SOUTH, THE WEST IN THE EAST. TRACES OF SCANDINAVIANS AND OTHERS IN POMERANIA AROUND 500 AD  
Schuster, Jan (University of Łódź)

12:00 NORTH MEETS SOUTH - EAST MEETS WEST: "INTERSECTION" AT THE RIVER CROSSING ON THE WARNOW NEAR WERLE IN MECKLENBURG  
Schmidt, Jens-Peter (Landesamt für Kultur und Denkmalpflege Mecklenburg-Vorpommern)

12:15 CHANGING CONTACTS: THE EVIDENCE OF NEW COIN FINDS FROM MECKLENBURG-VORPOMMERN  
Wigg-Wolf, David (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK)

12:30 DISCUSSION SLOT

**POSTERS:**

A. AUTOCHTHONS OR MIGRANTS? ROMAN PERIOD BURIALS WITH WEAPONS IN ROMANOVO-PUGACHEV POND I.E. AN UNDERGROUND BURIAL GROUND IN NORTHERN SAMBIA  
Dobrovolskaya, Maria - Mastykova, Anna (Institute of Archaeology Russian Academy of Sciences)

## 472 EAA COMMUNITY CLIMATE CHANGE AND HERITAGE' (CCH) ROUNDTABLE

Time: 16:30 - 18:30 CEST, 7 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Round tableco-organisers to be provided)

Organisers: Biehl, Peter F (University at Buffalo, SUNY) - Dalen, Elin (Directorate of Cultural Heritage) - Martens Vandrup, Vibeke (Norwegian Institute for Cultural Heritage Research - NIKU)

### ABSTRACT

Archaeology and cultural heritage are central to both human understanding and management of crises such as pandemics or climate change. Interdisciplinary research on responses of previous societies to similar crises can help us to develop resilience, mitigation and adaptation strategies to tackle these global big challenges at the beginning of 21st century.

This fifth roundtable organized by the EAA Community Climate Change and Heritage (CCH) builds on the success of the previous ones and hopes to focus further on: (1) Internationalization, (2) Prioritization, (3) Strategies, and (4) Policies.

We will also invite representatives of key archaeology associations such as the AAA (Elizabeth Chilton), AIA (Ben Thomas), SAA (Anne Jensen) and WAC (Koji Mizoguchi) as well as specialists in climate change and heritage research as a sounding board for the CCH activities as well as opinion leaders in methods and practice of climate change and heritage research. In addition, the roundtable session will provide an update on the work done in and by the community since the previous meeting and discuss next steps for the Community to grow and extends its network and activities in a COVID-19 environment.

## 473 CROSS-CHANNEL CONNECTIONS: COMPLEMENTARY NEW PERSPECTIVES ON LATER MEDIEVAL ARCHAEOLOGY IN FRANCE, BELGIUM, NETHERLANDS, AND THE BRITISH ISLES

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Lorans, Elisabeth (University of Tours) - Lewis, Carenza (University of Lincoln) - Guillot, Bénédicte (Institut national de recherches archéologiques préventives (Inrap); Univeristy of Caen-Normandie) - McClain, Aleksandra (University of York) - Tys, Dries (Vrije Universiteit Brussel)



### ABSTRACTS

- 9:00 CROSS-CHANNEL MEDIEVAL ARCHAEOLOGIES PAST AND FUTURE – RETROSPECT AND PROSPECT  
Lorans, Elisabeth (Université de Tours) - Lewis, Carenza (University of Lincoln) - Tys, Dries (Vrije Universiteit Brussel) - McClain, Aleksandra (University of York) - Guillot, Bénédicte (Inrap/University of Caen-Normandie)
- 9:15 NEW APPROACHES TO AN ENVIRONMENTAL HISTORY OF THE NORMAN MARITIME INVASION IN 1066  
Tyson, Rebecca (University of Bristol)
- 9:30 IMPROVING CONNECTIVITY – A FRESH LOOK ON MEN-MADE NAVIGABLE CANALS ON BOTH SIDES OF THE CHANNEL (11TH /12TH CENT. AD)  
Werther, Lukas (Tuebingen University)
- 9:45 THEREIN LIES THE POINT: A STUDY OF KNIFE SHEATH CHAPES FROM CROSS-CHANNEL EUROPE  
Webley, Robert (University of York)
- 10:00 CROSS-CHANNEL INFLUENCES IN MEDIEVAL COMMEMORATIVE MONUMENTS  
McClain, Aleksandra (University of York)
- 10:15 DISCUSSION SLOT
- 10:30 DETERMINING THE EVOLUTION OF CULINARY PRACTICES THROUGH THE STUDY OF COOKING TRACES: AN EXPERIMENTAL AND MULTIDISCIPLINARY APPROACH  
Chantran, Aurélie (Université Paris1 Panthéon-Sorbonne; UMR 7041 - ArScAn)

- 10:45 THE TRADE OF COAL BETWEEN ENGLAND AND FLANDERS DURING LATE MIDDLE AGES  
Jagou, Benjamin (INRAP; UMR 5060 IRAMAT - LMC; UMR 7041 ArScan TranSphères)
- 11:00 STONE MORTARS: RECENT DATA ON THE CONTINENT FOR LATE MEDIEVAL PRODUCTIONS TRADED FROM THE CHANNEL UP TO THE BALTIC  
Verbrugghe, Geert (INRAP - National Institute for Preventive Archaeological Research; Centre Michel de Boüard - CRAHAM, university of Caen)
- 11:15 CONTINENTAL CONNECTIONS - THE CHANGING ORIGINS OF SCOTTISH WINDOW GLASS DURING THE 13TH - 16TH CENTURIES  
Spencer, Helen (Society of Antiquaries of Scotland; Heriot-Watt University)
- 11:30 DISCUSSION SLOT
- 11:45 RISE AND FALL: TEST PIT EXCAVATION AND THE RECONSTRUCTION OF HALF A MILLENNIUM OF CHANGE IN RURAL SETTLEMENTS AD 1000-1500  
Lewis, Carenza (University of Lincoln)
- 12:00 APPLICATION OF THE SOCIAL ARCHAEOLOGY'S PRINCIPLES TO THE STUDY OF SOCIAL IDENTITY WITHIN ENGLISH AND FRENCH VILLAGES  
Rego, Diane (CRAHAM)
- 12:15 VUYDANGES ET SALUBRITAS. THE MANAGEMENT OF WASTE IN ROUEN (FRANCE) THROUGH THE EXCAVATION OF THREE PUBLIC GARBAGE DUMPS (15TH-16TH CENTURIES)  
Guillot, Bénédicte (INRAP - National Institute for Preventive Archaeological Research; Centre de recherches archéologiques et historiques anciennes et médiévales - CRAHAM)
- 12:30 THE SAINT-MACLOU ASTER (ROUEN, FRANCE): EVOLUTION OF AN URBAN CEMETERY FROM THE BLACK PLAGUE TO THE MODERN PERIOD  
Coupeur, Camille (EPHE - Université Paris Sciences et Lettres; Centre archéologique Inrap de Grand Quevilly; PACEA UMR 5199 Université de Bordeaux) - Thomann, Aminte (Centre archéologique Inrap de Grand Quevilly; CRAHAM UMR 6273 CNRS - Université de Caen Normandie) - Chapelain de Séreville-Niel, Cécile (CRAHAM UMR 6273 CNRS - Université de Caen Normandie) - Dutour, Olivier (EPHE - Université Paris Sciences et Lettres; PACEA UMR 5199 Université de Bordeaux)
- 12:45 DISCUSSION SLOT

## 480 HOW MUCH SHAPE MATTERS? APPROACHES IN POTTERY STUDIES

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Gomez Bach, Anna - Molist, Miquel (Autonomous University of Barcelona) - Taranto, Sergio (Sapienza University) - Ozbal, Rana (Kos University)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 THE BEADED RIM  
Nilhamn, Bonnie (Helsinki University)
- 9:30 INVESTIGATING POTTERY FUNCTION THROUGHOUT EXPERIMENTAL ARCHAEOLOGY  
Taranto, Sergio (Sapienza University of Rome) - Gomez Bach, Anna - Molist, Miquel (Universitat Autònoma de Barcelona)
- 9:45 ORGANIC RESIDUES AND VESSEL SHAPES. THE CASE STUDY OF CARRER REINA AMÀLIA  
Breu, Adrià - Gómez-Bach, Anna - Molist, Miquel (Autonomous University of Barcelona)
- 10:00 MONTBOLÓ: SINGULAR HANDLES FOR SPECIFIC PURPOSES?  
Gomez Bach, Anna - Faro, Santi - Molist, Miquel (Universitat Autònoma de Barcelona)

- 10:15 **RAW MATERIAL AND POTTERY SHAPES IN BARCELONA THROUGH CLAY STUDIES DURING MIDDLE NEOLITHIC**  
Pera, Cristina (Autonomous University of Barcelona)
- 10:30 **DISCUSSION SLOT**
- 10:45 **TALKING POTS: INVESTIGATING CONSUMPTION STRUCTURES OF THE LATE COPPER AGE**  
Fábián, Szilvia - Berente, Zoltán (Hungarian National Museum) - Marton, Tibor (Research Centre for the Humanities, Institute of Archaeology, Eötvös Loránd Research Network - ELKH) - Rajna, András (Ferenczy Museum Center)
- 11:00 **DIVERSITY IN POTTERY DURING EARLY BRONZE AGE: NORTHEAST OF IBERIAN PENINSULA AS A CASE**  
Vicens-Saiz, Laura - Bach Gómez, Anna - Molist Montaña, Miquel (Autonomous University of Barcelona)
- 11:15 **DISTINCTIVE CERAMIC FORMS IN SOUTHERN ITALY DURING EBA-MBA: FORMAL TAXONOMY AND FUNCTIONAL HYPOTHESES**  
Marino, Sara (Independent researcher)
- 11:30 **INTERDISCIPLINARY APPROACHES TO THE SHAPE AND FUNCTION OF MIDDLE BRONZE AGE MINIATURE VESSELS FROM EASTERN ROMANIA**  
Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași)
- 11:45 **TOO MANY POTS, TOO FEW FUNCTIONS. WHAT IS GOING ON WITH THE URNFIELD POTTERY?**  
Łaciak, Dagmara - Baron, Justyna (University of Wrocław) - Łucejko, Jeannette (University of Pisa) - Stolarczyk, Tomasz (Museum of Copper in Legnica)
- 12:00 **QUANTITATIVE SHAPE-BASED APPROACHES TO FUNCTIONAL TYPOLOGIES IN LATE BRONZE AGE AND IRON AGE POTTERY FROM SOUTHWEST ANATOLIA**  
Daems, Dries (Middle East Technical University) - Kafetzaki, Danai (KU Leuven)
- 12:15 **DISCUSSION SLOT**

## 486 HUNTER-FISHER SOCIAL ECOLOGY IN FORESTED ENVIRONMENTS: APPROACHING BOREAL NATURECULTURES

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Schreiber, Tanja - Piezonka, Henny (Institute of Prehistoric and Protohistoric Archaeology, Kiel University) - Nordqvist, Kerkko (Department of Archaeology, University of Helsinki) - Chairkina, Natalya (Institute of History and Archeology of the Ural Branch of the Russian Academy of Sciences) - Taylor, Barry (Department of History & Archaeology, University of Chester)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **THE SECRET LIFE OF TREES DURING THE NORTH EUROPEAN MESOLITHIC**  
Taylor, Barry (Department of History and Archaeology, University of Chester)
- 15:00 **INTO THE WOODS ... APPROACHING COAST-HINTERLAND RELATIONS IN THE LATE MESOLITHIC OF SOUTHEAST NORWAY**  
Schülke, Almut (Museum of Cultural History University of Oslo)
- 15:15 **THE ECOLOGY OF WAR – HUMAN-ENVIRONMENT RELATIONSHIPS IN WARFARE AMONGST CIRCUMPOLAR HUNTER-GATHERERS IN PAST AND PRESENT**  
Schreiber, Tanja (Institut fuer Ur- und Fruehgeschichte Kiel)

- 15:30 **DISCUSSION SLOT**
- 15:45 **BEAVER NATURECULTURES IN THE EARLY HOLOCENE OF NORTHWESTERN EURASIA**  
Hussain, Shumon - Laustsen Lomborg, Kamilla (Aarhus University) - Brusgaard, Nathalie (Groningen University)
- 16:00 **CANNOT SEE THE FOREST FOR THE TREES: THE IMPACTS OF BOREAL ECOLOGY ON REINDEER HUSBANDRY AND FORAGER SUBSISTENCE**  
Windle, Morgan - Piezonka, Henny (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:15 **DISCUSSION SLOT**
- 16:30 **ECONOMY IN CHANGING CULTURES AND ENVIRONMENT IN UPPER AND MIDDLE VOLGA AREA**  
Lavento, Mika (Valeri S. Patrushev)
- 16:45 **A STONE AGE INNOVATION HORIZON IN THE SIBERIAN TAIGA: EXPLORING THE ENVIRONMENTAL BACKGROUND**  
Piezonka, Henny (Christian Albrechts University Kiel) - Chairkina, Natalya (Institute of History and Archaeology, Ural Branch, Russian Academy of Sciences)
- 17:00 **RED BUTTONS AND GREEN AXES: SPECIALISED CRAFT PRODUCTION AND LONG-DISTANCE TRANSPORTATION OF ARTEFACTS IN THE BOREAL REGION, FOURTH MILLENNIUM BC**  
Macane, Aija (Department of Historical Studies, University of Gothenburg) - Nordqvist, Kerkko (Faculty of Arts, University of Helsinki) - Tarasov, Alexey (Karelian Research Centre, Russian Academy of Sciences)
- 17:15 **BOREAL FISHER-HUNTER-GATHERERS UNDER EXTERNAL PRESSURE: INTERACTIONS WITH ADVANCING PASTORALISTS AND FARMERS**  
Nordqvist, Kerkko (University of Helsinki, Faculty of Arts) - Heyd, Volker (University of Helsinki, Department of Cultures)
- 17:30 **DISCUSSION SLOT**

## 489 WIDENING HORIZONS: SHARING PERSPECTIVES ON PROFESSIONAL PRACTICE IN EUROPE

Time: 14:30 - 16:30 CEST, 7 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Discussion session

Organisers: Robinson Wild, Esther (Chartered Institute for Archaeologists; University of York) - Schauer, Michaela (Chartered Institute for Archaeologists) - Hessing, Wilfried (Vestigia Archeologie & Cultuurhistorie)



### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **WHAT AN INTERNATIONAL PROFESSIONAL ASSOCIATION CAN DO FOR GERMANY - AND WHAT IT CAN'T**  
Schauer, Michaela (CIfA Deutschland/LMU München)
- 15:00 **THE ARCHAEOLOGY DOESN'T STOP AT THE BORDER, NEITHER SHOULD THE STANDARDS**  
Kyle, James (Institute of Archaeologists of Ireland)
- 15:15 **SUPPORTING PROFESSIONAL PRACTICE WITH GLOBAL QUALITY STANDARDS AND REGIONAL GUIDANCE**  
Geary, Kate (Chartered Institute for Archaeologists)
- 15:30 **HOW SAFE ARE ARCHAEOLOGICAL ENVIRONMENTS? ARGUING FOR A COMMON EUROPEAN FRAMEWORK FOR PREVENTING AND COMBATING HARASSMENT, ASSAULT, BULLYING AND INTIMIDATION**  
Coltofean-Arizancu, Laura - Gaydarska, Bisserka - Plutniak, Sébastien (Archaeology and Gender in Europe - AGE - Community of the EAA) - Mary, Laura (Paye ta Truelle Project; Archaeology and Gender in Europe - AGE - Community of the EAA) - Hlad, Marta (Archaeology and Gender in Europe - AGE - Community of the EAA) - Algrain, Isabelle (Paye ta Truelle Project; Archaeology and Gender in Europe - AGE - Community of the EAA)

- Vandeveld, Ségolène (Paye ta Truelle Project) - Pasquini, Béline (Paye ta Truelle Project) - Janežič, Polona - Wouters, Barbora (Archaeology and Gender in Europe - AGE - Community of the EAA)

15:45 DISCUSSION SLOT

## 491 UNTANGLING LIFE CYCLES IN MULTI-FUNCTIONAL DOMESTIC AREAS: INTERDISCIPLINARY APPROACHES TO ANALYSE SPACE USE AND TRANSFORMATION IN THE MEDITERRANEAN

Time: 9:00 - 16:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Valente, Rossana (British School at Athens) - Magno, Laura (UCLouvain) - Ragkou, Katerina (Philipps-Universität Marburg) - Harrington, Katherine (Florida State University)

### ABSTRACTS

9:00 INTRODUCTION

9:15 THE SOIL HAS MEMORY - IDENTIFYING PLANT PROCESSING AREAS AND THE USE OF DOMESTIC SPACES AT NEOLITHIC ÇATALHÖYÜK

Santiago-Marrero, Carlos (CaSEs, Department of Humanities, Universitat Pompeu Fabra) - Lancelotti, Carla - Madella, Marco (ICREA - CaSEs, Department of Humanities, Universitat Pompeu Fabra)

9:30 CRAFTWORK AND DAILY ACTIVITIES IN MINOAN DOMESTIC AREAS

Alberti, Maria Emanuela (Università degli Studi di Firenze, Dipartimento SAGAS)

9:45 UNDERSTANDING ACTIVITIES AND THE USE OF THE SPACE OF A BRONZE AGE COMMUNITY THROUGH AN INTEGRATED INTRASITE SPATIAL ANALYSIS

Lucci, Enrico (Department of Antiquities, Sapienza - University of Rome) - Minniti, Claudia (Department of Cultural Heritage, University of Salento) - Recchia, Giulia (Department of Antiquities, Sapienza - University of Rome)

10:00 INDOOR-OUTDOOR LIVING: EXPLORING THE RELATIONSHIP BETWEEN EXTERIOR DOMESTIC ACTIVITY AREAS AND THE STRUCTURING AND USE OF INTERIOR SPACES IN GREECE

Jazwa, Kyle (Maastricht University)

10:15 SMALL FINDS IN ANCIENT EGYPTIAN HOUSEHOLD. MULTIFUNCTIONALITY AND ACTIVITIES IN BUILDING B AT TELL EL-GHABA (NORTH SINAI)

Calomino, Eva (Instituto Multidisciplinario de Historia y Ciencias Humanas (IMHICIHU) - Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET); Buenos Aires University)

10:30 DISCUSSION SLOT

11:00 RE-EVALUATING THE "RECEPTION ROOM": PATTERNS OF MOVEMENT AND USE IN PUNIC DOMESTIC SPACE

Huemer, Max (SUNY University at Buffalo)

11:15 DOMESTIC USE OF SPACE IN THE CLASSICAL CITY OF OLYNTHOS - WHAT CAN GEOARCHAEOLOGY CONTRIBUTE?

Schumacher, Mara (Newcastle University)

11:30 WORKING ON THE HOME FRONT: HOUSEHOLD INDUSTRY AND ECONOMIC CHOICE IN TIMES OF DURESS IN ANCIENT GREECE

Harrington, Katherine (Florida State University)

11:45 THE HOUSE OF FOURNI ON DELOS: AN INTERDISCIPLINARY APPROACH ON A MULTI-FUNCTIONAL COMPLEX

Martz, Anne-Sophie (Independent researcher) - Pagnoux, Clémence (French School at Athens) - Wurmser, Hélène (Lyon University)

12:00 TERRACOTTA FIGURINES AND THEIR DISTRIBUTION AS INDICATORS OF DOMESTIC CULTS IN AKRAI, SE SICILY

Chowaniec, Roksana (University of Warsaw) - Konrad, Aleksandra (independent scholar)

12:15 WORKING FROM HOME: DOMESTIC PRODUCTION IN ROMAN COLONIES

Donoghue, Nora (Florida State University)

12:30 DISCUSSION SLOT

14:30 MATERIAL CULTURE IN CONTEXT: THE CHANGING LIVES OF RELIEF POTTERY IN THE LATE ANTIQUE URBAN MANSION OF SAGALASSOS

Uytterhoeven, Inge (Koc University - Department of Archaeology and History of Art) - Malfitana, Daniele (Consiglio Nazionale delle Ricerche; Istituto di Scienze per il Patrimonio Culturale) - Poblome, Jeroen (Leuven University - Department of Archaeology, Art History and Musicology; Sagalassos Archaeological Research Project) - Mazzaglia, Antonino (Consiglio Nazionale delle Ricerche; Istituto di Scienze per il Patrimonio Culturale)

14:45 THE BYZANTINE HOUSE IN ASIA MINOR

Fildhuth, Jesko (Universität Freiburg)

15:00 DISCUSSION SLOT

## 492 SCIENTISTS, SUBMITTERS AND SCROUNGERS: ALTERNATIVE VIEWS ON RADIOCARBON DATING IN ARCHAEOLOGY

Time: 16:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Meadows, John (Leibniz-Laboratory for Radiometric Dating and Stable Isotope Research, Kiel University; Centre for Baltic and Scandinavian Archaeology - ZBSA, Schloss Gottorf) - Rose, Helene (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schloss Gottorf) - McLaughlin, Rowan (The British Museum, London)

### ABSTRACTS

16:30 INTRODUCTION

16:45 HOW LONG DOES THE MEMORY LAST? BAYESIAN MODELING OF RADIOCARBON DATES AND ISSUES OF MEMORY AT AENEOLITHIC MONJUKLI DEPE (TURKMENISTAN)

Heit, Ilia (Institute for Ancient Near Eastern Archaeology, FU Berlin)

17:00 LOST IN SPACE - FOUND IN TIME. THE SYNCHRONIZATION OF AMS 14C-DATED CEMETERIES IN THE BALTIC REGION AND UKRAINE

Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA)

17:15 NEW 14C DATES OF DOG ASSOCIATED BONE GROUPS IN THE LATE IRON AGE LIV CEMETERIES, LATVIA

Plankajs, Eduards (Institute of Latvian History, University of Latvia; National History Museum of Latvia) - Legzdina, Dardega (Institute of Latvian History, University of Latvia)

17:30 ARCHAEOLOGY, RADIOCARBON AND DIETARY STABLE ISOTOPES: NOVEL APPROACHES TO 14C DATING OF HUMAN REMAINS IN ESTONIAN BRONZE AGE

Torv, Mari (Archaeology Department, Institute of History and Archaeology, University of Tartu) - Oras, Ester (Institute of Chemistry, University of Tartu) - Meadows, John (Centre for Baltic and Scandinavian Archaeology) - Lang, Valter - Kriiska, Aivar (Institute of History and Archaeology, University of Tartu)

17:45 UNRELIABLE DATES? - RADIOCARBON IN THE THRACIAN PLAIN

Brandtstätter, Lennart (University of Tübingen)

18:00 DISCUSSION SLOT

## POSTERS:

- A. **RADIOCARBON DATING WITH VILNIUS SSAMS: TREE RING RESEARCH, LAKE SEDIMENTS AND COMPLEX ANALYSIS**  
Pabedinskas, Algirdas - Maceika, Evaldas - Paužolis, Julius (State research institute Center for Physical Sciences and Technology)

## 513 PRODUCING POWER: EXPLORING THE RELATIONSHIP BETWEEN PRODUCTION AND SOCIO-ECONOMIC CHANGE IN THE MEDITERRANEAN FROM THE CHALCOLITHIC TO THE IRON AGE

Time: 9:00 - 16:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Valenzuela-Lamas, Silvia (Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Trentacoste, Angela (School of Archaeology, University of Oxford) - Nieto-Espinet, Ariadna (Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Guimarães-Chiarelli, Silvia (CIBIO/InBIO - Centro de Investigação em Biodiversidade e Recursos Genéticos; Consejo Superior de Investigaciones Científicas - IMF-CSIC)

## ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **SOCIAL COMPLEXITY AND COMPLEX SYSTEMS**  
Nakoinz, Oliver (Johanna Mestorf Academy)
- 9:30 **COMPLEX BUT EGALITARIAN? ASSESSING SOCIAL EVOLUTION AT THE ORIGINS OF THE NEOLITHIC IN THE NEAR EAST**  
Ibáñez, Juan (Spanish National Research Council - CSIC)
- 9:45 **VARIATION IN ETRUSCAN POWER PRODUCTION: A SETTLEMENT PERSPECTIVE**  
Zeviani, Camilla (University of Cambridge) - Palmisano, Alessio (LMU Munich) - Stoddart, Simon (University of Cambridge)
- 10:00 **SOCIAL DYNAMICS, URBANIZATION PROCESS AND AGRICULTURAL INTENSIFICATION IN EASTERN IBERIA IRON AGE**  
Grau, Ignacio (Institute of Archaeology and Historical Heritage. University of Alicante)
- 10:15 **TRACES OF POWER. ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL EVIDENCE FROM WESTERN CATALONIA BETWEEN THE BRONZE AND IRON AGES (2ND-1ST MILLENNIUM BCE)**  
Nieto-Espinet, Ariadna (CSIC- Institució Milà i Fontanals) - Prats, Georgina - Moya, Andreu - Castellano, Alba - Alonso, Natàlia (University of Lleida)
- 10:30 **DISCUSSION SLOT**
- 10:45 **INTEGRATING THE POTTER'S WHEEL IN NARRATIVES OF LONG-TERM SOCIO-ECONOMIC CHANGE IN THE WESTERN MEDITERRANEAN**  
de Groot, Beatrijs (The University of Edinburgh)
- 11:00 **DIVERSITY AND CHANGES IN THE ANIMAL EXPLOITATION DURING THE NEOLITHIC OF THE LEVANT**  
Gourichon, Lionel (Université Côte d'Azur, CNRS, CEPAM - UMR 7264)
- 11:15 **CROPS AND LIVESTOCK AS A FORM OF EMPOWERMENT IN THE VALENCIAN COUNTRY BETWEEN THE 3RD AND 1ST MILLENNIUM BC**  
Iborra Eres, Maria Pilar (independent researcher) - Pérez Jordà, Guillem (Contractat CIDEGENT Dept. de Prehistòria, Arqueologia i Història Antiga Universitat de València)
- 11:30 **ON THE INTERFACE BETWEEN PLANT INTENSIFICATION AND SOCIAL COMPLEXITY IN SOUTHWEST ASIA**  
Arranz Otaegui, Amaia (University of Copenhagen)

- 11:45 **DISCUSSION SLOT**

## 12:00 CHANGES IN AGRICULTURAL PRACTICES AND SUBSISTENCE STRATEGIES THROUGH THE METAL AGES IN NORTHWESTERN ITALY: A MULTI-PROXY AND MULTI-ISOTOPIC APPROACH

Varalli, Alessandra (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra. Barcelona, Spain.; Department of Archaeology, Durham University) - Gröcke, Darren (Department of Earth Sciences, Durham University) - Church, Mike (Department of Archaeology, Durham University) - Sparacello, Vitale (Dipartimento di Scienze della Vita e dell'Ambiente, Università degli Studi di Cagliari Cittadella Universitaria di Monserrato) - Arobba, Daniele (Museo Archeologico del Finale, Finale Ligure) - Nisbet, Renato (Università Ca' Foscari, Dipartimento di Studi sull'Asia e sull'Africa Mediterranea) - Starnini, Elisabetta (Soprintendenza Archeologia, Belle Arti e Paesaggio per la città metropolitana di Genova e la provincia di La Spezia; Dipartimento di Civiltà e Forme del Sapere, Università di Pisa) - Dori, Irene (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Verona, Rovigo e Vicenza) - Maggi, Roberto (Laboratorio di Archeologia e Storia Ambientale - LASA, Università di Genova) - Skeates, Robin (Department of Archaeology, Durham University)

## 12:15 RESILIENCE AND LIVESTOCK ADAPTATIONS TO DEMOGRAPHIC GROWTH AND TECHNOLOGICAL CHANGE: A DIACHRONIC PERSPECTIVE FROM THE FIRST MILLENNIUM IN NE IBERIA

Valenzuela-Lamas, Silvia - Nieto-Espinet, Ariadna (Consejo Superior de Investigaciones Científicas - IMF) - Huet, Thomas (independent) - Trentacoste, Angela (University of Oxford - School of Archaeology) - Guimarães, Silvia (Consejo Superior de Investigaciones Científicas - IMF) - Orengo, Hector (Institut Català d'Arqueologia Clàssica - ICAC)

## 12:30 SANCTUARIES, HUSBANDRY AND ECONOMY: THE ZOOARCHAEOLOGICAL RECORD FROM THE TARTESSIAN REGION

Ramos Soldado, José Luis (Independent researcher) - García Viñas, Esteban - Bernáldez Sánchez, Eloísa (Laboratorio de Paleobiología, Instituto Andaluz de Patrimonio Histórico) - Ferrer Albelda, Eduardo (Departamento de Prehistoria y Arqueología, Universidad de Sevilla)

- 12:45 **DISCUSSION SLOT**

## 14:30 PRODUCING NAVAL POWER: SAILS AND ECONOMIC STRATEGIES IN THE AEGEAN, 6TH - 4TH CENTURY BC

Dimova, Bela (British School at Athens)

## 14:45 TEXTILES, TABLET WEAVING, ELITES, AND URBAN DEVELOPMENT IN FIRST MILLENNIUM BCE CENTRAL ITALY

Samuels, Jeffrey (Phillips Exeter Academy)

- 15:00 **DISCUSSION SLOT**

## 520 INTEGRATING ALL DIMENSIONS: 3D-APPLICATIONS FROM EXCAVATION TO RESEARCH TO DISSEMINATION

Time: 14:30 - 18:30 CEST, 7 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Hostettler, Marco (University of Bern, Institute of Archaeological Sciences, Prehistoric Archaeology; University of Bern, Walter Benjamin Kolleg, Graduate School of the Arts and Humanities) - Drummer, Clara (Orthodrone GmbH, Kiel) - Emmenegger, Lea (Freelancer) - Reich, Johannes - Stäheli, Corinne (University of Bern, Institute of Archaeological Sciences, Prehistoric Archaeology)



## ABSTRACTS

- 14:30 **INTRODUCTION**

## 14:45 CERAMICS 3D: DIGITAL DOCUMENTATION AND DISSEMINATION OF CERAMIC FINDS FROM GUADALUPE, HONDURAS

Fecher, Franziska (University of Zurich) - Lyons, Mike (University of Bonn; German Archaeological Institute) - Reindel, Markus (German Archaeological Institute) - Fux, Peter (Museum Rietberg Zurich; University of Zurich) - Mara, Hubert (Mainz University of Applied Sciences) - Bayer, Paul (University of Graz) - Gubler, Brigitte (Lucerne University of Applied Sciences and Arts)

- 15:00 **ACCURACY AND MECHANICAL STRENGTH OF LATE PREHISTORY BALANCES: A 3D-MODELLING-BASED APPROACH**  
Poigt, Thibaud (UMR 5607 Ausonius - Univ. Bordeaux Montaigne; UMR 5608 TRACES - Univ. Toulouse Jean Jaurès) - Comte, Florent (independent researcher)
- 15:15 **DEER ANTLER STORIES – COMBINING 3D-TECHNOLOGIES, ARTISTIC RESEARCH AND ARCHAEOLOGY TO BRING MESOLITHIC STORYTELLING PRACTICES BACK TO LIFE**  
Ahola, Marja (Helsinki University) - Lassila, Katri (Aalto University) - Davidow, Elviira (Independent artist)
- 15:30 **DISCUSSION SLOT**
- 15:45 **LOOKING BACK GOING FORWARD: LEARNING FROM 100 YEARS OF PROCESS IN THE DIGITAL TURN**  
Pantos, Alexis (Freelance) - Murray, Owen (The Epigraphic Survey - Oriental Institute of the University of Chicago)
- 16:00 **DEVELOPMENT AND INTEGRATION OF 3D-APPLICATIONS IN JAPANESE ARCHAEOLOGY**  
Loftus, James (Kyushu University; Japan Society for the Promotion of Science) - Noguchi, Atsushi (Nara National Research Institute for Cultural Properties; JCSACH)
- 16:15 **DISCUSSION SLOT**
- 16:30 **IMPLEMENTING A 3D DOCUMENTATION WORKFLOW FOR CONTEXT-BASED EXCAVATIONS: THE CHALCOLITHIC SETTLEMENT AT TELL YUNATSITE, BULGARIA**  
Whitford, Brent (University at Buffalo)
- 16:45 **3D DOCUMENTATION AS BUILDING BLOCKS FOR RESEARCH ON PREHISTORIC SITES IN THE BALKANS – VISUALIZING SVINJARIČKA ČUKA AND BIJELJINA**  
Petschko, Irene - Gavranović, Mario - Horejs, Barbara (Austrian Archaeological Institute, Austrian Academy of Sciences) - Klein, Michael (7reasons)
- 17:00 **DISCUSSION SLOT**
- 17:15 **3D TECHNOLOGIES FOR ARCHAEOLOGICAL RESEARCH AND PUBLIC OUTREACH IN THE TROPICAL FOREST OF THE MAYA AREA**  
Munoz Cosme, Gaspar (Universitat Politècnica de València; C.I. PEGASO) - Vidal Lorenzo, Cristina - Aliperta, Andrea (Universitat de València; Departamento de Historia del Arte)
- 17:30 **SETTLEMENT, FORTIFICATION AND FLUVIAL CHANNEL. INTEGRATION OF 3D PHOTOGRAMMETRY AT POHANSKO NEAR BŘECLAV**  
Prištáková, Michaela - Dresler, Petr (Masaryk University)
- 17:45 **3D DOCUMENTATION IN SAARI MANOR EXCAVATION 2020**  
Paukkonen, Nikolai (Muuritutkimus Oy) - Uotila, Kari (Muuritutkimus Oy; University of Turku; University of Helsinki)
- 18:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **THREE-DIMENSIONAL SEEDS. IMPLEMENTING 3D TECHNOLOGIES IN ARCHAEOBOTANY**  
Aquaro, Antonella (DAI - Deutsches Archäologisches Institut; Freie Universität Berlin)

## 543 MATERIAL MINDS: EXPLORING THE INTERACTIONS BETWEEN CULTURAL ARTEFACTS, MATERIAL CULTURE AND EMBODIED MIND

Time: 11:00 - 13:00 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Discussion session

Organisers: Criado-Boado, Felipe (Institute of Heritage Sciences - Incipit, CSIC) - Müller, Johannes (University of Kiel, Institute of Prehistoric and Protohistoric Archaeology)

#### ABSTRACTS

11:00 **INTRODUCTION**

11:15 **PERCEIVING TOOLS: VISUAL ATTENTION DURING LOWER PALEOLITHIC STONE TOOL EXPLORATION**  
Silva Gago, María - Fedato, Annapaola (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH) - Hodgson, Timothy (University of Lincoln) - Terradillos-Bernal, Marcos (Universidad Isabel I) - Alonso-Alcalde, Rodrigo (Universidad de Burgos) - Bruner, Emiliano (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH)

11:30 **MATERIAL CULTURE, LANDSCAPE PERCEPTION AND “MODERN” MIND IN MIDDLE PLEISTOCENE. A NOVEL ARCHAEOLOGICAL WORKING HYPOTHESIS LINKING MATERIALITY AND COGNITION**  
Romagnoli, Francesca (UAM - Universidad Autónoma de Madrid)

11:45 **MATERIAL CULTURE AS MATERIALIZATION OF THOUGHTS**  
Gralak, Tomasz (University of Wrocław)

12:00 **MATERIAL “BIG OTHER”: ON RELATIONS BETWEEN LANGUAGE AND MATERIAL CULTURE**  
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)

12:15 **DISCUSSION SLOT**

## 549 ANCIENT PASTORALIST ADAPTATIONS IN THE EURASIAN STEPPE: THE INTERSECTION OF BIOMOLECULAR AND LANDSCAPE ARCHAEOLOGY

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Wright, Joshua (University of Aberdeen) - Makarewicz, Cheryl (Institute for Prehistoric and Protohistoric Archaeology, Kiel University)

#### ABSTRACTS

9:00 **COMPARATIVE LANDSCAPE ARCHAEOLOGY IN CENTRAL EURASIA: DEVELOPING THE ARCHAEOLOGY OF PASTORALISM IN LOWLAND AND HIGHLAND RESEARCH**  
Rouse, Lynne (Eurasia Dept, DAI)

9:15 **EURASIAN BRONZE AGE PASTORAL ECONOMY AND PEOPLES ‘MOVES**  
Shishlina, Natalia (State Historical museum)

9:30 **MOBILITY IN THE GOBI-ALTAI MOUNTAINS (MONGOLIA): A DIACHRONIC ANALYTICAL APPROACH**  
Dal Zovo, Cecilia - Parceró-Oubiña, César - González-García, A. César (Incipit-CSIC) - Güimil-Fariña, Alejandro (DIMENSO Spatial Technologies)

9:45 **DYNAMICS IN BURIAL CUSTOMS OF THE SINTASHTA CULTURE AND THE BEGINNING OF PASTORALISM IN THE SOUTHERN URALS**  
Schreiber, Finn (Independent researcher)

10:00 **DISCUSSION SLOT**

- 10:15 MULTI-ISOTOPE INVESTIGATION OF ANIMAL HUSBANDRY AT EARLY AENEOLITHIC MONJUKLI DEPE, SOUTHERN TURKMENISTAN**  
Eger, Jana (Eurasia Department, German Archaeological Institute) - Knipper, Corina (Curt Engelhorn Centre for Archaeometry) - Pollock, Susan - Bernbeck, Reinhard (Institute for Near Eastern Archaeology, Free University of Berlin)
- 10:30 EARLY EVIDENCE OF DOMESTIC SHEEP FROM CENTRAL ASIA**  
Shnaider, Svetlana (ArchaeoZOOlogy in Siberia and Central Asia - ZooSCAN, CNRS – IAET SB RAS International Research Laboratory, IRL 2013) - Taylor, William (University of Colorado Museum of Natural History) - Pruvost, Melanie (Bordeaux University) - Rendu, William (ArchaeoZOOlogy in Siberia and Central Asia - ZooSCAN, CNRS – IAET SB RAS International Research Laboratory, IRL 2013) - Posth, Cosimo (Archaeo- and Palaeogenetics group, Institute for Archaeological Sciences, University of Tübingen; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Abdykanova, Aida (American University in Central Asia) - Jeong, Choongwon (School of Biological Sciences, Seoul National University) - Hermes, Taylor - Douka, Katerina (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Warinner, Christina (Department of Anthropology, Harvard University; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena)
- 10:45 RE-EVALUATING FISH PROCESSING IN THE SIBERIAN TAIGA: SPECIES IDENTIFICATION OF POTTERY PROTEIN RESIDUES FROM EXPERIMENTAL MIXTURES**  
Pal Chowdhury, Manasij - Buckley, Michael (Manchester Institute of Biotechnology, School of Natural Sciences, University of Manchester; Interdisciplinary Centre for Ancient Life, School of Natural Sciences, University of Manchester) - Makarewicz, Cheryl - Piezonka, Henny (Institute for Prehistoric and Protohistoric Archaeology, Kiel University)
- 11:00 FIRST DIRECT 14C DATING OF EQUINE PRODUCTS PRESERVED IN ARCHAEOLOGICAL POTTERY VESSELS AT BOTAI AND BESTAMAK, KAZAKHSTAN**  
Casanova, Emmanuelle (Organic Geochemistry Unit, School of chemistry, University of Bristol) - Knowles, Timothy (Bristol Radiocarbon Accelerator Mass Spectrometry, University of Bristol) - Roffet-Salque, Mélanie (Organic Geochemistry Unit, School of chemistry, University of Bristol) - Outram, Alan (Department of Archaeology, University of Exeter) - Evershed, Richard (Organic Geochemistry Unit, School of chemistry, University of Bristol)
- 11:15 DISCUSSION SLOT**
- 11:30 PASTORALIST DIETARY DYNAMICS IN BRONZE AGE ALTAI**  
Makarewicz, Cheryl (Kiel University) - Roffet-Salque, Melanie - Casanova, Emmanuelle (University of Bristol) - Grushin, Sergey - Tishkin, Alexey (Altai State University) - Evershed, Richard (University of Bristol)
- 11:45 DETECTING DAIRY IN THE ANCIENT EURASIAN STEPPE: METHODOLOGICAL DEVELOPMENTS IN PROTEOMIC ANALYSES OF HUMAN DENTAL CALCULUS**  
Palmer, Karren (School of Natural Sciences, Manchester Institute of Biotechnology, The University of Manchester) - Makarewicz, Cheryl (Institute for Prehistoric and Protohistoric Archaeology, Kiel University) - Tishkin, Alexey - Tur, Svetlana (Department of Archeology, Ethnography, and Museology, Altai State University) - Chunag, Amartuvshin (Mongolian Institute of Archaeology) - Diimajav, Erdenebaatar (Department of Archaeology and History, Ulaanbataar State University) - Jamsranjav, Bayarsaikhan (National Museum of Mongolia) - Buckley, Michael (School of Natural Sciences, Manchester Institute of Biotechnology, The University of Manchester)
- 12:00 ISOTOPIC PERSPECTIVES ON EARLY PASTORALISTS IN THE WEST SIBERIAN FOREST STEPPE**  
Reinhold, Sabine (German Archaeological Institute) - Marchenko, Zhanna (Institute of Archaeology and Ethnography Siberian Branch of the Russian Academy of Sciences - IAET SB RAS) - Eger, Jana (German Archaeological Institute) - Knipper, Corina (Curt Engelhorn Centre for Archaeometry - CEZA)
- 12:15 THE SHIFT FROM HUNTING-GATHERING TO PASTORALISM IN THE MONGOLIAN STEPPE: COMPOUND-SPECIFIC AMINO ACID ISOTOPE EVIDENCE**  
Kendall, Iain (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Diimajav, Erdenebaatar (Department of Archaeology and History, Ulaanbataar State University) - Chunag, Amartuvshin (Mongolian Institute of Archaeology) - Jamsranjav, Bayarsaikhan (National Museum of Mongolia) - Tsaagan, Turbat - Al-

tangerel, Enkhtur (Mongolian Institute of Archaeology) - Honeychurch, William (Department of Anthropology, Yale University) - Evershed, Richard (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Makarewicz, Cheryl (Institute of Prehistoric and Protohistoric Archaeology, Kiel University)

**12:30 DISCUSSION SLOT**

## **687 MEDIEVAL STONE MONUMENTS: THE MATERIALITY OF REMEMBRANCE**

Time: 9:00 - 13:00 CEST, 7 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Caval, Saša (University of Reading; University of Primorska) - Busset, Anouk (University of Glasgow; Université de Lausanne)



### **ABSTRACTS**

- 9:00 INTRODUCTION**
- 9:15 THE SLEEPING BEAUTY OF KOPER THAT HYBERNATED THROUGH THE MIDDLE AGES BUT WOKE UP TO TELL THE STORY**  
Mileusnic, Zrinka - Pobežin, Gregor (University of Primorska)
- 9:30 FOR ALL TO SEE, AND YET FORGOTTEN: (RE)DISCOVERING THE MEDIEVAL CARVED STONE PANEL IN NEW MALTON, NORTH YORKSHIRE**  
Steinforth, Dirk (Independent researcher)
- 9:45 FAMILY TIES: THE GOVAN RECUMBENT CROSS-SLABS**  
Kasten, Megan (University of Glasgow)
- 10:00 MONUMENT, MOVEMENT AND MEANING: THE VARIED LIVES OF MEDIEVAL STONE MONUMENTS ON THE ISLE OF MAN**  
Johnson, Andrew (Manx National Heritage)
- 10:15 DISCUSSION SLOT**
- 10:30 MIGRATION PERIOD PICTURE STONES FROM GOTLAND AS WITNESSES OF AN ORAL CULTURE**  
Strehlau, Hannah (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 10:45 OVERLAYING PREHISTORIC WITH MEDIEVAL REMEMBRANCE IN BOSNIA AND HERZEGOVINA**  
Caval, Saša (University of Reading; University of Primorska)
- 11:00 MEMORY AND MEMORIALISATION: CARVED STONES CONNECTING PEOPLE AND PLACES**  
Busset, Anouk (University of Glasgow; University of Lausanne)
- 11:15 MEDIEVAL BRICKMAKERS' MARKS AND REMEMBRANCE IN THE MEDIEVAL DIOCESE OF TURKU, FINLAND**  
Aalto, Ilari (University of Turku; Aboa Vetus Ars Nova Museum)
- 11:30 INTERPRETATIO CHRISTIANA: THE POSSIBLE CHRISTIAN CONTENT OF THE RE-USED ROMAN STATUE OF ICARUS**  
Smid, Katarina (University of Primorska)
- 11:45 DISCUSSION SLOT**



## 690 GENERAL SESSION: NEW METHODS AND RESULTS

Time: 9:00 - 17:30 CEST, 7 September 2021

Format: Regular session

Chair: to be confirmed

### ABSTRACTS

- 9:00 **HOW TO HARNESS A HORSE?**  
Bauer, Anna (Independent Researcher)
- 9:15 **POTENTIALS AND LIMITS OF PORTABLE X-RAY FLUORESCENCE ANALYSIS (P-XRFA) FOR POTTERY MATERIAL**  
Schauer, Michaela (ClfA Deutschland/LMU München)
- 9:30 **COMPASSION IN ARCHAEOLOGY BY ARCHITECTURAL DESIGN METHODS**  
Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 9:45 **DISCUSSION SLOT**
- 10:00 **ORIENTATION OF NEOLITHIC HOUSES IN THE POMORAVLJE REGION, SERBIA: A CHRONOLOGICAL PARAMETER OF THE DYNAMICS OF THE SETTLEMENT EXPANSION**  
Savic, Ružica (Institute of Archaeology, Belgrade)
- 10:15 **A SONG OF GIS AND FIRE. DETERMINATION OF FIRING TRAJECTORIES IN AN OFF-TELL ENEOLITHIC CONSTRUCTION AT SULTANA-MALU ROȘU (SOUTHEASTERN ROMANIA)**  
Covataru, Cristina - Opris, Ionela (Research Institute of the University of Bucharest, University of Bucharest) - Opris, Vasile - Ignat, Theodor (Bucharest Municipality Museum) - Panaiotu, Cristian - Dimofte, Daniela (Paleomagnetism Laboratory, University of Bucharest) - Lazar, Catalin (Research Institute of the University of Bucharest, University of Bucharest)
- 10:30 **THE USE OF DOT AND LINE PATTERNS ON THE BONE TOOLS FROM THE LATE NEOLITHIC AND CHALCOLITHIC EAST BALKANS**  
Azeri, Hazal (German Archaeological Institute, Eurasia Department) - Christidou, Rozalia (CNRS/UMR 5133-Archéorient) - Margarit, Monica (Valahia University Targoviste)
- 10:45 **MINING AND MEMORY: BRONZE AGE COPPER MINING AT THE GREAT ORME MINE, UK**  
Wager, Emma (None)
- 11:00 **NEW PERSPECTIVES FOR THE SCIENTIFIC STUDY OF LEVANTINE ROCK ART: SURFACE CONSOLIDATION**  
Serrano Aranda, Claudia - Bea Martínez, Manuel (Universidad de Zaragoza) - Zalbidea Muñoz, M<sup>re</sup> Antonia (Universitat Politècnica de València)
- 11:15 **DISCUSSION SLOT**
- 11:30 **MIGRANT INDICATORS: THE ARCHAEOLOGICAL IDENTIFICATION OF MIGRANTS IN THE PREHISTORIC MEDITERRANEAN**  
Giardino, Claudio (University of Salento) - Mieli, Gianfranco (Museum of the Emigrant, Introdacqua - L'Aquila) - Pisoni, Luca (Independent researcher) - Zappatore, Tiziana (University of Salento)
- 11:45 **A TRACEOLOGICAL AND EXPERIMENTAL APPROACH TO SURFACE PROCESSING OF BRONZE AND IRON AGE CERAMICS IN SW POLAND**  
Gawron-Szymczyk, Aleksandra (Institute of Archaeology University of Wrocław)
- 12:00 **THE PHOENICIAN SITE OF CASTILLO DE DOÑA BLANCA, GEOPHYSICS AND MODELLING CONTRIBUTIONS TO ITS ARCHAEOLOGICAL PLAN**  
Trapero Fernández, Pedro - Ruiz Gil, Jose Antonio - Lagóstena Barrios, Lázaro - Pérez Marrero, Jenny - Catalán González, Javier - Martín Mochales, Domingo (Cádiz University) - Parrilla Giráldez, Rubén (Seville University) - Rondán Sevilla, Isabel - Ruiz Barroso, Manuel (Cádiz University)

- 12:15 **ASSEMBLING POTTERY PRACTICES FOR THE STUDY OF EARLY VILLAGER HOUSEHOLDS IN THE SOUTHERN ANDES**  
Vazquez Fiorani, Agustina (Universidad Nacional de Cordoba) - Franco Salvi, Valeria (Instituto de Humanidades - IDH, Cordoba; Consejo Nacional de Investigaciones Científicas y técnicas - CONICET) - Salazar, Julian (Instituto de Estudios Históricos - IEH, Cordoba; Consejo Nacional de Investigaciones Científicas y técnicas - CONICET)
- 12:30 **KEEP YOUR OBJECTS CLOSE, KEEP YOUR BONES CLOSER. HUMAN REMAINS AS HEIRLOOMS**  
de Roest, Karla (University of Groningen, Groningen Institute of Archaeology)
- 12:45 **DISCUSSION SLOT**
- 14:30 **OSTEOMETRIC ANALYSIS OF CATTLE IN THE ROMAN VILLA OF ALMENARA-PURAS (VALLADOLID, SPAIN).**  
Pazos García, Rocío (University of Salamanca)
- 14:45 **MEDIEVAL ARCHEOLOGY ON THE PERIPHERY. THE CASE OF THE MIDDLE CÔA (PORTUGAL)**  
Ramos, Tiago (Institute of Medieval Studies - Nova University of Lisbon)
- 15:00 **ENWHALED EUROPE. ON THE CONSUMPTION OF WHALE BLUBBER AND BONE DURING 16TH AND 17TH CENTURIES**  
Escribano-Ruiz, Sergio (University of the Basque Country - UPV/EHU)
- 15:15 **DISCUSSION SLOT**
- 15:30 **BETWEEN INNOVATION AND TRADITION, OR HOW EARLY MEDIEVAL LOCAL COMMUNITIES BUILT THEIR GROUP IDENTITY (WESTERN POLAND)**  
Zamelska-Monczak, Kinga (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Center for Prehistoric and Medieval Studies, Poznań) - Kolenda, Justyna (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Department for Research on Late Antiquity and Early Medieval, Wrocław)
- 15:45 **INFRASTRUCTURES FOR CAPTURING, INTERPRETING AND VISUALISING TEXTS FOR ARCHAEOLOGICAL ANALYSIS: THE EXAMPLE OF THE RURAL-CY PROJECT**  
Paraskeva, Charalampos - Hadjittofi, Petroula - Rizopoulou-Egoumenidou, Euphrosyne - Vionis, Athanasios (Archaeological Research Unit, University of Cyprus)
- 16:00 **ARCHIVAL STUDIES AND ACTUALIZATION OF THE ARCHAEOLOGICAL HERITAGE OF THE TAMAN EXPEDITION (1929-1932)**  
Zastrozhnova, Evgenia (Archive of Russian Academy of Sciences) - Medvedeva, Maria (Institute of History of Material Culture of RAS)
- 16:15 **DISCUSSION SLOT**

### POSTERS:

- A. **DENTAL PHENOTYPIC SIMILARITIES IN THE CHALCOLITHIC-BRONZE AGE HUMAN POPULATIONS FROM NORTH-EASTERN ROMANIA: A STATISTICAL MODELLING OF THE SECOND MOLAR MORPHOLOGY**  
Popovici, Mariana - Groza, Vasilica-Monica (Romanian Academy - Iasi Branch, "O. Necrasov" Center of Anthropological Research) - Petraru, Ozana-Maria - Bejenaru, Luminița (Romanian Academy - Iasi Branch, "O. Necrasov" Center of Anthropological Research; Faculty of Biology, "Alexandru Ioan Cuza" University of Iași)
- B. **RESEARCH OF PREHISTORIC POTTERY TRADITIONS - THE POTENTIAL AND PROBLEMS OF A HOLISTIC APPROACH**  
Kudelic, Andreja (Institute of Archaeology Zagreb)

## WEDNESDAY 8 SEPTEMBER

### OPENING CEREMONY (17:00 CEST)

#### KEYNOTE LECTURE (PART OF THE OPENING CEREMONY)

- Henny Piezonka: Untying the bundle: Neolithic cultural traits seen from a global (forager) perspective

| 9:00 - 11:00  | 11:00 - 13:00  | 14:30 - 16:30   | 16:30 - 18:30 CEST |
|---|--|---|--------------------|
| <b>16.</b> "Economic Archaeology" and Quantitative Approaches – Measuring the Variations in Production and Consumption from Archaeological Data     |  | <b>131.</b> The Place of Queer Theory in Current Archaeological Debates: All T, No Shade? [AGE]   |                    |
| <b>21.</b> Domesticating Time: Temporal Changes in Animals and Plants during the Holocene   |  | <b>296.</b> Tracing Prehistoric Hunter-Gatherers in Their Environment: Challenges and Perspectives for Prospecting Elusive Lifeways [PaM; Archaeological Prospection] |                    |
| <b>48.</b> Ebb & Flow: Exploring Rivers from Prehistory to the Present Day  |  |   |                    |
| <b>152.</b> Ancient West Asia and Egyptian Soundscapes in Contact   |  |   |                    |
| <b>156.</b> Users of Heritage: Critical Appraisal of the Adoption of Citizen Science in Digital Processes of Archaeological Knowledge Production    | <b>256.</b> IMPR – Phytoliths Biogeochemistry - From Phytoliths Formation and Role in Modern Plants to New Proxies for Archaeology and Palaeoecology |   |                    |
| <b>172.</b> Sacrifice & Value: Seeking an Anthropological Archaeology of Sacrifice  |  | <b>347.</b> Public and Community Archaeology in a (Post-)Covid Landscape [Public Archaeology]   |                    |
| <b>192.</b> Landscapes and the Augustan Revolution: Exploring the Transformation of the Western Provinces between the Republic and the Early Empire |  | <b>376.</b> Expanding Horizons: Decolonisation, Contested Ownership of Archaeological Material, and the 1970 UNESCO Convention on Cultural Property                   |                    |
| <b>267.</b> History of Measuring and Calculations in Archaeology  |  | <b>493.</b> 'How the Neolithic Created the Bronze Age': Neolithic Societies of Europe on the Eve of Metallurgy  |                    |
| <b>277.</b> Living in the Mountains: Settlement Strategies from the Beginning of the Holocene to Modern Times in Southern Europe. Part 1            |  | <b>683.</b> Contested Colonial Collecting: Revitalization, Repatriation and Reburial  |                    |

| 9:00 - 11:00   | 11:00 - 13:00   | 14:30 - 16:30 | 16:30 - 18:30 CEST |
|--|---|---------------|--------------------|
| <b>284.</b> Innovations, Ideology and Interactions - The Narratives of Early Modern Decorated Earthenware  |   |               |                    |
| <b>300.</b> Contact - the 'Other' in Experimental Use-Wear Studies   |   |               |                    |
| <b>321.</b> Contemporary Approaches to the Investigation and Management of Archaeological Resources in Alluvial Environments                           | <b>287.</b> Economic and Technological Networks of the Eurasian Steppes |               |                    |
| <b>334.</b> Human-Environmental Networks in Healing Cults, Rural Sanctuaries and Sacred Groves between Intersectionality and Transcultural Negotiation |   |               |                    |
| <b>339.</b> Social Networks of Non-Urban Settlements during the Early and High Middle Ages in Europe   |   |               |                    |
| <b>361.</b> Rock Art Technology: Theoretical and Methodological Approaches. Part 2   |   |               |                    |
| <b>368.</b> A Dark Golden Age. New Approaches in the Research of the Circumalpine Middle Bronze Age  |   |               |                    |
| <b>370.</b> The Tangible and the Intangible: New Vistas on Cultural Heritage Documentation and Management  |   |               |                    |
| <b>418.</b> Should I Stay or Should I Go? Patterns of Mobility in Prehistoric Sedentary and Pastoralist Societies                                      |   |               |                    |
| <b>445.</b> Digital Methods and Typology: New Horizons   |   |               |                    |

| 9:00 - 11:00   | 11:00 - 13:00   | 14:30 - 16:30 | 16:30 - 18:30 CEST |
|--|---|---------------|--------------------|
| <b>463.</b> What Really Was a Castle?: Widening the Horizons of Interdisciplinary Interpretation   |   |               |                    |
| <b>465.</b> Soil and Sediment Micromorphology in Archaeology   |   |               |                    |
| <b>479.</b> From Climate Change to Activism: How Can European Hunter-Gatherer Archaeology Contribute towards Broader Contemporary Debates? [PaM]               |   |               |                    |
| <b>482.</b> Moulding the World. Craftsmen and Craftsmanship between the Baltic and the Carpathians in the Light of Archaeometallurgical Research (2600-500 BC) |   |               |                    |
| <b>509.</b> Horseman-Horse Couple through Time and Space. Part 1   |   |               |                    |
| <b>514.</b> Small but Significant: Exploring Neo-Eneolithic Miniature Representations as Material Objects  |   |               |                    |
| <b>518.</b> Worth the Effort: Evidence of Prehistoric Cross-Craft Interactions   |   |               |                    |
| <b>521.</b> Shaping a Discipline: Knowledge Transmission and Exchange in the History of Archaeology. Part 1  |   |               |                    |
| <b>691.</b> General Session: Burials, Rituals and Memories   |   |               |                    |
|  | <b>476.</b> Understanding and Expanding Capacity in Archaeological Data Management beyond Western Europe  |               |                    |
|  | <b>497.</b> What Do My Data Signify? How Can This Theory Be Supported? Interrogating Connections between Science and Theory in Funerary Archaeology |               |                    |

## 16 “ECONOMIC ARCHAEOLOGY” AND QUANTITATIVE APPROACHES – MEASURING THE VARIATIONS IN PRODUCTION AND CONSUMPTION FROM ARCHAEOLOGICAL DATA

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Pasquini, Béline (Université Paris 1 Panthéon-Sorbonne) - Millot-Richard, Clara (Université Paris 1 Panthéon-Sorbonne; CNRS - UMR 8215 Trajectoires) - Keil, Jessica (Leopold-Franzens-Universität Innsbruck)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 AN ECONOMIC HISTORY OF EXCHANGES FROM GRAVE GOODS : SOME QUANTIFICATION ISSUES IN ARCHAIC CAMPANIA (8TH-6TH BC)  
Maudet, Ségolène (Université de Lorraine - Hiscant)
- 9:30 TRACKING MICROREGIONAL ECONOMIC TRENDS THROUGH ARCHAEOBOTANY: LESSONS FROM THE LATE ANTIQUE NEGEV HIGHLANDS  
Fuks, Daniel (McDonald Institute for Archaeological Research, University of Cambridge)
- 9:45 DISCUSSION SLOT
- 10:00 REFLECTIONS ON THE QUANTIFICATION OF LATE ROMAN BRICK PRODUCTION: THE “AULA PALATINA” IN THE IMPERIAL RESIDENCE OF TRIER  
Schmidts, Thomas - Herdick, Michael (Römisch-Germanisches Zentralmuseum)
- 10:15 FORMATION OF ANCIENT INDUSTRIAL DISTRICTS – THE CASE STUDY OF THE EASTERN EIFEL  
Hunold, Angelika (RGZM - Römisch-Germanisches Zentralmuseum, Leibniz-Forschungsinstitut für Archäo) - Schaaff, Holger (RGZM)
- 10:30 ON THE OTHER SIDE OF THE MIRROR: HOW EUROPEAN LATE PREHISTORY PEOPLE MEASURED AND QUANTIFIED THEIR OWN WORLD?  
Poigt, Thibaud (UMR 5607 Ausonius - Univ. Bordeaux Montaigne; UMR 5608 TRACES - Univ. Toulouse Jean Jaurès)
- 10:45 DISCUSSION SLOT
- 11:00 ENERGY EXPENDITURE CALCULATIONS ON COPPER AND BRONZE METALLURGY AS A QUANTITATIVE TOOL FOR UNDERSTANDING BRONZE AGE ECONOMY?  
Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel)
- 11:15 IRON AGE ECONOMICS IN PERSPECTIVE OF DATA QUANTIFICATION FROM ARCHAEOLOGICAL ANALYSES OF – HOW FAR CAN WE GO?  
Bursak, Daniel - Danielisová, Alžběta (Institution of Archaeology of the CAS, Prague)
- 11:30 SALT AND IRON IN FRANCE AND GERMANY: COULD THESE RAW MATERIALS BRING AN EARLY MARKET ECONOMY TO LIGHT?  
Millot-Richard, Clara (Paris 1 Panthéon Sorbonne)
- 11:45 DISCUSSION SLOT
- 12:00 A WEALTH FROM CRUCIBLE AND ANVIL – IRON AGE SPATIAL SOCIO-ECONOMY AS SEEN THROUGH MULTIMETAL CRAFTSMANSHIP AND METAL USE  
Svensson, Andreas (Dept. of Archaeology and Ancient history, Lund University)
- 12:15 WRITING ECONOMIC HISTORY WITHOUT CONCRETE FIGURES? BRONZE AGE NORTH TYROL AND THE QUESTION OF THE ECONOMIC SIGNIFICANCE OF METAL PRODUCTION  
Keil, Jessica (University of Innsbruck - Department of Archaeologies)
- 12:30 DISCUSSION SLOT

## 21 DOMESTICATING TIME: TEMPORAL CHANGES IN ANIMALS AND PLANTS DURING THE HOLOCENE

Time: 9:00 - 12:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Rosenstock, Eva (Freie Universität Berlin, Einstein Center Chronoi) - Orton, David (University of York, Department of Archaeology, BioArCh) - Antolin, Ferran (Universität Basel, Integrative Prehistory and Archaeological Science - IPAS)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 A TIME TO SOW, A TIME TO REAP: CHANGING BIOLOGICAL AND ECONOMIC RHYTHMS IN SOUTHWEST ASIAN PLANT AND ANIMAL DOMESTICATION  
Marom, Nimrod (University of Haifa, Department of Maritime Civilizations & the Leon Recanati Institute for Maritime Studies) - Fuks, Daniel (McDonald Institute for Archaeological Research, University of Cambridge)
- 9:30 AGRICULTURAL PRACTICES OF THE NEOLITHIC COMMUNITIES IN THE CENTRAL BALKANS: WHAT CAN THE WEED SEEDS TELL US?  
Sabanov, Amalia (Laboratory for Bioarchaeology, University of Belgrade) - Obradović, Đurđa (Institute of Archaeology, Belgrade) - Filipović, Dragana (Institute for Pre- and Protohistory, Christian Albrecht University, Kiel) - Antolin, Ferran (Integrative Prehistory and Archaeological Science - IPAS, University of Basel; German Archaeological Institute, Berlin)
- 9:45 DISCUSSION SLOT
- 10:00 IDENTIFYING SHEEP AND GOAT TEETH AND MANDIBLES USING GEOMETRIC MORPHOMETRICS FOR STUDYING THEIR DIACHRONIC EVOLUTION  
Jeanjean, Marine - Evin, Allowen (Institut des sciences de l'évolution)
- 10:15 SEASONAL REPRODUCTIVE RHYTHMS OF EARLY INTRODUCED SHEEP IN THE IBERIAN PENINSULA: DECIPHERING NEOLITHIC PATHWAYS  
Tornero, Carlos (IPHES-CERCA, Institut Català de Paleoecologia Humana i Evolució Social; Area de Prehistòria, Universitat Rovira i Virgili - URV) - Balasse, Marie (Archéozoologie, archéobotanique: sociétés, Pratiques Et Environnements - AASPE, Muséum National D'histoire Naturelle, CNRS) - Navarrete, Vanessa (Laboratori d'Arqueozoologia, Departament de Prehistòria, Edifici B Facultat Filosofia i Lletres. Universitat Autònoma de Barcelona) - Martín, Patricia - Messana, Chiara (IPHES-CERCA, Institut Català de Paleoecologia Humana i Evolució Social; Area de Prehistòria, Universitat Rovira i Virgili - URV) - Sierra, Alejandro (Laboratori d'Arqueozoologia, Departament de Prehistòria, Edifici B Facultat Filosofia i Lletres. Universitat Autònoma de Barcelona) - Fiorillo, Denis (Archéozoologie, archéobotanique: sociétés, Pratiques Et Environnements - AASPE, Muséum National D'histoire Naturelle, CNRS) - Saña, Maria (Laboratori d'Arqueozoologia, Departament de Prehistòria, Edifici B Facultat Filosofia i Lletres. Universitat Autònoma de Barcelona)
- 10:30 UNRAVELLING MODES OF LIVESTOCK MANAGEMENT IN THE CENTRAL PYRENEES DURING THE EARLY NEOLITHIC  
Sierra, Alejandro (Laboratori d'Arqueozoologia, Departament de Prehistòria, Edifici B Facultat Filosofia i Lletres, Autonomous University of Barcelona; Primeros Pobladores y Patrimonio Arqueológico del Valle del Ebro, Universidad de Zaragoza) - Balasse, Marie (AASPE « Archéozoologie, archéobotanique: sociétés, pratiques, environnements » UMR 7209 CNRS MNHN) - Rivals, Florent (ICREA; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Departament d'Història i Història de l'Art) - Bréhard, Stéphanie (AASPE « Archéozoologie, archéobotanique: sociétés, pratiques, environnements » UMR 7209 CNRS MNHN) - Montes, Lourdes - Utrilla, Pilar (Primeros Pobladores y Patrimonio Arqueológico del Valle del Ebro, Universidad de Zaragoza) - Fiorillo, Denis (AASPE « Archéozoologie, archéobotanique: sociétés, pratiques, environnements » UMR 7209 CNRS MNHN) - Saña, Maria (Laboratori d'Arqueozoologia, Departament de Prehistòria, Edifici B Facultat Filosofia i Lletres, Autonomous University of Barcelona)

- 10:45 **DIVERSTIY OF CATTLE DURING THE LATE NEOLITHIC CARPATHIAN BASIN**  
Csippán, Péter (Eötvös Loránd University of Sciences, Institute of Archaeology)
- 11:00 **CATTLE-BASED AGRICULTURE IN THE EARLY AND MIDDLE NEOLITHIC IN THE POLISH LOWLANDS: INVESTIGATING TEMPORAL AND REGIONAL CHANGES IN CATTLE POPULATIONS.**  
Gembicki, Maciej (Department of Archaeology, Adam Mickiewicz University in Poznan) - Lisowski, Mik (BioArCh, University of York) - Winkler-Galicki, Jakub - Derebecka, Natalia - Wesoły, Joanna (Department of Biology, Adam Mickiewicz University in Poznan) - Marciniak, Arkadiusz (Department of Archaeology, Adam Mickiewicz University in Poznan)
- 11:15 **SEASONAL CALVING IN EUROPEAN PREHISTORIC CATTLE**  
Balasse, Marie (AASPE, CNRS MNHN, Paris) - Gillis, Rosalind (ICArEHB, Universidade do Algarve) - Živaljević, Ivana (BioSense Institute, University of Novi Sad) - Berthon, Rémi (AASPE, CNRS MNHN, Paris) - Kovačiková, Lenka (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia) - Bălăşescu, Adrian ("Vasile Pârvan" Institute of Archaeology, Romanian Academy) - Bréhard, Stéphanie (AASPE, MNHN, Paris) - Dimitrijević, Vesna (Laboratory for Bioarchaeology, Department of Archaeology, University of Belgrade) - Stefanović, Sofija (BioSense Institute, University of Novi Sad; Laboratory for Bioarchaeology, Department of Archaeology, University of Belgrade) - Ivanova, Maria (Vienna Institute for Archaeological Science - VIAS, University of Vienna; Institut für Ur- und Frühgeschichte und Vorderasiatische Archäologie, Universität Heidelberg)
- 11:30 **DISCUSSION SLOT**

## 48 **EBB & FLOW: EXPLORING RIVERS FROM PREHISTORY TO THE PRESENT DAY**

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Nimura, Courtney (University of Oxford) - Evans, Christopher (Cambridge Archaeological Unit/University of Cambridge) - Skoglund, Peter (Linnaeus University) - Schulting, Rick (University of Oxford) - Cooper, Anwen (Cambridge Archaeological Unit/University of Cambridge)

### ABSTRACTS

- 9:00 **DOWN BY THE RIVER IN LATER PREHISTORIC BRITAIN**  
Nimura, Courtney - Schulting, Rick (University of Oxford) - Sturt, Fraser (University of Southampton) - Snoeck, Christophe (Vrije Universiteit Brussel) - Green, Chris (University of Oxford) - Cooper, Anwen (University of Cambridge)
- 9:15 **HOSTY. THE NODAL POINT OF THE EARLY BRONZE AGE ROUTE ON THE RIVER VLTAVA IN BOHEMIA**  
Hlásek, Daniel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Břicháček, Pavel (West Bohemian Museum in Pilsen) - Eigner, Jan (National Museum in Prague) - Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences, Prague)
- 9:30 **ON THE MOVE: ROUTEWAYS, NETWORKS, AND MEETING PLACES FROM COAST TO INLAND**  
Nimura, Courtney (University of Oxford) - Skoglund, Peter (Linnaeus University)
- 9:45 **DISCUSSION SLOT**
- 10:00 **FROM THE SOURCE TO THE SEA. BRONZE AGE WET-LAND AND RIVER DEPOSITS - CHANGES IN TIME AND SPACE**  
Beck, Malene (Østfyns Museer) - Frost, Lise (Moesgaard Museum)
- 10:15 **WATERWAYS NETWORK AND ANCIENT COMMUNITIES AT THE FOOTHILLS OF THE OUTER EASTERN CARPATHIANS (ROMANIA)**  
Bolohan, Neculai („Alexandru Ioan Cuza” University of Iași)

- 10:30 **RIVER MOBILITY IN THE BELGIAN SCHELDT AND MEUSE BASINS**  
Dalle, Sarah (Department of Archaeology, University of Ghent; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - Snoeck, Christophe (Research Unit Analytical, Environmental & Geochemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - Capuzzo, Giacomo (Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Hlad, Marta (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Sabaux, Charlotte (Department of Archaeology, University of Ghent, Belgium; Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Salesse, Kevin (Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Sengeløv, Amanda (Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Veselka, Barbara (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit Analytical, Environmental & Geochemistry, Department of Chemistry, Vrije Universiteit Brussel) - De Mulder, Guy (Department of Archaeology, University of Ghent)
- 10:45 **DISCUSSION SLOT**
- 11:00 **DYNAMIC ASSEMBLAGES AND EMBODIED FLOWS: HUMAN-RIVER ENTANGLEMENTS IN THE MESOLITHIC**  
Živaljević, Ivana (Biosense Institute, University of Novi Sad)
- 11:15 **A PASTORAL IDYLL: PREHISTORIC ANIMAL HERDING ALONG THE DANUBE FROM A STABLE ISOTOPE PERSPECTIVE**  
Gillis, Rosalind (ICArEHB, Universidade do Algarve, Faro)
- 11:30 **GETTING HOOKED? THOUGHTS ON THE IDENTIFICATION AND INTERPRETATION OF FISHING EQUIPMENT IN NEOLITHIC COLLECTIVE GRAVES IN GERMANY**  
Meyer, Christian (OsteoARC)
- 11:45 **DISCUSSION SLOT**
- 12:00 **IN, ON, ABOVE, ACROSS AND BEYOND THE RIVER: THE ROLE OF THE DANUBE FOR THE TELL AT SZAZHALOMBATTA, HUNGARY**  
Sorensen, Marie Louise Stig (University of Cambridge)
- 12:15 **TIME AND THE RIVER: PREHISTORIC COMMUNITIES AND MONUMENTS ON THE FENLAND OUSE**  
Evans, Christopher (University of Cambridge)
- 12:30 **AN 'EVERGLADES-LIKE' LANDSCAPE? HUMAN-ENVIRONMENT INTERACTIONS WITHIN THE RIVERSCAPES AND WETLANDS OF THE HUMBERHEAD LEVELS, UK**  
Whitehouse, Nicki (Archaeology, University of Glasgow; University of Plymouth) - Shilobod, Nika (School of Geography, Earth and Environmental Sciences, Plymouth University) - Chapman, Henry (Classics, Ancient History and Archaeology, University of Birmingham) - Bunting, M. Jane (Geography, University of Hull) - Gearhey, Ben (Archaeology, University College Cork) - Davies, Kim (IMSET, Archaeology and Anthropology, University of Bournemouth) - Farrell, Michelle (Geography, University of Coventry) - Phil, Barratt (Archaeology, University of Glasgow)
- 12:45 **DISCUSSION SLOT**
- 14:30 **TEOTIHUACAN AND THE SAN JUAN RIVER: A RELATIONSHIP TO EXPLORE**  
Moragas, Natalia - Pecci, Alessandra (University of Barcelona) - Barba, Luis - Ortiz, Agustin (Universidad Nacional Autónoma de México)
- 14:45 **THE SHAPING OF WATER: INTERACTIONS BETWEEN LANDSCAPE, EXPLOITATION OF WATER, AND SETTLEMENT IN THE MEDIEVAL WESTERN ALPS**  
Nejrotti, Luca (Ass. Cultura e Territorio - ACT; Aix Marseille Univ, CNRS, LA3M)

- 15:00 **THE AGE OF DEPOSITION OF ACCUMULATIVE FAN SEDIMENTS IN SERTEYKA RIVER VALLEY (WESTERN RUSSIA)**  
Ginter, Artur (University of Lodz, Faculty of Philosophy and History, Institute of Archaeology, Spectrometry and Luminescence Dating Laboratory, Lodz) - Kittel, Piotr - Piech, Wiktor (University of Lodz, Faculty of Geographical Sciences, Department of Geomorphology and Palaeogeography, Lodz) - Moska, Piotr (Institute of Physics - Centre for Science and Education, Division of Geochronology and Environmental Isotopes, Silesian University of Technology, Gliwice) - Krąpiec, Marek (AGH - University of Science and Technology, Faculty of Geology, Geophysics and Environmental Protection, Krakow) - Sikorski, Jarosław (Institute of Physics - Centre for Science and Education, Division of Geochronology and Environmental Isotopes, Silesian University of Technology, Gliwice) - Hrynowiecka, Anna (Gdansk Polish Geological Institute - National Research Institute, Marine Geology Branch, Gdansk) - Stachowicz-Rybka, Renata - Cywa, Katarzyna (W. Szafer Institute of Botany Polish Academy of Sciences, Krakow) - Mazurkevich, Andrey (The State Hermitage Museum, St. Petersburg)
- 15:15 **FLOW REVERSALS IN RIVERS: A STUDY IN ARCHAEOLOGY OF FLOW**  
Edgeworth, Matt (School of Archaeology and Ancient History)
- 15:30 **DISCUSSION SLOT**

### 131 **THE PLACE OF QUEER THEORY IN CURRENT ARCHAEOLOGICAL DEBATES: ALL T, NO SHADE?**

Time: 14:30 - 16:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Jensen, Bo (Kroppedal Museum) - Matić, Uroš (Austrian Archaeological Institute)



#### ABSTRACTS

- 14:30 **SESSION INTRODUCTION**  
Jensen, Bo (Independent) - Matić, Uroš (Austrian Archaeological Institute)
- 14:45 **TO BOLDLY GO WHERE NO QUEER THEORIST HAS GONE BEFORE**  
Kok, Marjolijn (Bureau Archeologie en Toekomst)
- 15:00 **HOW QUEER WERE CROSS-ONTOLOGICAL SEXUAL ENCOUNTERS IN ANCIENT EGYPT?**  
Matic, Uros (Österreichisches Archäologisches Institut)
- 15:15 **NO SAME-SEX FOR THE WICKED ROMAN SOLDIERS: EXPLORATIONS INTO THE MASCULINITY AND SEXUALITY OF THE ROMAN ARMY SOLDIERS**  
Ivleva, Tatiana (Newcastle University)
- 15:30 **USES AND MISUSES OF QUEER THEORY IN FUNERARY ARCHAEOLOGY**  
Algrain, Isabelle (Université libre de Bruxelles) - Mary, Laura (Recherches et Prospections archéologiques)
- 15:45 **HOW QUEER IS THAT? HOW IS THAT QUEER? WOMEN VIKING WARRIORS, ADNA AND MODERN UNEASE WITH PAST IDENTITIES**  
Jensen, Bo (Independent)
- 16:00 **THE CARETAKER AND THE MILITARY: WOMEN WITH THEIR OWN AGENCY IN A MILITARY HOSPITAL ENVIRONMENT IN MODERN LISBON**  
de Carvalho, Lilianna (Research Center of Anthropology and Health, University of Coimbra) - Henriques, Susana (EON-Indústrias Criativas) - Amarante, Ana (Centre for Functional Ecology, University of Coimbra) - Wasterlain, Sofia (Research Center of Anthropology and Health, University of Coimbra; Centre for Functional Ecology, University of Coimbra)
- 16:15 **DISCUSSION SLOT**

### 152 **ANCIENT WEST ASIA AND EGYPTIAN SOUNDSCAPES IN CONTACT**

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Köpp-Junk, Heidi (Universität Trier) - Sánchez Muñoz, Daniel (University of Granada) - Rogers, John (Swansea University)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **ANCIENT CHEIRONOMY: THE GESTURING MUSICIANS OF ANCIENT EGYPT AND ITS NEIGHBOURS. WHO INFLUENCED WHOM?**  
Megier, Austin (Macquarie University)
- 9:30 **A COMPARATIVE STUDY BETWEEN BES AND THE MIDDLE ELAMITE LUTE PLAYERS IN THE SECOND MILLENNIUM B.C.**  
Khaksar, Sepideh (Free University Berlin)
- 9:45 **THE EARLIEST MUSIC IN ANCIENT EGYPT AND WHERE IT CAME FROM**  
Köpp-Junk, Heidi (University of Trier; Egyptian Archaeology at the Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences Warsaw)
- 10:00 **DISCUSSION SLOT**
- 10:15 **SACRED FEMALE MUSICIANS IN ANCIENT EGYPT AND WEST ASIA: A COMPARATIVE STUDY**  
Guegan, Izold (Swansea University)
- 10:30 **MUSICAL CONTACTS BETWEEN EGYPT AND ANCIENT WEST ASIA THROUGH THE XVIIIITH DYNASTY BANQUET SCENES**  
Bueno Guardia, Miriam (Universidad Nacional de Educación a Distancia)
- 10:45 **EGYPTIAN INFLUENCES IN ANCIENT MESOPOTAMIAN MUSIC? UPDATES AND NEW INSIGHTS**  
Sánchez Muñoz, Daniel (Independent Researcher)
- 11:00 **DISCUSSION SLOT**
- 11:15 **PLAYING AND LEARNING CYPRIOT MUSIC AT THE URE MUSEUM**  
Romero Mayorga, Claudina (Ure Museum of Greek Archaeology)
- 11:30 **FOLLOWING THE BEAT. FRAME DRUM PATHS THROUGH EASTERN MEDITERRANEAN**  
Mungari, Pasquale Mirco - Kolotourou, Katerina (Independent researcher)
- 11:45 **THE EGYPTIAN TBN-DRUM AND THE GRAECO-ROMAN TYMPANUM: MUSICAL ALLUSIONS TO CROSS-MEDITERRANEAN CULTURAL INFLUENCES IN THE FIRST-MILLENNIUM BC**  
Rogers, John (Swansea University)
- 12:00 **DISCUSSION SLOT**
- 12:15 **PLACES OF MUSICAL EXCHANGE BETWEEN EGYPT AND THE LEVANT**  
Staubli, Thomas (Universität Fribourg)
- 12:30 **CHANGES AND CONTINUITY IN ANCIENT EGYPTIAN AEROPHONES**  
Böckler, Nadja (Egyptian Museum Munich)
- 12:45 **WHO PLAYED THE SISTRUM? A MISSING INSTRUMENT IN THE HEBREW BIBLE**  
Friedmann, Jonathan (Academy for Jewish Religion California)
- 14:30 **DISCUSSION SLOT**

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**156 USERS OF HERITAGE: CRITICAL APPRAISAL OF THE ADOPTION OF CITIZEN SCIENCE IN DIGITAL PROCESSES OF ARCHAEOLOGICAL KNOWLEDGE PRODUCTION**

Time: 9:00 - 11:00 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Session with keynote presentation and discussion

Organisers: Thomas, Suzie (University of Antwerp) - Oksanen, Eljas (University of Helsinki) - Wessman, Anna (University Museum of Bergen)

**ABSTRACTS**

- 9:00 TRUSTING THE PUBLIC: RECORDING ARCHAEOLOGICAL FINDS IN A GLOBAL PANDEMIC  
Lewis, Michael (British Museum)
- 9:15 CURRENT STATE OF CITIZEN SCIENCE IN ARCHAEOLOGY OF THE CZECH REPUBLIC  
Komoróczy, Balázs (Institute of Archaeology of the Academy of Sciences of the Czech Republic, Brno)
- 9:30 CO-PRODUCTION OF ARCHAEOLOGICAL FIND DATA: ADVANTAGES AND CHALLENGES OF CITIZEN SCIENCE IN ARCHAEOLOGICAL COLLECTION MANAGEMENT  
Rohiola, Ville (Finnish Heritage Agency)
- 9:45 WIKIDATA AND THE WIKIMEDIA UNIVERSE AS A PLATFORM FOR CITIZEN ARCHAEOLOGISTS  
Schmidt, Sophie (Free University Berlin)
- 10:00 FACTORY SMOKESTACKS, AN INTERACTIVE ONLINE MAP, AND IDEAS ON HERITAGE  
Äikäs, Tiina (Archaeology, University of Oulu) - Seitsonen, Oula (University of Oulu) - Koskinen-Koivisto, Eerika (University of Jyväskylä)
- 10:15 DISCUSSION SLOT

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**172 SACRIFICE & VALUE: SEEKING AN ANTHROPOLOGICAL ARCHAEOLOGY OF SACRIFICE**

Time: 9:00 - 12:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Walsh, Matthew (Museum of Cultural History, UiO; National Museum of Denmark) - Moen, Marianne (Museum of Cultural History, UiO)

**ABSTRACTS**

- 9:00 FROM OBLIGATION AND OBLATION TO SUBLIMATED VIOLENCE? TRANSFORMATION OF HUMAN SACRIFICE IN THE PREHISTORY OF NORTHERNMOST EUROPE  
Walsh, Matthew (National Museum of Denmark; Museum of Cultural History, UiO)
- 9:15 BODY PARTS IN THE BOG: PERCEPTIONS OF PERSONHOOD, VALUE AND SACRIFICE  
Moen, Marianne (Museum of Cultural History University of Oslo)
- 9:30 BANDS BETWEEN THE LIVING AND THE DEAD: THOR'S HAMMER RINGS IN RELATIONAL AND RECIPROCAL PERSPECTIVE  
McGinnis, Meghan (Stockholm University)
- 9:45 RITUALS AND SACRIFICES IN ANCIENT ARCADIAN CULTS  
Dimopoulou, Sotiria (University of Münster, Classical Archaeology)
- 10:00 DISCUSSION SLOT

- 10:15 MIMETIC RITUALS AND THE SOCIAL  
Hohle, Isabel (RGK - Romano-Germanic Commission DAI)
- 10:30 THE QUESTION OF A POTLATCH IN ARCHAEOLOGY  
Gralak, Tomasz (University of Wrocław)
- 10:45 FIBULAE LEFT BEHIND: SACRIFICES AT FIRST SIGHT? A PRELIMINARY REPORT OF THE SACRIFICIAL SITE AT OBERLEIBNIG (TIROL/AUSTRIA)  
Waldhart, Elisabeth (Universität Innsbruck, Institut für Archäologien) - Schmölder, Astrid (Otto-Friedrich-Universität Bamberg, Institut für Archäologische Wissenschaften, Denkmalwissenschaften und Kunstgeschichte - IADK)
- 11:00 SACRIFICE, VALUES AND MONETARY SYMBOLS  
Gullbekk, Svein H (Museum of Cultural History, University of Oslo)
- 11:15 EARLY MEDIEVAL WEAPON DEPOSITIONS IN WATERY CONTEXTS: CONTINENTAL EUROPEAN PERSPECTIVE  
Maczek, Dušan (Department of Archaeology and Museology, Masaryk University, Brno; Faculty of Archaeology, Leiden University)
- 11:30 DISCUSSION SLOT

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**192 LANDSCAPES AND THE AUGUSTAN REVOLUTION: EXPLORING THE TRANSFORMATION OF THE WESTERN PROVINCES BETWEEN THE REPUBLIC AND THE EARLY EMPIRE**

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Espana-Chamorro, Sergio (Institut Ausonius - UMR 5607, Bordeaux) - Moreno Escobar, María del Carmen (Durham University)

**ABSTRACTS**

- 9:00 INTRODUCTION
- 9:15 EUROPA ASIA AFRICA IN LATIN LITERATURE FROM THE REPUBLICAN TO THE AUGUSTAN AGE  
Paladini, Mariantonietta (Università di Napoli)
- 9:30 AUGUSTUS AND THE TRANSFORMATION OF THE ROMAN ROAD NETWORK IN THE WESTERN PROVINCES (GAUL, HISPANIA AND AFRICA). AN EPIGRAPHICAL PERSPECTIVE  
Espana-Chamorro, Sergio (Universidad Complutense de Madrid; Institut Ausonius - UMR 5607, Bordeaux)
- 9:45 ROADS AND LANDSCAPE TRANSFORMATION IN SOUTH-EASTERN HISPANIA: A CASE STUDY  
Lopez Garcia, Antonio (University of Helsinki)
- 10:00 THE IBAÑETA/RONCESVALLES PASS AND ITS TERRITORY: AN EXAMPLE OF LANDSCAPE ORGANISATION IN THE EARLY EMPIRE PERIOD IN THE WESTERN PYRENEES  
Mendizabal Sardonis, Oihane (UPV/EHU, Department of Classic Studies; Aranzadi Science Society)
- 10:15 DISCUSSION SLOT
- 10:30 PARAMETRISING THE ROMAN ARMY'S BEHAVIOUR IN NORTHERN IBERIA: THE EXPEDITIO PROJECT  
Costa-García, José (Universidade de Santiago de Compostela)
- 10:45 TIMES OF CHANGE: THE TRANSFORMATION OF SETTLEMENT LANDSCAPES IN EASTERN GAUL DURING THE AUGUSTAN PERIOD  
Fernández-Götz, Manuel (University of Edinburgh, School of History, Classics and Archaeology)
- 11:00 AGGREGATION AND LOCAL AGENCY IN THE LANDSCAPE OF EASTERN LANGUEDOC (1ST C. BCE - 1ST C. CE)  
Borowski, Pawel (University of St Andrews/ University of Tuebingen)

- 11:15 DISCUSSION SLOT
- 11:30 **LANDSCAPE TRANSITIONS IN TARRACO: EXTENDING THE UNDERSTANDING OF PROVINCIAL COMMUNITIES AND THEIR INTEGRATION INTO THE ROMAN EMPIRE**  
Moreno Escobar, Maria del Carmen (Durham University; University of Lund)
- 11:45 **TRANSFORMATION OF THE PRODUCTIVE LANDSCAPE IN SW IBERIAN PENINSULA: ECONOMIC ORIENTATION AND INFRASTRUCTURE BEFORE AND AFTER THE "AUGUSTAN REVOLUTION"**  
Moreno Megias, Violeta (Instituto del Patrimonio Cultural de España; Universidad de Sevilla)
- 12:00 **HYDRAULIC TECHNOLOGIES, THE PRODUCTIVE LANDSCAPE OF WESTERN PROVINCES AND THE DEVELOPMENT OF ROMAN LAW**  
Ronin, Marguerite (CNRS)
- 12:15 DISCUSSION SLOT

## 256 **IMPR – PHYTOLITHS BIOGEOCHEMISTRY - FROM PHYTOLITHS FORMATION AND ROLE IN MODERN PLANTS TO NEW PROXIES FOR ARCHAEOLOGY AND PALAEOECOLOGY**

Time: 11:00 - 16:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Dreibrodt, Stefan - Dal Corso, Marta (Kiel University) - Chevalier, Alexandre (Royal Institute of Natural Sciences)



### ABSTRACTS

- 11:00 **PHYTOLITH CHEMISTRY: WHAT WE KNOW AND WHAT WE DON'T**  
Hodson, Martin (Oxford Brookes University)
- 11:30 **ELEMENTAL COMPOSITION OF CENTRAL EUROPEAN TREE LEAVES DELIVERS HINTS TO ENVIRONMENTAL SETTINGS, BIOGEOCHEMICAL CYCLING AND SOIL FORMATION**  
Dreibrodt, Stefan (Kiel University, CRC1266)
- 11:45 DISCUSSION SLOT
- 12:00 **PHYTOLITH PRODUCTION IN TWO DIFFERENT ENVIRONMENTS IN SOUTHEASTERN BRAZIL**  
Ricardo, Sarah (National Museum of Brazil - Federal University of Rio de Janeiro) - Coe, Heloisa (University of the State of Rio de Janeiro, Brazil) - Alves, Ruy (National Museum of Brazil - Federal University of Rio de Janeiro)
- 12:15 **PHYTOLITHS IN FERNS: CYATHEA DELGADII STERNB. AND PTERIDIUM ARACHNOIDEUM (KAULF.) MAXON FROM DIFFERENT ENVIRONMENTS**  
Ricardo, Sarah (National Museum of Brazil - Federal University of Rio de Janeiro) - Coe, Heloisa (University of the State of Rio de Janeiro) - Alves, Ruy (National Museum of Brazil - Federal University of Rio de Janeiro)
- 12:30 **PHYTOLITH PRESERVATIONS IN MODERN AND FOSSIL DEPOSITS FROM PERMAFROST IN THE KOLYMA LOWLAND**  
Zanina, Oksana (Institute of Physicochemical and Biological Problems in Soil Science RAS)
- 12:45 DISCUSSION SLOT
- 14:30 **SILICON STABLE ISOTOPES IN PHYTOLITHS: A TOOL TO ASSESS WATER AVAILABILITY? PRELIMINARY RESULTS OF LASER ABLATION ANALYSIS OF EXPERIMENTAL CROPS**  
Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Frick, Daniel (GFZ German Research Centre for Geosciences, Earth Surface Geochemistry) - D'Agostini, Francesca (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; CERES team. DIADE - Diversity and Adaptation and Development of plant Group, Université de Montpellier) - Varalli, Alessandra - Ruiz-Pérez, Javier (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra)

- Madella, Marco (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Vadez, Vincent (IRD - Institut de Recherche pour le Développement. Université de Montpellier, UMR DIADE, BP; ICRISAT - International Crops Research Institute for Semi-Arid Tropics. Patancheru) - Kholova, Jana (ICRISAT - International Crops Research Institute for Semi-Arid Tropics. Patancheru)

- 15:00 **UNDERSTANDING THE RELATIONSHIP BETWEEN THE PHYSIOLOGY OF WATER TRANSPORT AND PHYTOLITHS PRODUCTION IN SELECTED C4 CROPS: AN EXPERIMENTAL APPROACH**  
D'Agostini, Francesca (CaSEs - Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; CERES team. DIADE - Diversity and Adaptation and Development of plant Group, Université de Montpellier) - Vadez, Vincent (CERES team. DIADE - Diversity and Adaptation and Development of plant Group, Université de Montpellier; IRD - Institut de Recherche pour le Développement. Marseille; ICRISAT - International Crops Research Institute for Semi-Arid Tropics. Patancheru) - Kholova, Jana (ICRISAT - International Crops Research Institute for Semi-Arid Tropics. Patancheru) - Ruiz-Pérez, Javier (CaSEs - Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Madella, Marco (CaSEs - Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA - Catalan Institution for Research and Advanced Studies; Department of Geography, Archaeology and Environmental Studies, University of Witwatersrand) - Lancelotti, Carla (CaSEs - Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA - Catalan Institution for Research and Advanced Studies)
- 15:15 DISCUSSION SLOT
- 15:30 **WHAT DO WE KNOW ABOUT HEATED PHYTOLITHS BECOMING AUTO-FLUORESCENT?**  
Hodson, Martin (Oxford Brookes University) - Devos, Yannick - Hermans, Rosalie (MARI, Vrije Universiteit Brussel) - Segato, Tiriana - Delplancke, Marie-Paule (4MAT, Université Libre de Bruxelles) - Chevalier, Alexandre (Royal Belgian Institute of Natural Sciences, Brussels) - Vrydaghs, Luc (MARI, Vrije Universiteit Brussel)
- 15:45 **IT IS ABOUT TIME: FOUR CONSIDERATIONS IN STUDYING PHYTOLITH EVOLUTIONARY HISTORY**  
Katz, Ofir (Dead Sea and Arava Science Center)
- 16:00 DISCUSSION SLOT + POSTERS

### POSTERS:

- A. **ASSESSING PHYTOLITH PRODUCTION IN MEDITERRANEAN HERBS**  
García-Granero, Juan José (Spanish National Research Council - IMF-CSIC; University of Oxford) - Patús, Cristina (University of Barcelona)
- B. **LEAF PHYTOLITHS PRODUCTION IN PLANTS OF UPPER MONTANE RAIN FOREST (ATLANTIC FOREST BIOME) - BRAZIL**  
Mozer, Jonathan (PPG- Geography, UNIOESTE, Marechal Cândido Rondon) - Calegari, Marcia (Geography Collegiate, UNIOESTE, Marechal Cândido Rondon) - Vidal Torrado, Pablo (Department of Soil Science, ESALQ/USP, Piracicaba) - Madella, Marco (CaSEs Research Group, Department of Humanities, Pompeu Fabra University) - Macedo, Rodrigo (Instituto Nacional do Semiárido, Campina Grande) - de Souza, Erica (PPG- Geography, UNIOESTE, Marechal Cândido Rondon)

## 267 **HISTORY OF MEASURING AND CALCULATIONS IN ARCHAEOLOGY**

Time: 9:00 - 12:00 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Plutniak, Sébastien (TRACES Laboratory, Toulouse) - Nakoinz, Oliver (Institute of Pre- and Protohistoric Archaeology, Kiel) - Kerig, Tim (Institute of Pre- and Protohistoric Archaeology, Kiel) - Diachenko, Aleksandr (National Academy of Sciences of Ukraine, Kiev)

### ABSTRACTS

- 9:00 INTRODUCTION



- 9:15 **THE MULTIPLE BEGINNINGS OF QUANTITATIVE REASONING IN EUROPEAN ARCHAEOLOGY**  
Kerig, Tim (Cluster of Excellence ROOTS, CAU Kiel)
- 9:30 **TAYLOR AND SPAULDING: QUANTIFYING THE PAST**  
Smith, Elizabeth (State University of New York University at Buffalo) - Zubrow, Ezra (State University of New York University at Buffalo; University of Toronto)
- 9:45 **WAR TECHNOLOGIES IN ARCHAEOLOGY: NUCLEAR PHYSICS AND COMPUTING. A COMPARATIVE HISTORY OF TRANSFERS (1950S-1970S)**  
Plutniak, Sébastien (TRACES Laboratory, Toulouse; Centre Émile Durkheim, Bordeaux) - Delley, Géraldine (Laténium, Neuchâtel; Université de Neuchâtel)
- 10:00 **SAILING THE "BATTLESHIPS": HISTORY AND FUTURE OF THE FREQUENCY SERIATION IN ARCHAEOLOGICAL METHOD AND THEORY**  
Diachenko, Aleksandr (National Academy of Sciences of Ukraine, Institute of Archaeology) - Sobkowiak-Tabaka, Iwona (Adam Mickiewicz University in Poznan)
- 10:15 **DISCUSSION SLOT**
- 10:30 **DIGITAL DOCUMENTATION FOR CERAMIC NETWORKS IN THE ARCHAEOLOGICAL CONTEXT: THE CASE OF ROMAN PATRAS, GREECE**  
Kougia, Nickoula (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Simoni, Heleni (Department of Geology, University of Patras; Institute of Local History, Patras) - Iliopoulos, Ioannis (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona)
- 10:45 **COUNTING STONES. FROM MARBLE FRAGMENTS TO UNDERSTANDING ROMAN BUILDING SURFACES.**  
Galán Palomares, Laura (Institut Català d'Arqueologia Clàssica - ICAC) - Soler Huertas, Begoña (Universidad de Murcia - UM; Institut Català d'Arqueologia Clàssica - ICAC) - Gutiérrez Garcia-M., Anna (Institut Català d'Arqueologia Clàssica - ICAC) - Garcia-Entero, Virginia (Universidad Nacional de Educación a Distancia - UNED)
- 11:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **APPLYING RANSAC ALGORITHM TO ANALYSE ARCHAEOLOGICAL AND ARCHITECTURAL MATERIALS FROM OSTIA ANTICA**  
Ogawa, Takuro (Faculty of Human-Environment Studies, Kyushu University) - Hori, Yoshiki (Dept. of Architecture and Urban Design, Kyushu University)
- B. **STANDARD MEASURES OF CAPACITY IN POMPEII AND HERCULANEUM**  
Ogawa, Takuro (Faculty of Human-Environment Studies, Kyushu University) - Hori, Yoshiki (Dept. of Architecture and Urban Design, Kyushu University) - Ayatsuka, Ikuhiro (OBAYASHI CORPORATION)

### 277 **LIVING IN THE MOUNTAINS: SETTLEMENT STRATEGIES FROM THE BEGINNING OF THE HOLOCENE TO MODERN TIMES IN SOUTHERN EUROPE. PART 1**

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Alliot, Pascal (Department of Antiquity and Middle Age Studies, Autonomous University of Barcelona - UAB) - Stagno, Anna (Laboratory of Environmental Archaeology and History - DAFIST-DISTAV, University of Genoa) - Olesti, Oriol (Department of Antiquity and Middle Age Studies, Autonomous University of Barcelona - UAB) - Gassiot Ballbè, Ermengol (Department of Prehistory, Autonomous University of Barcelona - UAB) - Portillo, Marta (Institució Milà i Fontanals, Spanish National Research Council - CSIC)

#### ABSTRACTS

- 9:00 **THE CERRETANI (ORIENTAL PYRENEES): SETTLEMENT AND PRODUCTIVE PATTERNS FROM THE IRON AGE TO THE ROMAN CONQUEST (4TH-1ST C. BC)**  
Vila, Oriol (Universitat Autònoma de Barcelona)
- 9:15 **INTEGRATED LANDSCAPE RESEARCH IN TER HIGH MOUNTAIN VALLEYS (EASTERN PYRENEES, SPAIN): LIVESTOCK, SETTLEMENT DYNAMICS AND LAND-USE IN A LONG-TERM PERSPECTIVE**  
Palet, Josep Maria - Pescini, Valentina - Colominas, Lúdia - Garcia-Molsosa, Arnau - Euba, Itxaso (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - GIAP-ICAC)
- 9:30 **ARCHAEOLOGICAL SURVEY IN A HIGH-MOUNTAIN ENVIRONMENT: LIVESTOCK SETTLEMENTS, LAND-USE AND LANDSCAPE DYNAMICS IN PUIGPEDRÓS MASSIF AND DURAN VALLEY (EASTERN PYRENEES, SPAIN)**  
Carbonell, Arnau - Palet, Josep - Colominas, Lúdia - Martínez, Jesús - Pescini, Valentina - Gallego-Valle, Abel - Aliende, Paloma (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP)
- 9:45 **FLYING OVER THE PASTURES. TOWARDS NEW PROCEDURES FOR ARCHAEOLOGICAL SURVEYS IN HIGH ALTITUDE AREAS**  
Calastrenc, Carine - Baleux, François - Poirier, Nicolas - Antoine, Laurent - Philippe, Magali - Rendu, Christine (CNRS)
- 10:00 **DISCUSSION SLOT**
- 10:15 **PEOPLING THE ITALIAN MOUNTAINS, 9500-2000 BC: ANSWERING OLD AND NEW QUESTIONS**  
Skeates, Robin (Department of Archaeology, Durham University)
- 10:30 **CHALLENGES FOR PREHISTORIC ALPINE FOREST SUBSISTENCE ECONOMIES: STRATEGIES OF DIVERSIFICATION, FOOD STORAGE AND PRESERVATION - THE LEVENTINA (TICINO) CASE STUDY**  
Della Casa, Philippe (University of Zurich)
- 10:45 **THE "MASSIF DU FOSSARD", BETWEEN MOUNTAIN AND FOREST: A WINDOW OPENED ON THE ANTHROPIISATION OF THE VOSGES MOUNTAINS**  
KRAEMER, Charles (HisCant-MA - Université de Lorraine)
- 11:00 **THE CHANGING LANDSCAPES OF MONTE PRIMO (CENTRAL APENNINES, ITALY): NEW PERSPECTIVES ON A MONUMENTAL MOUNTAIN TOP SITE**  
de Neef, Wieke (Ghent University)
- 11:15 **THE BRONZE AGE DEPOSIT OF EL MIRADOR CAVE: A HIGH-RESOLUTION INVESTIGATION OF ANIMAL HERDING USING MICROMORPHOLOGY AND PHYTOLITH ANALYSES**  
Polo-Diaz, Ana (Department of Archaeology, University of Sheffield) - Burguet-Coca, Aitor (IPHES-Institut Català de Paleoecologia Humana i Evolució Social) - Vergès-Bosch, Josep Maria (IPHES- Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili - URV)
- 11:30 **ABOUT A RITUAL DAMAGE OF A ROMAN ARMOR IN A SANCTUARY GURZUFSKOE SEDLO**  
Novichenkova, Maria (Institute of Archaeology of National academy of Science of Ukraine)
- 11:45 **DISCUSSION SLOT**

#### POSTERS:

- A. **HUTS, ENCLOSURES, AND OTHER DRY-STONE STRUCTURES: TOWARDS AN UNDERSTANDING OF THE ARCHAEOLOGICAL RECORD IN HIGH MOUNTAIN ZONES OF SOUTHEASTERN EUROPE**  
García Casas, David (Institute of Heritage Sciences Incipit - CSIC)

## 284 INNOVATIONS, IDEOLOGY AND INTERACTIONS - THE NARRATIVES OF EARLY MODERN DECORATED EARTHENWARE

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Witte, Frauke (Museum of Southern Denmark) - Wennberg, Tom (Gothenburg City Museum)



### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 NEW DATA ON 13TH-15TH CENTURY CERAMIC PRODUCTION IN BENEVENTO (CAMPANIA, ITALY): THE EXCAVATION OF THE MONASTERY OF SANT'ILARIO  
Rapuno, Silvana - Rotili, Marcello (Università della Campania Luigi Vanvitelli)
- 9:30 MODERN DECORATED EARTHENWARE IN THE NORTH OF FRANCE BETWEEN THE 16TH AND 18TH CENTURIES  
Vincent, Vaiana (INRAP)
- 9:45 PORTUGUESE CERAMICS AS A VEHICLE FOR EUROPEAN AESTHETIC SYMBOLIC MESSAGES (1550-1800)  
Casimiro, Tania (HTC NOVA University of Lisbon)
- 10:00 DISCUSSION SLOT
- 10:15 LEAVES, CIRCLES, WAVES AND MORE - DECORATED LEAD-GLAZED EARTHENWARES FROM THE GOTHENBURG AREA IN THE EARLY MODERN TIMES  
Wennberg, Tom (Museum of Gothenburg) - Gustavsson, Jeanette (Rio Göteborg) - Forsblom Ljungdahl, Veronika (Arkeologerna)
- 10:30 THE PAINTED EARTHENWARE OF THE LOWER RHINE REGION - A CERAMIC MEDIUM AND ITS CULTURAL CONNECTIONS  
Röser, Christian (LVR-LandesMuseum Bonn; Rheinische Friedrich-Wilhelms-Universität Bonn)
- 10:45 A NEW DISCOVERED POTTERY PRODUCTION SITE OF HORN-PAINTED SLIP WARE FROM DESSAU AT THE ELBE RIVER (SAXONY-ANHALT/GERMANY)  
Petzschmann, Ulf (Landesamt für Denkmalpflege und Archäologie Sachsen-Anhalt)
- 11:00 DISCUSSION SLOT
- 11:15 ADAPTATION OF NOVELTIES IN POTTERY PRODUCTION AND DECORATION IN POMERELIAN TOWNS IN POST-MEDIEVAL PERIOD  
Starski, Michal (Faculty of Archaeology University of Warsaw)
- 11:30 FORGING IDENTITIES IN EARLY MODERN CARNIOLA: THE CASE OF LOKA PAINTED WARE  
Predovnik, Katarina (University of Ljubljana, Faculty of Arts, Department of Archaeology)
- 11:45 FEASTING & DANCING - PURE JOY OR GUILTY PLEASURE? FESTIVITY MOTIFS ON VESSELS AND TILES FROM EARLY MODERN TIMES  
Krukowska, Olga (Archaeological Museum in Gdansk)
- 12:00 DISCUSSION SLOT
- 12:15 FOR ONE KNIGHT ONLY? SYMBOLISM AND MEANING IN THE DECORATION OF STENHOUSE REDWARE CERAMICS  
Hall, Derek (Independent Contractor)
- 12:30 A FORGOTTEN ART HISTORY?  
Johansen, Iben (Museum Sønderjylland)

- 12:45 EVERDAY ART? EXPRESSION BY SYMBOLISM ON EARLY MODERN EARTHENWARE IN SOUTHERN SCANDINAVIA  
Witte, Frauke (Museum of Southern Jutland)

14:30 DISCUSSION SLOT

## 287 ECONOMIC AND TECHNOLOGICAL NETWORKS OF THE EURASIAN STEPPES

Time: 11:00 - 16:30 CEST, 8 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Gleba, Margarita (Ludwig Maximilian University of Munich; University College London) - Daragan, Marina (Institute of Archaeology, Ukrainian National Academy of Science)

### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 SHEEP AND WOOL: EURASIAN STEPPE PASTORAL CULTURE INPUT IN WOOL INDUSTRY DEVELOPMENT  
Shishlina, Natalia (State Historical museum) - Orfinskaya, Olga (Centre of Egyptological investigation, RAS) - Roslyakova, Natalia (Samara State University of Social Sciences and Education)
- 11:30 PRACTICE NOT CULTURE: ON THE UTILITY OF THE COMMUNITY OF PRACTICE CONCEPT FOR CERAMIC TECHNOLOGY ON THE EURASIAN STEPPE  
Rose, Nicole (Independent Researcher)
- 11:45 NOMADLAND: EXPLORING BRONZE AGE POTTING TRADITIONS OF SOUTHEAST KAZAKHSTAN  
Dupuy, Paula (Department of Sociology and Anthropology, Nazarbayev University) - Amicone, Silvia (Competence Center Archaeometry Baden-Wuerttemberg, Eberhard-Karls-Universität Tübingen; UCL Institute of Archaeology, University College London) - Mathur, Arvin (Department of Anthropology, University of Wisconsin-Madison)
- 12:00 SAKA-SCYTHIAN GOLDSMITHING: EVIDENCE FROM ELEKE SAZY AND SHILIKTY BURIAL COMPLEXES (KAZAKHSTAN)  
Amirova, Saltanat - Martín-Torres, Marcos (University of Cambridge)
- 12:15 TECHNIQUE AND TECHNOLOGY OF SCYTHIAN BRONZE ARROWHEAD CASTING  
Daragan, Marina (Institute of Archaeology of Ukrainian National Academy of Sciences)
- 12:30 USING ARCHAEOLOGICAL MATERIALS SCIENCE TO TRACE ECONOMIC AND TECHNOLOGICAL NETWORKS OF THE EUROPEAN SCYTHIANS  
Gleba, Margarita (Ludwig Maximilian University of Munich)
- 12:45 DISCUSSION SLOT
- 14:30 USING ZOOMS TO IDENTIFY LEATHER SPECIES FROM THE 1ST MILLENNIUM BC BURIALS OF THE EURASIAN STEPPES  
Brandt, Luise (GLOBE Institute) - Daragan, Marina (Institute of Archaeology of the National Academy of Sciences of Ukraine, Kiev) - Pankova, Svetlana - Chugunov, Konstantin (The State Hermitage, St. Petersburg) - Gleba, Margarita (Ludwig Maximilian University of Munich)
- 14:45 PIGMENTS OF EUROPEAN SCYTHIANS LOCATED IN THE PONTIC STEPPE: PRELIMINARY RESULTS  
Leighton, Chloe (UCL) - Gleba, Margarita (LMU) - Radivojevic, Miljana (UCL) - Daragan, Marina (Institute of Archaeology of the National Academy of Sciences of Ukraine) - O'Grady, Caitlin - Phillipson, Ines (UCL)
- 15:00 SCYTHIAN FUNERAL FEAST AS A REFLECTION OF SCYTHIAN ECONOMICS: THE CASE OF ROYAL SCYTHIAN ALEXANDROPOL KURGAN  
Daragan, Marina - Polin, Sergei (Institute of Archaeology of Ukrainian National Academy of Sciences)

- 15:15 **“ALL MY PRETTY ONES?” - CHEMICAL ANALYSES OF SOME GLASS BEADS FROM EARLY SARMATIAN BURIALS**  
Hall, Mark E. (Black Rock Field Office, Bureau of Land Management)
- 15:30 **FALCONRY: FROM THE EURASIAN STEPPE IT CAME AND FROM THERE IT SPREAD**  
Grimm, Oliver (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 15:45 **DISCUSSION SLOT**

## 296 **TRACING PREHISTORIC HUNTER-GATHERERS IN THEIR ENVIRONMENT: CHALLENGES AND PERSPECTIVES FOR PROSPECTING ELUSIVE LIFEWAYS**

Time: 14:30 - 16:30 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: De Smedt, Philippe (Department of Environment, Ghent University; Department of Archaeology, Ghent University) - Corradini, Erica (Institute of Geosciences, Applied Geophysics, University of Kiel) - Schneidhofer, Petra (Department for Cultural Heritage Management, Vestfold and Telemark County Council) - Verhegge, Jeroen (Department of Archaeology, Ghent University; Department of Environment, Ghent University; GATE Archaeology)

Session related to the Archaeological Prospection Community.



### ABSTRACTS

- 14:30 **DETECTING MESOLITHIC SITES. A MULTICHANNEL GROUND PENETRATING RADAR (GPR) INVESTIGATION AT ANCIENT LAKE DUVENSEE**  
Corradini, Erica (Institute of Geosciences, Christian-Albrechts-University Kiel) - Groß, Daniel (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation Schloss Gottorf) - Wunderlich, Tina (Institute of Geosciences, Christian-Albrechts-University Kiel) - Lübke, Harald (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation Schloss Gottorf) - Wilken, Dennis - Erkul, Ercan (Institute of Geosciences, Christian-Albrechts-University Kiel) - Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation Schloss Gottorf) - Rabbel, Wolfgang (Institute of Geosciences, Christian-Albrechts-University Kiel)
- 14:45 **A NEEDLE IN A HAYSTACK. LOOKING FOR TRACES OF PALEOLITHIC HUNTER-GATHERERS IN THE WESTERN TAURUS MOUNTAINS (SW, TURKEY)**  
Vandam, Ralf (KU Leuven; Vrije Universiteit Brussel) - Van Peer, Philip (KU Leuven) - Willett, Patrick (KU Leuven, Belgium; University at Buffalo, SUNY) - Egberts, Ella (The British Museum) - Poblome, Jeroen (KU Leuven)
- 15:00 **DETECTING SEALED FINAL PALEOLITHIC HUNTER-GATHERER SITES IN THE SCHELDT VALLEY (NW BELGIUM) – AN INTEGRATED APPROACH**  
Pincé, Possum (Department of Archaeology, Ghent University) - Vandenberghe, Dimitri - Karimi Moayed, Nasrin - De Grave, Johan (Department of Geology, Ghent University) - Crombé, Philippe (Department of Archaeology, Ghent University)
- 15:15 **KOKOŘÍNSKO: ASSESSING PROSPECTION DATA ON HUNTER-GATHERER LIFEWAYS FROM A VARIABLE ENVIRONMENT**  
Kapustka, Katarína (Institute of Archaeology of the Czech Academy of Sciences, Prague, v.v.i.) - Walls, Matthew (University of Calgary) - Pauknerová, Karolína (Center for Theoretical Study, Charles University)
- 15:30 **PRECISE SUBMARINE MEASUREMENT AS BACKBONE FOR THE RECONSTRUCTION OF COASTAL MESOLITHIC LANDSCAPES**  
Enzmann, Jonas (Lower Saxony Institute for Historical Coastal Research)
- 15:45 **DIRECT PUSH VIDEO IMAGING FOR PREHISTORIC PALEOLANDSCAPE MAPPING**  
Verhegge, Jeroen (Department of Archaeology, Ghent University; Department of Environment, Faculty of Bioscience Engineering, Ghent University) - Delvoie, Simon (Department of Architecture, Geology, Environ-

ment and Civil Engineering, University of Liège) - Luong, Hiep (Department of Telecommunications and Information Processing, Faculty of Engineering and Architecture, Ghent University)

- 16:00 **COMPLEX REALITIES OF HUNTER-GATHERER ARCHAEOLOGY: A REVIEW OF PAST ADVANCES AND FUTURE CHALLENGES FOR MAPPING ELUSIVE LIFEWAYS**  
De Smedt, Philippe (Ghent University) - Corradini, Erica (Institute of Geosciences, Applied Geophysics, University of Kiel) - Schneidhofer, Petra (Vestfold and Telemark County Council) - Verhegge, Jeroen (Department of Archaeology, Ghent University; Department of Environment, Ghent University; GATE Archaeology)
- 16:15 **DISCUSSION SLOT**

### POSTERS:

- A. **DUVENSEE PALAEO-DATA IN NEW LIGHT: RE-EVALUATION OF ON- AND NEAR-SITE SEDIMENT SEQUENCES FROM THE MESOLITHIC**  
Wieckowska-Lüth, Magdalena - Dörfler, Walter (Institute of Pre-Protohistoric Archaeology, University of Kiel)

## 300 **CONTACT - THE ‘OTHER’ IN EXPERIMENTAL USE-WEAR STUDIES**

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Thaler, Ulrich (Römisch-Germanisches Zentralmuseum Mainz, Leibniz Research Institute for Archaeology, KB Scientific & Experimental Archaeology) - Marreiros, João (ICArEHB, Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, FCHS, Universidade do Algarve; Römisch-Germanisches Zentralmuseum, Leibniz Research Institute for Archaeology, MONREPOS Research Centre and Museum, Laboratory for Traceology and Controlled Experiments) - Macdonald, Danielle (University of Tulsa)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **USE-TRACES AND MATERIAL AFFORDANCES OF MULTIFUNCTIONAL TOOLS**  
Macdonald, Danielle (The University of Tulsa)
- 9:30 **ROBOTS IN ARCHEOLOGY**  
Calandra, Ivan - Schunk, Lisa (TraCEr, Laboratory for Traceology and Controlled Experiments at MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM) - Bob, Konstantin (Scientific Computing and Bioinformatics, Institute of Computer Science, Johannes Gutenberg University) - Perske, Josh (Information Technology, Engineering Department, University of Applied Sciences) - Gneisinger, Walter (TraCEr, Laboratory for Traceology and Controlled Experiments at MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM) - Marreiros, João (TraCEr, Laboratory for Traceology and Controlled Experiments at MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; Institute for Prehistoric and Protohistoric Archaeology, Johannes Gutenberg University; ICArEHB, Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve)
- 9:45 **ABRASIVE WEAR FORMATION ON CHERT FROM DIFFERENT RAW MATERIALS: A CONTROLLED TRIBOLOGICAL EXPERIMENT**  
Rodriguez, Alice - Yanamandra, Kaushik - Witek, Lukasz - Behera, Rakesh Kumar (New York University) - Iovita, Radu (New York University; Eberhard Karls University of Tübingen)
- 10:00 **OBJECT IMPERMANENCE: USING 3D MICROSCOPY TO ASSESS PERISHABLE MATERIALS THROUGH BONE MICROWEAR**  
Martisius, Naomi (The University of Tulsa)

- 10:15 COMBINATION OF PETROLOGICAL, GEOCHEMICAL AND NON-USE-WEAR FOR THE TRACEOLOGICAL ANALYSIS OF THE MOST REPRESENTATIVE RAW MATERIALS FROM OLDUVAI GORGE (TANZANIA)**  
Alonso, Patricia (Instituto de Evolución Humana en África - IDEA; Centro Nacional de Investigación sobre la Evolución Humana - CENIEH) - Rios-Garaizar, Joseba (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH) - Panera, Joaquín - Rubio-Jara, Susana (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH; Instituto de Evolución Humana en África - IDEA) - Martín-Perea, David Manuel (Museo de Ciencias Naturales; Universidad Complutense de Madrid; Instituto de Evolución Humana en África - IDEA) - Pérez-González, Alfredo - Rojas, Raquel (Instituto de Evolución Humana en África - IDEA) - Domínguez-Rodrigo, Manuel (Universidad de Alcalá de Henares; Instituto de Evolución Humana en África - IDEA) - Santonja, Manuel (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH; Instituto de Evolución Humana en África - IDEA)
- 10:30 USE-WEAR ANALYSIS OF NEOLITHIC FLAKED AND GROUND STONE AXES AND ADZES FROM THE EASTERN GOBI DESERT**  
Evoy, Angela (Cosumnes River College)
- 10:45 DISCUSSION SLOT**
- 11:00 CONSISTENCY IS A BEECH – ON SOCKETED AXES, EXPERIMENTAL CONTROL AND LIGNEOUS CONTACT MATERIALS**  
Thaler, Ulrich (Römisch-Germanisches Zentralmuseum - Leibniz-Forschungsinstitut für Archäologie)
- 11:15 PLANT HARVESTING VARIABILITY DURING THE NEOLITHIC ANALYZED THROUGH TEXTURE ANALYSIS OF SICKLE GLOSS**  
Ibáñez, Juan (Spanish National Research Council - CSIC) - Anderson, Patricia (CNRS) - Mazzucco, Niccolò - Pichon, Fiona (IMF-CSIC)
- 11:30 AN INSIGNIFICANT OTHER? PRIMACY OF 'FOUNDER CROPS': ISSUES AND IMPLICATIONS FOR GROUND STONE USE-WEAR STUDIES IN SOUTHWEST ASIA**  
Pedersen, Patrick (Centre for the Study of Early Agricultural Societies - CSEAS, Department of Cross-Cultural and Regional Studies, University of Copenhagen) - Arranz Otaegui, Amaia (Muséum National d'Histoire Naturelle. UMR 7209 - Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements - AASPE; Centre for the Study of Early Agricultural Societies - CSEAS, Department of Cross-Cultural and Regional Studies, University of Copenhagen) - Richter, Tobias (Centre for the Study of Early Agricultural Societies - CSEAS, Department of Cross-Cultural and Regional Studies, University of Copenhagen)
- 11:45 VARIABILITY OF GRINDING TRACES RECORDED ON BONE MATERIALS. EXPERIMENTAL AND TRACEOLOGICAL STUDY**  
Orłowska, Justyna - Osipowicz, Grzegorz (Institute of Archaeology, Nicolaus Copernicus University in Toruń, Poland)
- 12:00 BEHIND THE SCENES – TRIBOLOGY AND FRACTURE MECHANICS TO UNDERSTAND USE-WEAR FORMATION AND PALAEO-LITHIC STONE TOOL USE**  
Schunk, Lisa - Calandra, Ivan - Gneisinger, Walter (TraCEr, Laboratory for Traceology and Controlled Experiments at MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM) - Marreiros, João (TraCEr, Laboratory for Traceology and Controlled Experiments at MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; Institute for Prehistoric and Protohistoric Archaeology, Johannes Gutenberg University, Mainz, Germany; ICArEHB, Interdisciplinary Center for Archaeology and Evolution Human Behaviour, University of Algarve)
- 12:15 THE CONTRIBUTION OF REPLICATIVE HUNTING TRIALS TO UNDERSTAND IMPACT CONTACT MATERIALS.**  
La Porta, Alice (University of Manchester; University of Exeter)
- 12:30 CONCLUSIONS AND QUESTIONS FROM AN EXPERIMENTAL AND USE-WEAR STUDY OF STONE BATTLE-AXES AND AXE-HAMMERS USED IN CONTACT WITH BONE**  
Roy, Amber (Newcastle University)
- 12:45 DISCUSSION SLOT**

- 14:30 PLAYER 2, READY. FIGHT! CONTROL, ACTUALISM, AND CONTACT MATERIALS IN PREHISTORIC COMBAT EXPERIMENTS**  
Gentile, Valerio (Leiden University)
- 14:45 WEAR-ANALYSIS AS THE MICROWEAR ASSEMBLAGE**  
Crellin, Rachel - Tsoraki, Christina - Harris, Oliver (University of Leicester)
- 15:00 SAME SAME, OR VERY DIFFERENT? LOOKING AT GRINDING TOOLS FROM DIFFERENT TASK FIELDS**  
Abar, Aydin (Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum)
- 15:15 A 'FAMILY OF WEAR': EXPLORING USE-WEAR PATTERNS ON AD HOC BURNISHING TOOLS**  
Dubreuil, Laure (Trent University) - Robitaille, Jérôme (EHES) - Gonzalez-Urquijo, Jesus (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Marreiros, Joao (Laboratory for Traceology and Controlled Experiments - TraCEr, MONREPOS – Archaeological Research Centre and Museum for Human Behavioural Evolution. RGZM) - Stroulia, Anna (University of Southern Indiana)
- 15:30 CONDUCTING USE-WEAR ANALYSIS AND EXPERIMENTAL RESEARCH IN SOUTH BRAZIL: LEGAL CHALLENGES AND POSSIBILITIES**  
Rodrigues, Felipe (University of Exeter)
- 15:45 A GLOBAL 3D USEWEAR CHARACTERISATION OF PRIMATE AND HOMININ PERCUSSIVE TECHNOLOGY**  
Proffitt, Tomos (Max Planck Institute for Evolutionary Anthropology) - Arroyo, Adrián (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Reeves, Jonathan (Max Planck Institute for Evolutionary Anthropology) - Benito-Calvo, Alfonso (Centro Nacional de Investigación sobre la Evolución Humana) - Barrett, Brendan (Max Planck Institute for Animal Behavior) - Dogandzig, Tamara (Max Planck Institute for Evolutionary Anthropology) - Tan, Amanda (Durham University) - Falótico, Tiago (University of São Paulo) - de la Torre, Ignacio (Spanish National Research Council-CSIC) - Luncz, Lydia (Max Planck Institute for Evolutionary Anthropology)
- 16:00 DISCUSSION SLOT**  
Annelou van Gijn (University of Leiden)
- 16:15 DISCUSSION SLOT**

## **321 CONTEMPORARY APPROACHES TO THE INVESTIGATION AND MANAGEMENT OF ARCHAEOLOGICAL RESOURCES IN ALLUVIAL ENVIRONMENTS**

Time: 9:00 - 11:00 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Crabb, Nicholas - Carey, Chris (University of Brighton) - Howard, Andy (Landscape Research and Management) - Ghillardi, Matthieu (Centre Européen de Recherche et d'Enseignement des Géosciences de l'Environnement - CEREGE)

### **ABSTRACTS**

- 9:00 INTRODUCTION**
- 9:15 ALLUVIAL FLOODS IN THE GREEK-ROMAN SETTLEMENT OF ELEA-VELIA: AN ARCHAEOLOGICAL PRELIMINARY REPORT**  
Tescione, Teresa - Cicala, Luigi (Università di Napoli Federico II)
- 9:30 GEOMORPHOLOGICAL AND ARCHAEOLOGICAL PERSPECTIVES REVEAL THE IMPACT OF ALLUVIAL ENVIRONMENTS ON HUMAN ACTIVITIES IN THE PERGAMON MICRO-REGION—AND VICE VERSA**  
Becker, Fabian (Freie Universität Berlin / Physical Geography) - Knitter, Daniel (Christian-Albrechts-Universität zu Kiel / Landscape Ecology and Geoinformation) - Yang, Xun - Schütt, Brigitta (Freie Universität Berlin / Physical Geography)

- 9:45 **REMOTE SENSING IN ALLUVIATED LANDSCAPES: THE POTENTIAL OF A SYNERGISTIC APPROACH TO ENVIRONMENTAL MODELLING OF THE RIVER VALLEY FLOOR**  
Crabb, Nicholas - Carey, Chris (University of Brighton) - Howard, Andy (Landscape Research and Management) - Jackson, Robin (Worcestershire Archaeology) - Brolly, Matthew - Burnside, Niall (University of Brighton)
- 10:00 **APOGEE, DECAY AND TRANSFORMATION: A GEOARCHAEOLOGICAL PERSPECTIVE ON ABANDONMENT AND POST-ABANDONMENT PROCESSES IN THE TEMENOS OF THE ARTEMISION OF EPHEBUS**  
Lourenço Gonçalves, Pedro (ÖAI - ÖAW)
- 10:15 **GEOARCHAEOLOGY OF THE MEDIEVAL BRIDGE AT AVIGNON (SOUTH FRANCE): MANAGING AND IMAGING THE GEOSCIENCES, ARCHAEOLOGICAL AND HISTORICAL DATA**  
Ghilardi, Matthieu (CEREGE - CNRS)
- 10:30 **HISTORY OF FLOODS. ANALYSIS OF CERAMIC ASSEMBLAGES FROM THE PISA SAN ROSSORE'S ANCIENT SHIPS**  
Tescione, Teresa (Università di Napoli Federico II) - Pace, Gloriana (Museo delle Navi Antiche di Pisa) - Camilli, Andrea (Soprintendenza Archeologia Belle Arti e Paesaggio per le province di Pisa e Livorno)
- 10:45 **DISCUSSION SLOT**

#### POSTERS:

- A. **SHALLOW WATER 3D SEISMIC ATTRIBUTE ANALYSIS OF MEDIEVAL ARCHAEOLOGICAL FEATURES IN SOUTHERN SCHLESWIG, GERMANY**  
Detjens, Stine (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Gross, Felix - Wilken, Dennis (Christian-Albrechts-Universität zu Kiel)

### 334 HUMAN-ENVIRONMENTAL NETWORKS IN HEALING CULTS, RURAL SANCTUARIES AND SACRED GROVES BETWEEN INTERSECTIONALITY AND TRANSCULTURAL NEGOTIATION

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Da Vela, Raffaella (SFB1070 ResourceCultures; Universität Tübingen, Institut für Klassische Archäologie) - Krämer, Robinson (Universität Rostock, Heinrich Schliemann-Institut für Altertumswissenschaften) - Blasetti-Fantauzzi, Chiara (Freie Universität Berlin) - De Vincenzo, Salvatore (Università della Tuscia, Dipartimento DISUCOM)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **MOUNTAINS OF MEMORY TRIANGULATING LANDSCAPE, CULT AND REGIONAL IDENTITY THROUGH ZEUS**  
Wiznura, Adam - Williamson, Christina (University of Groningen)
- 9:30 **MARITIME NETWORK MODELLING FOR THE ANALYSIS OF CULT TRANSMISSION IN THE SARONIKOS KOLPOS (6C-1C BCE)**  
Delacruz, Michael (Oxford University; Newcastle University)
- 9:45 **DISCUSSION SLOT**
- 10:00 **OF SACRED LAKES, SPRINGS AND CAVES: CULT PLACES AND RESOURCECULTURES IN THE NORTHERN APENNINES DURING THE IRON AGE**  
Da Vela, Raffaella (SFB1070 RessourcenKulturen University of Tübingen)

- 10:15 **HOLY WATERS AS PLACE OF ENCOUNTER AND NEGOTIATION IN PADANIAN ETRURIA: RECORDS FROM CASTELFRANCO EMILIA AND LAKE BRACCIANO OF MONTESE**  
Neri, Diana (Comune di Castelfranco Emilia - Museo Civico Archeologico) - Campagnari, Sara (Ministero per i Beni e le Attività Culturali e per il Turismo)
- 10:30 **THE AGENCY OF LANDSCAPES IN THE DEVELOPMENT OF CULTS IN REPUBLICAN CENTRAL APENNINE ITALY**  
Blasetti Fantauzzi, Chiara (Freie Universität Berlin)
- 10:45 **LANDSCAPE AND CHTHONIC CULTS IN REPUBLICAN CENTRAL ITALY**  
Calapà, Annalisa (Ludwig-Maximilians-Universität München)
- 11:00 **DISCUSSION SLOT**
- 11:15 **CULTS, PLACES, ANATOMICALS. SO-CALLED HEALING SANCTUARIES REVISITED. NEW INSIGHT ON TRADITIONS, INTERRELATIONS AND ALIGNMENTS**  
Boecker, Velia (Deutsches Archäologisches Institut)
- 11:30 **CULTS AND THE COLONIES - EXTRA-URBAN SANCTUARIES IN COLONIAL TERRITORY IN REPUBLICAN CENTRAL ITALY**  
Bolder-Boos, Marion (Johannes Gutenberg-Universität Mainz, Arbeitsbereich Klassische Archäologie)
- 11:45 **HEALING CULTS IN SOUTHERN ETRURIA DURING THE ROMAN PERIOD**  
De Vincenzo, Salvatore (Università degli Studi della Tuscia, Viterbo)
- 12:00 **DISCUSSION SLOT**
- 12:15 **REPRESENTATION AND IDENTITY NEGOTIATION IN THE EASTERN IBERIAN PENINSULA. SACRED LANDSCAPES AS SOCIO-POLITICAL RESOURCES IN HISPANIA DURING THE ROMAN-REPUBLICAN PERIOD**  
Kramer, Robinson (University of Rostock)
- 12:30 **TRACES OF THE ROMAN SANCTUARIES ALONG THE KRKA RIVER**  
Jadric-Kucan, Ivana (University of Zadar, Department of Archaeology) - Sokcevic Purusic, Anamaria (Archaeological collection Burnum, National Park "Krka")
- 12:45 **GODS OF PLACES OR OF PEOPLE? A STUDY OF RURAL CULT SITES AT THE EDGE OF THE ROMAN EMPIRE**  
Mazzilli, Francesca (University of Bergen)
- 14:30 **DISCUSSION SLOT**

#### POSTERS:

- A. **HONEY BEES AND HONEY: MYTHOLOGY, PROPHECY, AND HEALING**  
Zak, Claire (Texas A&M University)
- B. **THE CULT OF NEPTUNE IN BURNUM**  
Jadric-Kucan, Ivana (University of Zadar, Department of Archaeology) - Sokcevic Purusic, Anamaria (Archaeological collection Burnum, National Park "Krka")

### 339 SOCIAL NETWORKS OF NON-URBAN SETTLEMENTS DURING THE EARLY AND HIGH MIDDLE AGES IN EUROPE

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Rácz, Tibor (Ferenczy Museum Centre; Pázmány Péter Catholic University) -

Ødegaard, Marie (University of Oslo, Institute for Archaeology, Museum of Cultural History) - Makarov, Nikolai (Archaeological Institute, Russian Academy of Science) - Heinonen, Tuuli T. (University of Helsinki, Department of cultures, Archaeology) - Fedorina, Anastasia (Archaeological Institute, Russian Academy of Science)



#### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 (RE)ASSEMBLING THE LOCAL? HIERARCHIES AND / OR COMMUNALISM IN RURAL COMMUNITIES IN THE MIDDLE AGES IN SCANDINAVIA  
Svensson, Eva (Karlstad University) - Pettersson, Susanne (Byantikvaren i Oslo)
- 9:30 TRACES OF VILLAGES, SETTLEMENTS, GRAVEYARDS, CHURCHES AND FORTS OF EARLY ÁRPÁDIAN AGE IN THE MOSON PLAIN  
Czuppon, Tamás (Hansagi Museum, Mosonmagyaróvár; Pázmány Péter Catholic University) - Takács, Miklós - Langó, Péter (Research Centre for the Humanities, Eötvös Loránd Research Network)
- 9:45 DYNAMICS OF NETWORKS IN A SELF-SUBSISTENT ECONOMY: THE CASE OF MEDIEVAL RURAL MOUNTAINOUS ALBANIA  
Agolli, Esmeralda (Tirana University)
- 10:00 CHRISTIAN METALWORK AT THE RURAL SITES OF SUZDAL' REGION, UPPER VOLGA: NEW EVIDENCE ON CONVERSION AND IDENTITY  
Makarov, Nikolaj - Zaytseva, Irina (Institute of Archaeology Russian Academy of Sciences)
- 10:15 THE CHALLENGE OF CLASSIFICATION AND SOCIAL INTERPRETATION OF HIGH AND LATE MEDIEVAL METAL FINDS. THE CASE OF PEST COUNTY, HUNGARY  
Rácz, Tibor (Ferenczy Museum Centre)
- 10:30 DISCUSSION SLOT
- 10:45 RECONSTRUCTING THE RURAL-URBAN NETWORKS IN THE MEDIEVAL AURAJOKI RIVER VALLEY, FINLAND  
Pellinen, Hanna-Maria - Immonen, Visa (University of Turku)
- 11:00 FARMER, PRIEST OR NOBLEMAN? NEW AND OLD FINDS FROM DROWNED MEDIEVAL TERPS IN THE WADDEN SEA (NORTH FRISIA, GERMANY)  
Blankenfeldt, Ruth (Zentrum für Baltische u. Skandinavische Archäologie, Schloss Gottorf) - Kloöß, Stefanie (Archäologisches Landesamt Schleswig-Holstein) - Majchczack, Bente Sven (Christian-Albrechts-Universität zu Kiel; ROOTS Cluster of Excellence) - Hadler, Hanna (Johannes Gutenberg-Universität Mainz) - Wilken, Dennis (Christian-Albrechts-Universität zu Kiel)
- 11:15 MEDIEVAL RURAL COMMUNITIES THROUGH THE SPACE AND FINDS. TOUCHES TO THE PICTURE  
Fedorina, Anastasia (IA RAS)
- 11:30 DISCUSSION SLOT
- 11:45 WISKIAUTEN/MOKHOVOYE – FOUR RURAL SATELLITES OF A TRADING CENTRE  
Sirkin, Annika (Centre for Baltic and Scandinavian Archaeology)
- 12:00 UPLAND VILLAGE NETWORKS: FUTURE PERSPECTIVES FOR THE ANALYSIS OF THE LANDSCAPE IN THE 5TH-9TH CENTURIES UPPER ARLANZA BASIN (BURGOS, SPAIN)  
Domingo Ribas, Guillem (Newcastle University) - Medina Gordo, Sonia - Álvaro Rueda, Karen - Travé Allepuz, Esther (University of Barcelona)

- 12:15 RURAL SETTLEMENTS ON THE SITE OF MONASTERIES IN THE REGION OF MEDIEVAL NOVGOROD  
Kudryavtsev, Andrey (Institute of Archaeology Russian Academy of Sciences)
- 12:30 DISCUSSION SLOT
- 14:30 FINDS FROM THE RECENTLY DISCOVERED PRUSSIAN MEDIEVAL SETTLEMENT INDICATE CONTACTS BETWEEN THE INHABITANTS OF KIEVAN RUS' AND THE OLD PRUSSAINS  
Prassolow, Jaroslaw Aleksei (Centre for Baltic and Scandinavian Archaeology - ZBSA; Institute of Archaeology of Russian Academy of Sciences - IA RAN) - Skvortsov, Konstantin - Khokhlov, Aleksandr (Archaeological Institute of the Russian Academy of Sciences - IA RAN)
- 14:45 RURAL NETWORKS OF MEDIEVAL STONE MASONS IN EASTERN NORWAY  
Reinfjord, Kristian (University of Bergen)
- 15:00 THE ROUND BUILDING FOUND IN TATABÁNYA-DÓZSAKERT  
Némethi, János (Pázmány Péter Catholic University, Institute of Archaeology, Budapest)
- 15:15 DISCUSSION SLOT

### 347 PUBLIC AND COMMUNITY ARCHAEOLOGY IN A (POST-)COVID LANDSCAPE

Time: 14:30 - 16:30 CEST, 8 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Westmont, V. Camille (University of the South) - Benetti, Francesca (Historic Environment Forum)

Session related to the EAA Public Archaeology Community.

#### ABSTRACTS

- 14:30 INTRODUCTION
- 14:42 RECHARGING BRITISH ARCHAEOLOGY: CREATING NEW OPPORTUNITIES FOR PARTICIPATION  
Corkill, Claire - Redfern, Neil (Council for British Archaeology)
- 14:48 REFLECTIONS ON RUNNING COMMUNITY ARCHAEOLOGY PROJECTS IN SOUTH EAST ENGLAND DURING COVID 19  
Mayfield, Andrew (Kent County Council) - Adams, Sophia (University of Glasgow)
- 14:54 THE EFFECTS OF THE COVID PANDEMIC ON ARCHAEOLOGICAL SITES MANAGED WITH A BOTTOM UP APPROACH IN NAPLES, ITALY  
De Vivo, Caterina (Centro Studi Interdisciplinari Gaiola Onlus - Progetto Museo)
- 15:00 WAYS OF TELLING STORIES OUTSIDE DURING LOCKDOWN  
Paulsen, Charlotte (Museum Skanderborg)
- 15:06 ARCHAEOLOGY AT A PINCH: HOW A COVID-DRIVEN COLLABORATION IS FUELING A SUSTAINABLE COMMUNITY ARCHAEOLOGY PROJECT IN TENNESSEE, USA  
Westmont, V. Camille (University of the South)
- 15:12 DISCUSSION SLOT
- 15:30 HOW TO DO COMMUNITY ARCHAEOLOGY WITHOUT COMMUNITY? EXPERIENCES FROM RURAL GALICIA (SPAIN)  
Ayán, Xurxo (NOVA University of Lisbon)
- 15:36 THE BEST-LAID PLANS OF MICE AND MEN – ADAPTING THE ARCHAEOLOGICAL SIDE OF THE LIVE PROJECT DURING THE COVID-19 PANDEMIC  
Moeller, Katharina (Prifysgol Bangor University)
- 15:42 VIRTUAL HERITAGE AND WELLBEING  
Sayer, Faye - Luck, Amy (Manchester Metropolitan University)

15:48 TANGIBLE ARCHAEOLOGY IN THE DIGITAL ENVIRONMENT: EXPERIENCES IN AN ARCHAEOLOGICAL MUSEUM  
Aalto, Ilari (University of Turku; Aboa Vetus Ars Nova Museum)

15:54 DISCUSSION SLOT

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## 361 ROCK ART TECHNOLOGY: THEORETICAL AND METHODOLOGICAL APPROACHES. PART 2

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Santos da Rosa, Neemias (University of Barcelona) - Zotkina, Lidia (Institute of Archaeology and Ethnography of Siberian Branch of Russian Academy of Sciences)

### ABSTRACTS

- 9:00 SCRATCHING THE SURFACE OF SCOTLAND'S ROCK ART: A HOLISTIC, MULTISCALAR ANALYSIS OF LOCATION AND DESIGN THROUGH LOCAL CASE STUDIES  
Bjerketvedt, Linda - Valdez-Tullett, Joana - Barnett, Tertia (Historic Environment Scotland) - Jeffrey, Stuart (School of Simulation and Visualisation, Glasgow School of Art) - Robin, Guillaume (School of History, Classics and Archaeology, University of Edinburgh)
- 9:15 ACOUSTICS AND THE CHAÎNE OPÉRATOIRE OF ROCK ART PRODUCTION: LEVANTINE ROCK ART AS A CASE STUDY  
Díaz-Andreu, Margarita (ICREA; Universitat de Barcelona) - Santos da Rosa, Neemias - López-Mochales, Samantha (Universitat de Barcelona)
- 9:30 FINGER FLUTINGS IN KAPOVA CAVE  
Solodeynikov, Alexey (Museum-reserve "Shulgan-Tash cave")
- 9:45 ABRI DU POISSON: SALMON'S LIFE  
Zotkina, Lydia (Institute of Archaeology and Ethnography of SB RAS; ArchaeoZOOlogy in Siberia and Central Asia - ZooSCAN", CNRS - IAET SB RAS International Research Laboratory, IRL2013) - Cretin, Catherine (National Museum of Prehistory - MNP, Les Eyzies de Tayac) - Maury, Serge (-)
- 10:00 DISCUSSION SLOT
- 10:15 UNRAVELING SOCIAL INVESTMENT AND COST PRODUCTION IN PALAEOLITHIC ROCK ART  
Garate, Diego (Universidad de Cantabria) - Rivero, Olivia (Universidad de Salamanca) - Arriolabengoa, Martn (Universidad del País Vasco) - Medina-Alcaide, María (Universidad de Córdoba) - Intxaurbe, Iñaki (Universidad del País Vasco)
- 10:30 RHYTHM, RELATIONAL TECHNOLOGY, AND HISTORY: EXPLORING ROCK ART PRODUCTION IN NORTH-CENTRAL CHILE  
Troncoso, Andres (Universidad de Chile) - Moya, Francisca (SERP/Departament d'Historia i Arqueologia, Universitat de Barcelona) - Armstrong, Felipe (Universidad Alberto Hurtado) - Vergara, Francisco (Universidad Austral de Chile - Puerto Montt)
- 10:45 SOUND, RITUAL AND ARCHAEOLOGICAL ONTOLOGIES: EXPLORING THE SYMBOLIC DIMENSIONS OF ROCK ART PRODUCTION AND USE IN PREHISTORY  
Santos da Rosa, Neemias (University of Barcelona) - Jiménez Pasalodos, Raquel (University of Valladolid; University of Barcelona) - Díaz-Andreu, Margarita (Institutió Catalana de Recerca i Estudis Avançats - ICREA; University of Barcelona)
- 11:00 TECHNOLOGICAL FEATURES IN ROCK ART OF MINUSINSK BASIN (SOUTH SIBERIA): ARE THEY INDICATORS OF STYLISTIC TRADITIONS?  
Zotkina, Lydia (Institute of Archaeology and Ethnography of SB RAS)

11:15 PORTABLE ART AND OBJECT-ORIENTED RELATIONS IN THE CULTURAL LANDSCAPE FROM TECHNOLOGICAL PROSPECTIVE: THE CASE OF KAMYANA MOHYLA  
Radchenko, Simon (New archaeological school; University degli studi di Torino) - Kiosak, Dmytro (Ca' Foscari University of Venice)

11:30 STYLE AND IDENTITY IN ROCK ART STUDIES  
Ponomareva, Irina (Griffith University)

11:45 DISCUSSION SLOT

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## 368 A DARK GOLDEN AGE. NEW APPROACHES IN THE RESEARCH OF THE CIRCUMALPINE MIDDLE BRONZE AGE

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Schwarzberg, Heiner (Bavarian State Archaeological Collection Munich) - Massy, Ken (Ludwig Maximilian University of Munich) - Chvojka, Ondřej (South Bohemian University of České Budějovice)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 PRODUCER - TRADER - CONSUMER? BRONZE AGE EXPLOITATION, PRODUCTION AND DISTRIBUTION OF COPPER IN THE CENTRAL ALPINE REGION  
Reitmaier-Naef, Leandra (Deutsches Bergbau-Museum Bochum) - Reitmaier, Thomas (Archaeological Service of the Canton of Grisons) - Schindler, Martin (Archaeological Service of the Canton of St.Gallen)
- 9:30 ON THE POSSIBILITY TO RECONSTRUCT THE BRONZE AGE COSTUME ON THE BASIS OF ANALYSIS OF SURFACES OF BRONZE JEWELLERY  
Nožinová, Sona - Křišťuf, Petr (University of West Bohemia, Department of Archaeology)
- 9:45 BLING FOR ETERNITY - AN EXCEPTIONAL HOARD OF THE MIDDLE BRONZE AGE FROM OBERSTREU  
Schwarzberg, Heiner (Bavarian State Archaeological Collection Munich) - Büttner, Andreas (Bavarian State Office for Monument Preservation Munich)
- 10:00 DISCUSSION SLOT
- 10:15 IN THE MIDDLE OF TODAY'S SETTLEMENTS BUT ALMOST INVISIBLE: AN INTEGRATIVE INVESTIGATION OF A MIDDLE BRONZE AGE SETTLEMENT IN SWITZERLAND  
Joray, Sophia (Ur- und Frühgeschichtliche und Provinzialrömische Archäologie, University of Basel) - Brönnimann, David (Integrative Prehistory and Archeological Science (IPAS), University of Basel; Ur- und Frühgeschichtliche und Provinzialrömische Archäologie, University of Basel) - Maise, Christian (Archaeological Service Canton of Aargau; Ur- und Frühgeschichtliche und Provinzialrömische Archäologie, University of Basel) - Kühn, Marlu - Rentzel, Philippe (Integrative Prehistory and Archeological Science - IPAS, University of Basel) - Röder, Brigitte (Ur- und Frühgeschichtliche und Provinzialrömische Archäologie, University of Basel) - Doppler, Thomas (Archaeological Service Canton of Aargau)
- 10:30 MIDDLE BRONZE AGE LAND USE DYNAMICS IN THE NORTH-WESTERN ALPINE FORELAND  
Höpfer, Benjamin - Scherer, Sascha - Kühn, Peter - Scholten, Thomas (University of Tuebingen) - Knopf, Thomas (University of Tuebingen; Keltenmuseum Hochdorf/Enz)
- 10:45 MIDDLE BRONZE AGE HILLTOP SETTLEMENTS ON THE SWABIAN ALB  
Spatzier, Andre (Landesamt für Denkmalpflege Baden-Württemberg)
- 11:00 MIDDLE BRONZE AGE EQUALS TUMULUS CULTURE? - NEW MIDDLE BRONZE AGE BURIALS FROM SOUTHERN BAVARIA  
Massy, Ken (LMU Munich)

- 11:15 **THE MIDDLE BRONZE AGE IN SOUTH BOHEMIA: DARK OR GOLDEN PERIOD?**  
Chvojka, Ondrej (University of South Bohemia) - Hlásek, Daniel (Institute of Archaeology CAS in Prague) - Šálková, Tereza - John, Jan (University of South Bohemia)
- 11:30 **DISCUSSION SLOT**
- 11:45 **RADIOCARBON DATA MODELS OF THE MIDDLE BRONZE AGE IN MORAVIA**  
Šabatová, Klára (Masaryk University) - Parma, David (Archaeological Heritage Institute Brno)
- 12:00 **THE MIDDLE BRONZE AGE IN AUSTRIA - A PERIOD OF CONSOLIDATION AND TRANSFORMATION**  
Krenn-Leeb, Alexandra (Department of Prehistoric and Historical Archaeology, University of Vienna)
- 12:15 **DOES THE POPULATION OF THE DEAD REFLECT THE ONE OF THE LIVING? THE CASE STUDY OF OLMO DI NOGARA CEMETERY**  
Cupitò, Michele - Vicenzutto, Daivid (dBC - Università di Padova)
- 12:30 **SOMETHING OLD, SOMETHING NEW, SOMETHING BORROWED AND SOMETHING IMPORTED!**  
Mavrović Mokos, Janja (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology)
- 12:45 **MOMENTS BEYOND DARKNESS — ON THE BORDER OF GOLDEN AGES ALONG THE DANUBE IN THE MID-2ND MILLENNIUM BC**  
Kulcsár, Gabriella - Kiss, Viktória (Institute of Archaeology Research Centre for the Humanities)
- 14:30 **DISCUSSION SLOT**

## 370 THE TANGIBLE AND THE INTANGIBLE: NEW VISTAS ON CULTURAL HERITAGE DOCUMENTATION AND MANAGEMENT

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Chroni, Athina (General Directorate of Antiquities and Cultural Heritage-Hellenic Ministry of Culture and Sports-Hellenic Republic; National Technical University of Athens-School of Rural and Surveying Engineering-Department of Topography-Laboratory of Photogrammetry) - Silver, Minna (Commission I in Application of Recording, Documentation and Information Management for Cultural Heritage in CIPA Heritage Documentation under ICOMOS and ISPRS; Virtual Archaeology Review)

### ABSTRACTS

- 9:00 **INTRODUCTION**  
Silver, Minna (University of Oulu) - Chroni, Athina (Ministry of Culture & Sports-Hellenic Republic; National Technical University of Athens)
- 9:15 **IOANNINA 1430-1913: LINKING THE TANGIBLE TO THE INTANGIBLE. "IASIS"- INTEGRATED SYSTEM FOR REMOTELY MANAGING AND ACCESSING CULTURAL HERITAGE**  
Chroni, Athina (Ministry of Culture/Hellenic Republic; National Technical University of Athens) - Georgopoulos, Andreas (National Technical University of Athens)
- 9:30 **FROM TANGIBLE COINS TO INTANGIBLE LOST HERITAGE: THE ROLE OF NUMISMATIC EVIDENCE IN RECONSTRUCTING LOST MONUMENTS**  
Denker, Ahmet (-)
- 9:45 **INFORMATION SYSTEM OF IBERIAN POTTERY FOR RESEARCH, TEACHING AND DISSEMINATION**  
García-Fernández, Ángel-Luis (Instituto Universitario de Investigación en Arqueología Ibérica. University of Jaén) - Valero-Domenech, Miguel-Ángel (University of Jaén) - Fuertes-García, José-Manuel - Lucena-López, Manuel-José - Molinos-Molinos, Manuel (Instituto Universitario de Investigación en Arqueología Ibérica. University of Jaén) - Moreno-Padilla, María-Isabel (Departamento de Geografía, historia y humanidades. Universidad de Almería; Grupo Patrimonio Arqueológico en Jaén - HUM-357) - Ogayar-Anguaita, Carlos-Javier (Instituto Universitario de Investigación en Arqueología Ibérica. University of Jaén)

- 10:00 **IS DIGITAL ENGAGEMENT THE "NEW NORMAL" OF POST-CRISIS MUSEUMS? REFLECTIONS FROM THE FINNISH MUSEUM LANDSCAPE**  
Hamari, Pirjo (Finnish Heritage Agency; University of Helsinki)
- 10:15 **MOVING OUT -THE PUBLIC (RE-)DISCOVERS CULTURAL HERITAGE GEMS**  
Nilhamn, Bonnie (Helsinki University)
- 10:30 **DISCUSSION SLOT**
- 10:45 **SAVING MEMORY BY INDUSTRIAL ARCHAEOLOGY DOCUMENTING AND PRESERVING A CARPENTRY AT THE MUSTIO CASTLE IN FINLAND**  
Silver, Minna (University of Oulu) - Silver, Kenneth (Wallon Society in Finland)
- 11:00 **INTEGRATED TRITON SHELL USE DOCUMENTATION**  
Chroni, Athina (Ministry of Culture/Hellenic Republic; National Technical University of Athens) - Karali, Lilian (National and Kapodistrian University of Athens; Novosibirsk State University)
- 11:15 **OBELISKS AS GLOBAL HERITAGE? - MAPPING THE OBELISKS OF CHINA**  
Langer, Christian (Peking University)
- 11:30 **DISCUSSION SLOT**
- 11:45 **"SPHINX"- SYSTEM FOR THE PROTECTION OF HERITAGE. INTANGIBLE AND NATURAL RESOURCES**  
Paraskeva, Dimitra (NTUA)
- 12:00 **PHYSICALLY CLOSED, DIGITALLY OPENED: THE CASE OF GREEK ARCHAEOLOGICAL MUSEUMS IN COVID-19 ERA**  
Xiradakis, Polyna - Karkazi, Elli - Papatheodorou, Anna - Chourmouziadi, Anastasia (University of the Aegean; Museolab)
- 12:15 **DISCUSSION SLOT**

### POSTERS:

- A. **GREEK MUSEUMS ADJUST TO DIGITAL REALITY. LEARNING (?) BY DOING**  
Karkazi, Elli - Xiradakis, Polyna - Papatheodorou, Anna - Chourmouziadi, Anastasia (University of the Aegean; Museolab)

## 376 EXPANDING HORIZONS: DECOLONISATION, CONTESTED OWNERSHIP OF ARCHAEOLOGICAL MATERIAL, AND THE 1970 UNESCO CONVENTION ON CULTURAL PROPERTY

Time: 14:30 - 17:30 CEST, 8 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Round tableco-organisers to be provided

Organisers: Godfrey, Evelyne (Uffington Heritage Watch) - Moedlinger, Marianne (University of Genoa) - Joosten, Ineke (Cultural Heritage Agency of The Netherlands)

### ABSTRACT

The collection of antiquities can be seen in the light of the decolonisation movement to represent a Western "Cultural Horizon". This was characterised by the idolisation of Classical Greek and Roman material culture, including architectural styles, as reflected in the façades of many museums across the world. The association with ancient empires was explicit validation of British, European and American imperialist activities in the 18th to 20th centuries.

As we leave behind the 'old normal', what are the specific actions and policies that we as archaeologists need to be pursuing, in order to achieve an equitable settlement in terms of both the ownership of cultural heritage and the expression of the archaeological and historical narrative?



In this Roundtable session of the EAA Community on the Illicit Trade in Cultural Material, we will examine the relevance, limitations, and potential for revision of national laws based on the UNESCO 1970 "Convention on the Means of Prohibiting and Preventing the Illicit Import, Export and Transfer of Ownership of Cultural Property".

We invite members to share experience of how the 1970 Convention is implemented in their country, and the intersection with decolonisation.

Questions for discussants:

- How are 'decolonisation', 'restitution', 'repatriation' defined in practice?
- The 1970 Convention is limited to archaeology "specifically designated" by each State as important, or traded 'illicitly'. Is the "designation" requirement too onerous?
- Regarding 'illicit' trade, how do we treat material acquired legally, but when the local people had no power to object?
- How can we promote local stewardship/public ownership of archaeology in countries that allow private collecting and exploitation of the archaeological record, e.g. through metal detecting?
- Should all trade in archaeological and ethnographic material more than one hundred years old be banned worldwide, similar to the proposed global ban on trading in wildlife and ivory?

## 418 SHOULD I STAY OR SHOULD I GO? PATTERNS OF MOBILITY IN PREHISTORIC SEDENTARY AND PASTORALIST SOCIETIES

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Scharl, Silviane (Institute of Prehistoric Archaeology, University of Cologne) - Hofmann, Daniela (Department of Archaeology, History, Cultural Studies and Religion, University of Bergen) - Gerling, Claudia (Integrative Prehistory and Archaeological Science - IPAS, University of Basel)

### ABSTRACTS

- 9:00 **INTRODUCTION: SHOULD I STAY OR SHOULD I GO? PATTERNS OF MOBILITY IN SEDENTARY AND PASTORALIST SOCIETIES**  
Scharl, Silviane (Institute of Prehistoric Archaeology, Cologne University) - Gerling, Claudia (Integrative Prehistory and Archaeological Science - IPAS, University of Basel) - Hofmann, Daniela (Department of Archaeology, History, Cultural Studies and Religion, University of Bergen)
- 9:15 **RETHINKING THE SUB-NEOLITHIC IN NORWAY: SUBMISSIVE AND VULGAR OR CREATIVE AND AFFLUENT?**  
Mansrud, Anja (Museum of Archaeology, University of Stavanger) - Nielsen, Svein (Museum of Cultural History, University of Oslo) - Prøsch-Danielsen, Lisbeth (Museum of Archaeology, University of Stavanger) - Berg-Hansen, Inger Marie (Museum of Cultural History, University of Oslo) - Austvoll, Knut Ivar (IAKH, University of Oslo)
- 9:30 **SULPHUR ISOTOPES, ENVIRONMENT, LOCAL MOBILITY, AND THE STONE AGE MARIAGER FJORD, EASTERN JUTLAND, DENMARK**  
Gron, Kurt - Gröcke, Darren - Winton, Anna (Durham University) - Robson, Harry (University of York)
- 9:45 **DISCUSSION SLOT**
- 10:00 **STRONTIUM ISOTOPE (87SR/86SR) ANALYSIS REVEALS MOBILITY PATTERNS AMONG STONE AND BRONZE AGE POPULATIONS IN THE SOUTHEASTERN BALTIC**  
Piliciauskas, Gytis (Archaeology Department, Lithuanian Institute of History) - Simčienka, Edvardas (Archaeology Department, Lithuanian Institute of History) - Kozakaitė, Justina (Faculty of Medicine, Vilnius University) - Piličiauskienė, Giedrė (Faculty of History, Vilnius University) - Robson, Harry (Department of Archaeology, the University of York)

- 10:15 **MOBILITY AND SEDENTARY IN THE STEPPE BRONZE AGE (ON THE EXAMPLE OF ONE ARCHAEOLOGICAL MICRODISTRICT IN THE SOUTHERN TRANS-URALS, RUSSIA)**  
Epimakhov, Andrey (South Ural State University; Institute of History and Archaeology UB RAS) - Kupriyanova, Elena (Chelyabinsk State University)
- 10:30 **A TALE OF EARLY NOMADISM? SUBSISTENCE MOBILITY WITHIN THE YAMNAYA CULTURE IN THE NORTHERN BLACK SEA STEPPE**  
Riesenberg, Martin - Kaiser, Elke (Institut für Prähistorische Archäologie, Freie Universität Berlin)
- 10:45 **DISCUSSION SLOT**
- 11:00 **ISOTOPIC INVESTIGATIONS OF HUNTING ACTIVITIES IN NEOLITHIC SWITZERLAND**  
Gerling, Claudia (Integrative Prehistory and Archaeological Science, Department of Environmental Sciences, University of Basel) - Doppler, Thomas (Kantonsarchäologie Aargau, Brugg) - Knipper, Corina (Curt-Engelhorn-Zentrum Archäometrie - CEZA, Mannheim) - Pike, Alistair (Department of Archaeology, University of Southampton) - Lehmann, Moritz (Biogeochemistry, Department of Environmental Sciences, University of Basel) - Schibler, Jörg (Integrative Prehistory and Archaeological Science, Department of Environmental Sciences, University of Basel)
- 11:15 **NOT JUST A LOCAL SITE FOR LOCAL PEOPLE. PATTERNS OF MOBILITY IN LATER NEOLITHIC BAVARIA**  
Hofmann, Daniela (University of Bergen) - Szilagyi, Marton (Eötvös Loránd University Budapest) - Grupe, Gisela - Perutka, Anna - Schreil, Franziska (LMU Muenchen) - Kegler-Graiewski, Nicole (Independent Researcher) - Helfert, Markus (University of Frankfurt) - Ramminger, Britta (University of Hamburg)
- 11:30 **A CROSS-DISCIPLINARY VIEW ON RESIDENTIAL MOBILITY DURING THE 5TH MIL. BC IN CENTRAL EUROPE**  
Scharl, Silviane - Krewer, Elisabeth (Institute of Prehistoric Archaeology, Cologne University)
- 11:45 **USTICA (SICILY), THE NEOLITHIC JOURNEY: FAR-AWAY ISLAND OR NETWORK NODE?**  
Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia; University of Las Palmas) - Battaglia, Giuseppina (Soprintendenza per i BB.CC. di Palermo, Sicily) - Larosa, Nunzia (School of Humanities, Arts, and Social Sciences, University of New England) - de Vita, Sandro - Di Vito, Mauro - Arienzo, Ilenia (Istituto Nazionale di Geofisica e Vulcanologia) - Veltre, Virginia - Battistini, Andrea - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies University of Rome Tor Vergata)
- 12:00 **DISCUSSION SLOT**
- 12:15 **ROUTES ACROSS THE BASALT: ANALYSING PATHWAYS IN THE JORDANIAN DESERT TO DETERMINE PREHISTORIC MOBILITY PATTERNS**  
Smith, Stefan (Universiteit Gent)
- 12:30 **ANDEAN MOBILITIES IN TRANSITION: A DEEP-TIME HISTORY OF INTERACTION AND DEPENDENCY IN SOUTHERN PERU**  
Mader, Christian (University of Bonn) - Beresford-Jones, David (University of Bonn; University of Cambridge) - Lane, Kevin (University of Buenos Aires) - Cadwallader, Lauren (PLOS Cambridge) - Chauca, George (National University of San Marcos) - Isla, Johnny (Peruvian Ministry of Culture) - Reindel, Markus (German Archaeological Institute)
- 12:45 **INTERDISCIPLINARY EVIDENCE FOR MIGRATION, MOBILITY, AND COMMUNITY FORMATIONS AFTER THE DECLINE OF THE ROMAN EMPIRE IN THE CARPATHIAN BASIN**  
Knipper, Corina (Curt Engelhorn Center Archaeometry - CEZA, Mannheim) - Koncz, István - Rácz, Zsófia (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest) - Hajdu, Tamás - Szeniczey, Tamás (Eötvös Loránd University, Faculty of Science, Institute of Biology, Department of Biological Anthropology, Budapest; Hungarian Natural History Museum, Department of Anthropology, Budapest) - Ódor, János (Wosinsky Mór Museum, Szekszárd) - Mende, Balázs (Research Centre for the Humanities, Hungarian Academy of Sciences, Budapest) - Vida, Tivadar (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest)
- 14:30 **DISCUSSION SLOT**

## 445 DIGITAL METHODS AND TYPOLOGY: NEW HORIZONS

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Di Maida, Gianpiero (Neanderthal Museum) - Horn, Christian (Institutionen för Historiska Studier, Göteborgs Universitet) - Schaefer-Di Maida, Stefanie (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC1266)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:12 **TRADITIONAL HUMANITIES. EXPERIENCES IN A CONTEXT OF CHANGE**  
Pérez González, Jordi (Universitat de Girona)
- 9:18 **AMULETS NEED ATTENTION! RETURNING TO THE CLASSIFICATIONS TO BETTER UNDERSTAND THE SMALL FINDS OF TELL EL-GHABA (NORTH SINAI, EGYPT)**  
Calomino, Eva (Instituto Multidisciplinario de Historia y Ciencias Humanas - IMHICIHU - Consejo Nacional de Investigaciones Científicas y Técnicas - CONICET; Universidad de Buenos Aires)
- 9:24 **THE DISAPALE PROJECT: A 3D DATABASE OF PALAEOLITHIC LITHIC TYPES**  
Di Maida, Gianpiero (Neanderthal Museum)
- 9:36 DISCUSSION SLOT
- 9:54 **HYBRIDIZED METHODOLOGY IN CERAMIC SHAPE ANALYSIS: A CASE STUDY OF TYPOLOGY, GEOMETRIC MORPHOMETRICS, AND 3D DATA IN NEOLITHIC JAPAN**  
Loftus, James (Kyushu University; Japan Society for the Promotion of Science)
- 10:00 **COMBINATION OF THE OLD AND THE NEW. CHALLENGES IN CONTEMPORARY ROCK ART STUDIES**  
Juszczak, Karolina - Prusaczyk, Daniel (University of Warsaw)
- 10:12 **A BOAT IS A BOAT IS A...UNLESS IT IS A HORSE - RETHINKING THE ROLE OF TYPOLOGY**  
Horn, Christian - Green, Ashley - Wählstrand Skärström, Victor - Lindhé, Cecilia - Peternell, Mark - Ling, Johan (Gothenburg University)
- 10:18 **TACKLING TYPE DETERMINATION AND TYPE ASSIGNMENT WITH THE HELP OF AN APP: THE IDEA OF A DIGITAL ARCHAEOLOGICAL SLIDER PUZZLE**  
Roesler, Katja - Auth, Frederic - Domscheit, Wenke (RGK - Romano-Germanic Commission DAI)
- 10:24 DISCUSSION SLOT
- 10:42 **UNSUPERVISED CLASSIFICATION OF SWISS NEOLITHIC POTTERY USING T-SNE AND HDBSCAN**  
Hinz, Martin (Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Heitz, Caroline (School of Archaeology, University of Oxford; Institute for Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- 10:48 **STATISTICAL EXPLOITATION OF MORPHOMETRIC DATA FOR POTTERY FORMAL CLASSIFICATION: VARIABLES, PROCEDURES AND DIGITAL EXPERIENCES OF SIGNIFICANT CLUSTERING**  
Travé Allepuz, Esther (Universitat de Barcelona)
- 10:54 **POTTERY, 3D IMAGING AND ARTIFICIAL INTELLIGENCE: DEVELOPMENT OF A NEW METHOD FOR THE AUTOMATIC RECOGNITION AND CLASSIFICATION OF DECORATION TECHNIQUES**  
Cassard, Laura (Université Côte d'Azur, CNRS, CEPAM UMR 7264) - Kaur, Jasmine - Yao, Jean-Élysée (Université Côte d'Azur) - Coli, Vanna Lisa - Binder, Didier (Université Côte d'Azur, CNRS, CEPAM UMR 7264)
- 11:00 DISCUSSION SLOT

- 11:18 **A NOVEL APPROACH FOR NEURAL NETWORK-BASED CLASSIFICATION WITH EXPERIMENTAL BONE SURFACE MODIFICATIONS**  
Orellana Figueroa, Jordy (Department of Early Prehistory and Quaternary Ecology, University of Tübingen) - Sahle, Yonatan (Department of Archaeology, University of Cape Town)
- 11:24 **QUANTIFYING PATTERNS IN MORTUARY PRACTICES: AN APPLICATION OF FACTOR ANALYSIS TO DATA FROM THE TAOSI SITE, CHINA**  
Bai, Yang (Kyushu University)
- 11:30 **TOOLS MODIFICATION DEGREE DEPENDING ON THE SPATIAL LOCATION (TOLBOR-21, NORTHERN MONGOLIA)**  
Marchenko, Daria (Institute of Archaeology and Ethnography SB RAS, Novosibirsk) - Rybin, Evgeny (Institute of Archaeology and Ethnography SB RAS, Novosibirsk) - Khatsenovich, Arina (Institute of Archaeology and Ethnography SB RAS, Novosibirsk)
- 11:36 **COMBINING TRADITIONAL AND DIGITAL APPROACHES: APPLICATION OF STATE SEQUENCE ANALYSIS TO THE STUDY OF LONG-TERM EVOLUTION OF SETTLEMENTS**  
Drillat, Quentin (Ghent University)
- 11:42 DISCUSSION SLOT

### POSTERS:

- A. **INTERDISCIPLINARY RESEARCH OF EARLY BRONZE AGE AXE HOARD (KUKLENY, CZ)**  
Schimerová, Eva (University of Hradec Králové) - Havlíková, Markéta - Nosek, Vojtěch (Masaryk university)
- B. **AN INTEGRATED APPROACH TO 3D WEB DATA SERVER CLASSIFICATION: CORPUS VASORUM HISPANORUM**  
Bustamante Álvarez, Macarena (Universidad de Granada) - Angás, Jorge (Universidad de Salamanca)

## 463 WHAT REALLY WAS A CASTLE?: WIDENING THE HORIZONS OF INTERDISCIPLINARY INTERPRETATION

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Swallow, Rachel (University of Liverpool; University of Chester) - Rzepiela, Michał (Department of Medieval Latin of the Institute of Polish Language, the Polish Academy of Sciences, Kraków)



### ABSTRACTS

- 9:00 **THE TERMINOLOGY, DISTRIBUTION AND FORM OF FORTIFIED ELITE RESIDENCES IN MEDIEVAL IRELAND, MAN AND ATLANTIC SCOTLAND**  
Ó Riagáin, Russell (Independent Scholar)
- 9:15 **CASTLES IN THE RURAL LANDSCAPE: A SEMANTIC PROBLEM IN EUROPEAN ARCHAEOLOGICAL RESEARCHES**  
Bernardi, Martina (Dipartimento di Studi Umanistici, Università degli Studi di Roma Tre)
- 9:30 **CLASSICAL WITH A TWIST?: RE-EXAMINING THE ANGLO-NORMAN USE OF THE WORDS CASTRUM AND CASTELLUM FOR 'CASTLE' IN ENGLAND**  
Swallow, Rachel (University of Liverpool; University of Chester)
- 9:45 **JUST AROUND THE RIVERBEND. THE MEDIEVAL FORTRESSES OF THE RIVER SEGRE (11TH CENTURY)**  
Closa Ribera, Ariadna (Universitat Autònoma de Barcelona)
- 10:00 **KEEPING UP APPEARANCES. THE USE OF ARCHAIC ARCHITECTURAL FEATURES IN CASTLES IN THE LOW COUNTRIES (15TH AND 16TH CENTURY)**  
Eekelen, Bart (Utrecht University; Museum Het Markiezenhof)

- 10:15 **THE FORTIFIED LANDSCAPE OF EARLY MEDIEVAL CENTRAL PORTUGAL: CASTLES ON THE HORIZON?**  
Vilarinho, Gil (The University of Edinburgh)
- 10:30 **REWRITING THE HISTORY OF THE CASTLES IN THE SOUTH OF THE NORTHERN BORDER OF THE IBERIAN PENINSULA. RIOJAN FORT-TOWERS**  
Espinosa, Isaac (Universidad Autónoma de Madrid & Instituto de Estudios Riojanos)
- 10:45 **DISCUSSION SLOT**
- 11:00 **TRYPOL ON DNEEPER: CASTLE, PALACE, FORTIFIED PALACE, FORTRESS, TOWN: AND WHAT IT REALLY WAS**  
Videiko, Mariia - Videiko, Mykhailo (Kyiv Borys Grinchenko University)
- 11:15 **RELATIONSHIP BETWEEN CASTLE AND TOWN IN MEDIEVAL POLAND IN THE LIGHT OF LINGUISTIC EXAMINATION**  
Rzepiela, Michal (The Institute of Polish Language, The Polish Academy of Sciences)
- 11:30 **"CASTLES" OF THE CENTRAL SICILY**  
Patti, Daniela (University of Enna)
- 11:45 **„...IN CIVITATEM, QUE BUDEC...“ WHAT REALLY WAS THE EARLY MEDIEVAL STRONGHOLD OF BUDEČ?**  
Tomanova, Pavla (Institute of Archaeology of the Czech Academy of Sciences, Prague)
- 12:00 **CONCEALED DRAWBRIDGE IN THE FORBIDDEN CASTLE OF VIRTUSU. SNEAKING AROUND THE LACKING LICENCE TO CRENELATE?**  
Kadakas, Villu (Tallinn University)
- 12:15 **SEARCHING FOR THE DUTCH CASTLE LANDSCAPE**  
Jong-Lambregts, Nancy (Tilburg University; municipal archaeologist gemeente Alkmaar) - van den Oever, Ferry (Geophysicist Saricon BV)
- 12:30 **DISCUSSION SLOT**

## 465 SOIL AND SEDIMENT MICROMORPHOLOGY IN ARCHAEOLOGY

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Devos, Yannick (Maritime Cultures Research Institute - MARI, Vrije Universiteit Brussel) - Krupski, Mateusz (Archeolodzy.org Foundation; Institute of Soil Science and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Nicosia, Cristiano (Dipartimento dei beni Culturali, Università di Padova)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:10 **MICROMORPHOLOGICAL WAYS**  
Goldberg, Paul (University of Tübingen)
- 9:45 **DISCUSSION SLOT**
- 10:00 **THE LARGEST SWISS CITY ON A SMALL SCALE: A DECADE OF MICROMORPHOLOGICAL INVESTIGATIONS IN THE OLD TOWN OF ZURICH**  
Brönnimann, David (Integrative Prehistory and Archeological Science - IPAS, University of Basel) - Ohnsorg, Petra (ProSpect GmbH; Archaeological Department of the City of Zurich) - Rumo, Andrea - Wyss, Stephan (Archaeological Department of the City of Zurich)

- 10:15 **BUILDING AND CRAFTING DURING EARLY MIDDLE AGES: MICROMORPHOLOGICAL INVESTIGATIONS INTO OVEN, KILN, AND FURNACE (FRANCE, 6TH - 11TH C.)**  
Borderie, Quentin (CNRS UMR 7041 ArScAn) - Bourdelle, Anthony (Univ. Orléans) - Sordoillet, Dominique (Inrap - CNRS UMR6249 Chrono-environnement Besançon)
- 10:30 **UNDERSTANDING COMPLEX URBAN STRATIGRAPHIES IN NORTHWESTERN EUROPE THROUGH SOIL AND SEDIMENT MICROMORPHOLOGY**  
Wouters, Barbora (Vrije Universiteit Brussel)
- 10:45 **DISCUSSION SLOT**
- 11:00 **MICROMORPHOLOGY OF PREHISTORIC DITCH INFILLS. TOWARDS THE IDENTIFICATION OF FORMATION PROCESSES AND LAND-USE AT ARCHAEOLOGICAL SITES**  
Krupski, Mateusz (Archeolodzy.org Foundation; Institute of Soil Science and Environmental Protection, Wrocław University of Environmental and Life Sciences)
- 11:15 **GEOARCHAEOLOGICAL PERSPECTIVES ON EARLY IRON AGE BURIAL MOUND BUILDING IN SLOVENIA**  
Prijatelj, Agni (Durham University, Department of Archaeology; University of Ljubljana, Faculty of Arts, Department of Archaeology) - Gruškovnjak, Luka (University of Ljubljana, Faculty of Arts, Department of Archaeology) - Turniški, Rok - Grčman, Helena (University of Ljubljana, The Biotechnical Faculty, Department of Agronomy) - Črešnar, Matija (University of Ljubljana, Faculty of Arts, Department of Archaeology) - Grahek, Lucija (Research Centre of the Slovenian Academy of Sciences and Arts, Institute of Archaeology) - Brezigar, Barbara (Avgusta d.o.o.) - Draksler, Matej (Skupina STIK)
- 11:30 **PALEOCLIMATIC RECONSTRUCTIONS BASED ON THE STUDY OF BIG KURGANS OF THE BRONZE AGE IN THE STEPPE AREA OF RUSSIA**  
Khokhlova, Olga - Sverchkova, Alena (Institute of Physicochemical and Biological Problems of Soil Science, Russian Academy of Sciences)
- 11:45 **DISCUSSION SLOT**
- 12:00 **A FUMIER DEPOSIT IN A VOLCANIC ISLAND: MICROSTRATIGRAPHY AND MINERALOGICAL DIAGENETIC PATHWAYS AT BELMACO CAVE**  
Fernández-Palacios, Enrique (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Dept. de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Institute for Archaeological Sciences, Eberhard Karls Universität Tübingen) - Mentzer, Susan (Institute for Archaeological Sciences, Eberhard Karls Universität Tübingen) - Mallol, Carolina (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Dept. de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna)
- 12:15 **SAMPLING FOR MULTIPROXY MICROSTRATIGRAPHIC ANALYSIS IN DOMESTIC ARCHAEOLOGICAL CONTEXTS: THE CASES OF CERRO DE SAN VICENTE AND CUEVA PINTADA**  
Tomé, Laura (Archaeological Micromorphology and Biomarker Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Dept. de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarker Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Blanco-González, Antonio (Dept. de Prehistoria, Facultad de Geografía e Historia, Universidad de Salamanca) - Onrubia Pintado, Jorge (Dept. de Historia, Facultad de Letras, Universidad de Castilla-La Mancha) - Rodríguez Santana, Carmen Gloria - Sáenz, Iñaki (Museo y Parque Arqueológico Cueva Pintada - Cabildo de Gran Canaria) - Mallol, Carolina (Archaeological Micromorphology and Biomarker Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Dept. de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; ICAREHB - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve)
- 12:30 **DISCUSSION SLOT**

- 14:30 IN WHAT WAYS CAN ANT ACTIVITY AID IN CLARIFYING, OR DISGUISED OF ARCHAEOLOGICAL SEDIMENT FORMATION PROCESSES?**  
Lisá, Lenka (Institute of Geology CAS, Prague) - Mohammadi, Sahar (Department of Applied Geoinformatics and Spatial Planning, University of Life Science) - Bajer, Aleš (Department of Geology and Pedology, Faculty of Forestry and Wood Technology, Mendel University in Brno) - Rohovec, Jan (Institute of Geology CAS, Prague) - Hajnalová, Marie - Goláňová, Petra (Masaryk University, Faculty of Philosophy, Department of Archaeology and Museology, Brno) - Fránková, Markéta (Department of Paleogeology, Institute of Botany, The Czech Academy of Sciences, Brno)
- 14:45 ROMAN MITHRAS CULT UNDER THE MICROSCOPE: NEW INSIGHTS INTO RITUALS THROUGH MICROMORPHOLOGY, HISTOTAPHONOMY AND ZOOARCHAEOLOGY**  
Lo Russo, Sarah (MARI, Vrije Universiteit Brussel; IPAS - Integrative Prehistory and Archaeological Science, University of Basel) - David, Brönnimann - Deschler-Erb, Sabine (IPAS - Integrative Prehistory and Archaeological Science, University of Basel) - Ebnöther, Christa (University of Bern) - Rentzel, Philippe (IPAS - Integrative Prehistory and Archaeological Science, University of Basel)
- 15:00 MICROMORPHOLOGY- AND XRF-BASED TYPOLOGY OF CERAMICS IN EARLY MEDIEVAL TOWN OF DZHANKENT (KAZAKHSTAN)**  
Karpova, Julia - Bronnikova, Maria (Institute of Geography Russian Academy of Sciences) - Amirgalina, Gulmira (Kyzylorda University named after Korkyt Ata, Scientific Center "Archeology and Ethnography", Tübingen University) - Arzhantseva, Irina (Institute of Ethnology and Anthropology Russian Academy of Science; Institute for Oriental and Classical Studies, Higher School of Economics) - Haerke, Heinrich (Tübingen University; Institute for Oriental and Classical Studies, Higher School of Economics)
- 15:15 DISCUSSION SLOT**

#### POSTERS:

- A. MICROPEPPER: AN AFFORDABLE 3D PRINTED PORTABLE PETROGRAPHIC MICROSCOPE FOR SCIENCE AND EDUCATION**  
Barbieri, Alvisé - Aldeias, Vera (Universidade do Algarve)
- B. NEW PERSPECTIVE ON NEOLITHIC RECTANGULAR FEATURES USING SOIL MICROMORPHOLOGY AND ETHNOARCHAEOLOGY. A CASE STUDY FROM STŘELICE U BRNA, CZECH REPUBLIC**  
Lisá, Lenka (Institute of Geology CAS, Prague) - Trampota, František (Institute of Archaeology and museology, Masaryk university) - Parma, David (Archaeological Heritage Institute Brno) - Hrnčíř, Václav (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Přichystal, Antonín (Department of Geological Sciences, Faculty of Science, Masaryk University) - Nývltová Fišáková, Miriam (Department of Physiology, Faculty of Medicine, Masaryk University) - Dreslerová, Gabriela (Masaryk Museum in Hodonín)

### 476 UNDERSTANDING AND EXPANDING CAPACITY IN ARCHAEOLOGICAL DATA MANAGEMENT BEYOND WESTERN EUROPE

Time: 11:00 - 16:30 CEST, 8 September 2021  
Theme: 3. The new normality of heritage management and museums in post-Covid times  
Format: Regular session  
Organisers: Wright, Holly - Richards, Julian (University of York) - Niccolucci, Franco (PIN - University of Florence)

#### ABSTRACTS

- 11:00 INTRODUCTION**
- 11:15 FROM THE 2ARCHIS ARCHAEOLOGICAL INFORMATION SYSTEM TO DATAREPOSITÓRIUM: CASE STUDY OF THE ARCHAEOLOGICAL COINS OF CASA DA BICA**  
Botica, Natalia - Machado, Diego - Magalhães, Fernanda - Martins, Maria (Unidade de Arqueologia; Lab2PT; Universidade do Minho)

- 11:30 WAYS AND CAPACITY IN ARCHAEOLOGICAL DATA MANAGEMENT IN SERBIA**  
Tapavicki-Ilic, Milica (Institute of Archaeology) - Šegan-Radonjić, Marija (Mathematical Institute)
- 11:45 DISCUSSION SLOT**
- 12:00 PRESERVING HISTORIC BUILDING DOCUMENTATION FOR REUSE AT THE NATIONAL COLLEGE OF ARTS, PAKISTAN**  
Khan, Doa (National College of Arts, Lahore)
- 12:15 INJECTED BY INFORMATION: A SILENT (R)EVOLUTION IN CZECH DIGITAL ARCHAEOLOGY**  
Novak, David (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Pajdla, Petr (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 12:30 ARCHAEOLOGICAL MAP OF BULGARIA IN ARIADNEPLUS - AN OPPORTUNITY FOR BETTER POST-COVID TIMES**  
Kecheva, Nadezhda - Nekhrizov, Georgi (National Archaeological Institute with Museum, Bulgarian Academy of Sciences)
- 12:45 DISCUSSION SLOT**
- 14:30 NORWEGIAN UNIMUS, NORDIC COLLECTIONS, AND ARIADNEPLUS. ENCOURAGING USE AND RE-USE OF COLLECTIONS, EXCAVATION DOCUMENTATION, AND MUSEUM EXHIBITS**  
Uleberg, Espen - Matsumoto, Mieko - Kille-Vesik, Jakob (Museum of Cultural History, University of Oslo) - Ore, Cristian-Emil (Department of Linguistics and Scandinavian Studies, University of Oslo) - Dell'Unto, Nicoló - Bonelli, Letizia - Kimball, Justin - Kristensen, Steinar - Samdal, Magne - Tesfamariam, Ermias (Museum of Cultural History, University of Oslo)
- 14:45 INTEGRATING ARCHAEOLOGICAL DATA FROM DIGITAL REPOSITORIES AND WEB-BASED SPATIAL DATABASES. IDACORDIG AND SUQUIA IN PANDEMIC TIMES**  
Izeta, Andres - Cattáneo, Roxana (CONICET; Universidad Nacional de Córdoba)
- 15:00 IMPACT OF THE COVID-19 PANDEMIC ON ARCHAEOLOGICAL DATA MANAGEMENT IN FRANCE, THE INRAP EXAMPLE**  
Marx, Amala - Bryas, Emmanuelle - Salas Rossenbach, Kai (INRAP - National Institute for Preventive Archaeological Research)
- 15:15 DISCUSSION SLOT**

### 479 FROM CLIMATE CHANGE TO ACTIVISM: HOW CAN EUROPEAN HUNTER-GATHERER ARCHAEOLOGY CONTRIBUTE TOWARDS BROADER CONTEMPORARY DEBATES?

Time: 9:00 - 13:00 CEST, 8 September 2021  
Theme: 1. Widening horizons through human-environment interconnections  
Format: Regular session  
Organisers: Elliott, Benjamin (Newcastle University) - Nyland, Astrid (Universitetet i Stavanger) - Warren, Graeme (University College Dublin) - Piezonka, Henny (Christian-Albrechts-Universität zu Kiel)



#### ABSTRACTS

- 9:00 A EUROPEAN APPROACH TO HUNTER-GATHERER ARCHAEOLOGY?**  
Warren, Graeme (University College Dublin)
- 9:15 UNDERLYING NARRATIVES IN MESOLITHIC AND NEOLITHIC SOCIETIES "...TO THE DETRIMENT OF THE [...] HUNTER GATHERERS"?**  
Nyland, Astrid (Museum of Archaeology, University of Stavanger)
- 9:30 URBAN FORAGERS: LINKS BETWEEN PAST PRACTICES AND A SUSTAINABLE FUTURE?**  
Damm, Charlotte (Arctic University of Norway)

- 9:45 **PARADIGM SHIFT IN THE STUDY OF THE EASTERN EUROPEAN UPPER PALAEOLITHIC IN THE EDUCATIONAL PERSPECTIVE**  
Shydlovskiy, Pavlo - Chymyrys, Marharyta (Taras Shevchenko National University of Kyiv; Center for Palaeoethnological Research) - Tsvirkun, Ostap (National Museum of the History of Ukraine; Center for Paleoehtnological Research) - Dudnyk, Diana (Institute of Archaeology of the NAS of Ukraine; Center for Paleoehtnological Research)
- 10:00 **TWO STEPS BACK, THREE STEPS FORWARD: HOW TO MAKE PALAEOLITHIC/MESOLITHIC ARCHAEOLOGY RELEVANT FOR CONTEMPORARY CONCERNS?**  
Porr, Martin (University of Western Australia)
- 10:15 **DISCUSSION SLOT**
- 10:30 **THE ARCHAEOLOGY OF PERSISTENT HUNTER-GATHERER PLACES: CRITICALLY CONSIDERING THE IMPACT OF KNOWLEDGE GENERATED AT HIGH PROFILE EUROPEAN SITES**  
Elliott, Benjamin (-)
- 10:45 **FROM PERCEPTION TO PEDAGOGY: TEACHING THE RELEVANCE OF PREHISTORIC HUNTER-GATHERER RESPONSES TO CLIMATE CHANGE**  
Piper, Stephanie (University of York) - Bates, Jessica (University of York) - Bell, Taryn (University of York)
- 11:00 **OVERCOMING AGRICENTRISM: HOW HUNTER-GATHERER STUDIES CAN CONTRIBUTE TO DE-EVOLUTIONIZING THE NEOLITHIC**  
Piezonka, Henny (Christian Albrechts University Kiel)
- 11:15 **RETHINKING CHILD DEVELOPMENT FROM THE PERSPECTIVE OF ARCHAEOLOGICAL RESEARCH ON HUNTER-GATHERERS**  
Milks, Annemieke (UCL, Institute of Archaeology) - Lew-Levy, Sheina (Simon Fraser University, Department of Psychology, Canada; Aarhus University, Department of Archaeology and Heritage Studies) - Lavi, Noa (UCL, Department of Anthropology) - Friesem, David (University of Haifa, The Recanati Institute of Marine Studies; University of Haifa, The Haifa Center for Mediterranean History) - Reckin, Rachel (University of Cambridge, St John's College)
- 11:30 **CLIMATE VICTIMS? CLIMATE EXPERTS! - NEW NARRATIVES FOR OUR PAST AND FUTURE EXISTENCE**  
Bradtmöller, Marcel (Rostock University - Heinrich Schliemann- Institute for Ancient Studies) - Grimm, Sonja (Zentrum für Baltische und Skandinavische Archäologie | ZBSA; CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies")
- 11:45 **DISCUSSION SLOT**

## 482 **MOULDING THE WORLD. CRAFTSMEN AND CRAFTSMANSHIP BETWEEN THE BALTIC AND THE CARPATHIANS IN THE LIGHT OF ARCHAEOLOGICAL RESEARCH (2600-500 BC)**

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Strózyk, Mateusz (Archaeological Museum in Poznań) - Kiss, Viktória (Hungarian Academy of Sciences) - Nørgaard, Heide (Moesgaard Museum) - Garbacz-Klempka, Aldona (AGH University of Science and Technology) - Czebreszuk, Janusz (Adam Mickiewicz University in Poznań)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **LOCAL OR INTERNATIONAL ARTEFACTS? THE ARCHAEOLOGICAL DIFFERENCE BETWEEN ORNAMENTS AND SWORDS IN THE NBA AND ITS IMPACT ON CRAFT ORGANISATION**  
Noergaard, Heide (Moesgaard Museum, Department of Archaeology) - Vandkilde, Helle (Aarhus University, School of Culture and Society)

- 9:30 **DYNAMICS OF RAW MATERIAL SUPPLY IN THE CENTRAL AREA OF THE CARPATHIAN BASIN DURING THE EARLY AND MIDDLE BRONZE AGE**  
Kiss, Viktória (Institute of Archaeology, HAS) - Pernicka, Ernst (University of Heidelberg; Curt-Engelhorn-Zentrum Archäometrie gGmbH, Mannheim)
- 9:45 **PRODUCTION, FUNCTION AND REPRESENTATION - NEW ASPECTS ON THE BRONZE AGE METALLURGY IN THE BALKANS**  
Gavranovic, Mario (Austrian Archaeological Institute, Austrian Academy of Sciences) - Mehofer, Mathias (Vienna Institute for Archaeological Science, University of Vienna)
- 10:00 **DISCUSSION SLOT**
- 10:15 **OLD FINDS IN A NEW LIGHT. ON THE BEGINNINGS OF ENEOLITHIC METALLURGY IN THE MIDDLE WARTA BASIN**  
Zurkiewicz, Danuta - Szmyt, Marzena (Adam Mickiewicz University in Poznań; Archaeological Museum in Poznań) - Garbacz-Klempka, Aldona (AGH University of Science and Technology in Cracow) - Silska, Patrycja - Strózyk, Mateusz (Archaeological Museum in Poznań)
- 10:30 **METAL ARTEFACTS AND THEIR USERS IN THE EARLY BRONZE AGE ON THE POLISH LOWLAND. NEW DATA FROM ŁĘKI MAŁE**  
Szmyt, Marzena (Adam Mickiewicz University in Poznań; Archaeological Museum in Poznań) - Garbacz-Klempka, Aldona (AGH University of Science and Technology in Kraków) - Czebreszuk, Janusz (Adam Mickiewicz University in Poznań) - Müller, Johannes (Christian-Albrechts-Universität zu Kiel)
- 10:45 **NEW DATA FROM NON-DESTRUCTIVE INVESTIGATIONS ON PREHISTORIC GOLD ADORNMENTS OF THE SARASĂU HOARD (ROMANIA)**  
Bors, Corina Ioana (National History Museum of Romania - MNIR) - Radvan, Roxana - Ghervase, Luminita (National Institute for Optoelectronics - INOE 2000)
- 11:00 **TRAVELLING IDEAS AND METALWORKING TECHNIQUES - THE CASE OF BRONZE SICKLES**  
Fejer, Eszter (Eötvös Loránd University FH IAS (Budapest))
- 11:15 **DISCUSSION SLOT**
- 11:30 **FROM BONE TO BRONZE. METALWORKING IN THE LIGHT OF DATA FROM THE EBA CEMETERY AT NIŽNÁ MYŠĽA (SLOVAKIA)**  
Jaeger, Mateusz (Adam Mickiewicz University in Poznań) - Strózyk, Mateusz (Poznań Archaeological Museum) - Olexa, Ladislav (Slovak Academy Sciences)
- 11:45 **NEW DATA ON THE METALLURGISTS' BURIALS IN THE EARLY AND MIDDLE BRONZE AGE OF THE CARPATHIAN BASIN**  
Melis, Eszter (Institute of Archaeology, Research Centre for the Humanities, ELKH; Castle Headquarters Integrated Regional Development Centre Ltd.)
- 12:00 **TRACING THE CRAFTSPEOPLE. LATE BRONZE AGE GRAVES AND HOARDS OF METALLURGISTS FROM GREATER POLAND**  
Strózyk, Mateusz (Poznań Archaeological Museum) - Garbacz-Klempka, Aldona (AGH University of Science and Technology) - Silska, Patrycja (Poznań Archaeological Museum) - Kozana, Janusz - Piękoś, Marcin - Żak, Paweł - Fijołek, Andrzej - Wardas-Lasoń, Marta - Perek-Nowak, Małgorzata (AGH University of Science and Technology)
- 12:15 **ABOUT TRAVELLING CRAFTSMEN IN THE BRONZE AGE: NEW RESULTS ON METALLURGY IN THE EASTERN BALTIC SEA REGION**  
Civilyte, Agne (Lithuanian Institute of History) - Duberow, Elka (Curt Engelhorn Centre Archäometry) - Skvortsov, Konstantin (Institute of Archaeology of the Russian Academy of Science)
- 12:30 **DISCUSSION SLOT**

## 493 'HOW THE NEOLITHIC CREATED THE BRONZE AGE': NEOLITHIC SOCIETIES OF EUROPE ON THE EVE OF METALLURGY

Time: 14:30 - 16:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Discussion session

Organisers: Brozio, Jan Piet (Institute of Pre- and Protohistoric Archaeology, Kiel University) - Johannsen, Niels (Department of Archaeology and Heritage Studies, Aarhus University)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 THE SOCIO-ECONOMIC IMPACT OF THE EMERGENCE OF METAL ARTEFACTS IN THE 5TH MILLENNIUM BC IN SOUTHEASTERN ROMANIA  
Darie, Adelina (Bucharest Municipality Museum) - Mirea, Dragoş (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering; Bucharest Municipality Museum) - Parnic, Valentin (Lower Danube Museum, Călăraşi) - Lazăr, Cătălin (Division of ArchaeoSciences, Research Institute of the University of Bucharest - ICUB, University of Bucharest)
- 15:00 BUSINESS AS USUAL: THE SOCIAL SIGNIFICANCE OF THE FIRST BRONZE OBJECTS IN NORTHERN GERMANY  
Schultrich, Sebastian (Institut fuer Ur- und Fruehgeschichte Kiel)
- 15:15 WHAT WAS GOING ON? - SOCIO-ECONOMIC TRANSFORMATIONS IN THE LATE NEOLITHIC SOCIETIES OF THE NORTH GERMAN PLAIN  
Brozio, Jan Piet (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 15:30 DISCUSSION SLOT

## 497 WHAT DO MY DATA SIGNIFY? HOW CAN THIS THEORY BE SUPPORTED? INTERROGATING CONNECTIONS BETWEEN SCIENCE AND THEORY IN FUNERARY ARCHAEOLOGY

Time: 11:00 - 16:30 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Monetti, Lisa (UCL Institute of Archaeology) - Nilsson Stutz, Liv (Linnaeus University) - Snoeck, Christophe (Vrije Universiteit Brussel)

### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 THROUGH THE LENS OF THE DEAD: LINKING THEORY TO AN INTEGRATED ARCHAEOLOGY OF CREMATION IN THE SOUTHERN BRAZILIAN HIGHLANDS  
Ulguim, Priscilla (Teesside University)
- 11:30 CRIME - CREMATION OR INHUMATION OF ANCIENT POPULATIONS? A MULTIDISCIPLINARY QUESTION AT THE EUROPEAN LEVEL  
Leskovar, Tamara (University of Ljubljana, Faculty of Arts) - Snoeck, Christophe (Vrije Universiteit Brussel) - Črešnar, Matija (University of Ljubljana, Faculty of Arts) - Potočnik, Doris (Jožef Stefan Institute) - Goderis, Steven - Gerritzen, Carina (Vrije Universiteit Brussel)
- 11:45 DISCUSSION SLOT

- 12:00 HANDLING THE DEAD. HOW CAN WE LEARN FROM DEATH INVESTIGATORS TO UNDERSTAND THE PAST SENSORY LANDSCAPE OF DEATH AND DECAY?  
Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University) - Nilsson Stutz, Liv (Linnaeus University)
- 12:15 SENSORY ENGAGEMENTS WITH THE DEAD IN MESOLITHIC EUROPE  
GRAY JONES, AMY (University of Chester)
- 12:30 MOURNING AND RITUALIZING THE DEAD: AN ARCHAEOETHANATOLOGICAL ANALYSIS TO TRACE BACK TRANSFORMATIONS IN MORTUARY PRACTICES AT CHECUA, COLOMBIA (9500-5000 BP)  
Ospina, Juan (Cultural Heritage Studies Faculty, Universidad Externado de Colombia; Department of Anthropology, University of Los Andes) - Archila, Sonia (Department of Anthropology, University of Los Andes)
- 12:45 DISCUSSION SLOT
- 14:30 SIT, SNA AND ANT: BUILDING FRAMEWORKS FOR STUDYING FUNERARY IDENTITIES AND MENTAL DISTANCES IN CENTRAL ITALY C. 1000-31 BC  
Rajala, Ulla (Stockholm University)
- 14:45 EXPRESSIONS OF KINSHIP IN THE CEMETERIES OF EARLY MEDIEVAL WALES  
Butler, Ciara - Madgwick, Richard - Lane, Alan (Cardiff University)
- 15:00 DISCUSSION SLOT
- 15:15 BURNED BONES, SCIENCE AND THEORY: HOW THEY CAN BE COMBINED TO UNDERSTAND THE CREMATION SETTINGS IN THE ARCHAEOLOGICAL CONTEXT?  
Stamatakis, Elisavet (Vrije Universiteit Brussel; Université libre de Bruxelles) - Kontopoulos, Ioannis (Vrije Universiteit Brussel; University of Copenhagen) - Salesse, Kevin (Université Libre de Bruxelles) - Veselka, Barbara (Vrije Universiteit Brussel) - Sabaux, Charlotte (Ghent University; Université Libre de Bruxelles) - Dalle, Sarah (Ghent University; Vrije Universiteit Brussel) - Hlad, Marta (Vrije Universiteit Brussel; Université Libre de Bruxelles) - Sangelov, Amanda (Université Libre de Bruxelles; Ghent University) - De Mulder, Guy (Ghent University) - Snoeck, Christophe (Vrije Universiteit Brussel)
- 15:30 HOW CAN WE IDENTIFY TRANSPORTATION OF THE CADAVER THROUGH THE ANALYSIS OF HUMAN BONE?  
Peyroteo Stjerna, Rita (Dep Organismal Biology, Human Evolution, Uppsala University)
- 15:45 THEORIZING DIETARY PREFERENCES IN THE ROMAN PROVINCE OF MACEDONIA: REFLECTIONS FROM THE HUMAN BONES  
Vergidou, Chryssa (Groningen Institute of Archaeology - GIA; The Science and Technology in Archaeology and Culture Research Center - STARC of The Cyprus Institute)
- 16:00 DISCUSSION SLOT

### POSTERS:

- A. DOOMED TO BE FORGOTTEN? CAN SMALL FIELD ANTHROPOLOGY DATASETS STILL CONTRIBUTE TO BIG DATA RESEARCH IN BIOARCHAEOLOGY?  
Lema Seabra, Ana (CIAS; ICArEHB)
- B. EXPLORING KINSHIP AND COMMUNITY THROUGH LANDSCAPE ANALYSIS OF CEMETERY AND SETTLEMENT PLACEMENT IN EARLY MEDIAEVAL BRITAIN  
Fry, Megan (University of Florida)
- C. A SPATIAL ANALYSIS OF THE CEMETERY SITE AT EASTGATE SQUARE, CHICHESTER, WEST SUSSEX  
Welty, Shannon - Rando, Carolyn (University College London)

## 509 HORSEMAN-HORSE COUPLE THROUGH TIME AND SPACE. PART 1

Time: 9:00 - 13:00 CEST, 8 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Binde, Marion (Université de Bordeaux; UMR 5199 PACEA) - Bede, Ilona (Université Paris 1 Panthéon-Sorbonne; UMR 8167 Orient et Méditerranée - Monde byzantin) - Csiky, Gergely (Archaeological Institute of the Research Center for Humanities, Budapest)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 **OSTEOBIOGRAPHY OF A 19TH CENTURY BELGIAN INFANTRY CAPTAIN AND ITS CONTRIBUTION TO THE KNOWLEDGE OF SKELETAL MARKERS OF HORSE RIDING**  
Polet, Caroline (Royal Belgian Institute of Natural Sciences) - Villotte, Sébastien (PACEA, Université de Bordeaux)
- 9:30 **THE RIDER SIZE – HORSE SIZE RELATIONSHIP THROUGH TIME AND SPACE**  
Niskanen, Markku (University of Oulu)
- 9:45 **BECOMING EQUESTRIAN: PEOPLE AND HORSES IN BRONZE AGE HUNGARY**  
Kanne, Katherine (Northwestern University)
- 10:00 **HORSES IN THE EARLY AND MIDDLE BRONZE AGE IN CENTRAL EUROPE**  
Wittmann, Sarah-Julie (Albert-Ludwigs-Universität Freiburg; LWL-Museum für Archäologie Herne)
- 10:15 **THE EARLIEST SPUR IN EUROPE? ABOUT HORSES AND MEN IN THE LATE HALLSTATT NECROPOLIS FROM VALEA STĂNII (ROMANIA)**  
Mandescu, Dragos (Arges County Museum)
- 10:30 **THE HUMAN-HORSE INTERACTION IN THE PREHISTORY OF ROMANIA**  
Balasescu, Adrian (Institute of Archaeology, Romanian Academy)
- 10:45 **VICTORIOUS HORSES, HORSEMEN AND CHARIOTEERS IN ANCIENT GREEK GAMES**  
Liveri, Angeliki (Greek Ministry of Education and Religious Affairs)
- 11:00 DISCUSSION SLOT
- 11:15 **“A HORSE IS WORTH MORE THAN RICHES” – EXPLORING HUMAN AND EQUINE RELATIONSHIPS IN MIDDLE TO LATE IRON AGE BRITAIN**  
Barker, Jane (The University of Manchester)
- 11:30 **THE MEANING OF FUNERARY HORSE RACES IN POMERANIAN CULTURE**  
Wojtecki, Jakub (Nicolaus Copernicus University in Toruń)
- 11:45 **HORSEMAN AND HORSE IN LITHUANIA DURING THE 2ND-14TH C. AD: SIZE, AGE AND ORIGIN OF THE HORSES**  
Piliciauskiene, Giedre - Kurila, Lurynas - Simčenka, Edvardas - Zagurskytė, Aurelija (Vilnius University, Department of Archaeology) - Lidén, Kerstin (Stockholm University, Department of Archaeology and Classical Studies)
- 12:00 **HORSE BURIALS FROM RÓWNINA DOLNA, SITE III, NORTH-EASTERN POLAND**  
Szubska, Magdalena - Wysocki, Jacek (Cardinal Stefan Wyszyński University in Warsaw)
- 12:15 **THE MEROVINGIAN RIDER AND HIS HORSE : IMPACT OF EQUESTRIAN EQUIPMENT ON THE RIDER'S POSTURE AND SKELETON**  
Baillif-Ducros, Christèle (INRAP - National Institute for Preventive Archaeological Research)

- 12:30 **MOUNTED OR NOT MOUNTED? IDENTIFICATION OF RIDING BY USING ENTHESEAL CHANGES IN HORSES ASSOCIATED WITH THE BURIAL OF CHILDERIC I.**  
Binde, Marion - Cochard, David - Knüsel, Christopher J. (UMR 5199 PACEA, “De la Préhistoire à l'Actuel: Culture, Environnement et Anthropologie”, Université de Bordeaux)

12:45 DISCUSSION SLOT

## 514 SMALL BUT SIGNIFICANT: EXPLORING NEO-ENEOLITHIC MINIATURE REPRESENTATIONS AS MATERIAL OBJECTS

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Shatilo, Liudmyla (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Marangou, Christina (Independent researcher) - Naumov, Goce (Goce Delcev University of Štip, Institute of History and Archaeology) - Terna, Stanislav<sup>†</sup> (Kiel University, Institute of Pre- and Protohistoric Archaeology)

### ABSTRACTS

- 9:00 **A MATTER OF LIFE AND DEATH. ANTHROPOMORPHIC FIGURINES IN EARLY NEOLITHIC EUROPE – TRANSREGIONAL AND TRANSCULTURAL CONNECTIONS**  
Becker, Valeska (Westfälische Wilhelms-Universität Münster)
- 9:15 **ANTHROPOMORPHIC FIGURINES DISCOVERED IN THE SETTLEMENT OF CUCUTENI - DĂMBUL MORII (CUCUTENI, IAȘI COUNTY, ROMANIA)**  
Balaur, Radu (Alexandru Ioan Cuza University of Iasi, Interdisciplinary Research Institute - Science Department, Arheoinvest Center)
- 9:30 DISCUSSION SLOT
- 9:45 **CRAFT AND MINIATURES: FIGURINES FROM EXCAVATIONS OF POTTERY-MAKING WORKSHOP AT NEBELIVKA MEGA-SITE**  
Burdo, Nataliia (Institute of Archaeology NAS of Ukraine) - Videiko, Mykhailo (Kyiv Borys Grinchenko University)
- 10:00 **THE LIFE HISTORIES OF FLAT BONE FIGURINES**  
Müller, Michael (Free University Berlin) - Savu, Mihaela (Christian-Albrechts-Universität Kiel)
- 10:15 **ENGAGED TO BE BURIED: WHAT CAN MATERIAL ENGAGEMENT THEORY TELL US ABOUT ANIMAL FIGURINES?**  
Gilb, Hannah (Deutsches Archäologisches Institut)
- 10:30 DISCUSSION SLOT
- 10:45 **MINIATURE REPRESENTATIONS OR SMALL VESSELS? SMALL SCALE VESSELS FROM THE CHALCOLITHIC TELL SETTLEMENT MĂGURA GORGANA AT PIETRELE**  
Martin, Janine (DAI - German Archaeological Institute, Eurasia department)
- 11:00 **MINIATURES AND MNEMONIC DEVICES – A CASE STUDY FROM THE BLACK SEA AREA IN THE 4TH MILLENNIUM BC**  
Uhl, Regina Anna (University Leipzig; DAI, Eurasia Department)
- 11:15 **WHEEL MODEL OR SPINDLE WHORL? STATISTICAL ANALYSES AS A METHOD OF DISTINGUISHING THE TWO TYPES OF FINDS**  
Chub, Nataliia (RGK - Romano-Germanic Commission DAI)
- 11:30 **DOES COLOR OF THE NEOLITHIC MATERIAL OBJECTS MATTER?**  
Balaban, Radmila (Faculty of Philosophy, Department of Archaeology, University of Belgrade)
- 11:45 DISCUSSION SLOT

- 12:00 **MINIATURIZING THE BODIES IN THE NEOLITHIC BALKANS**  
Naumov, Goce (Center for Prehistoric Research / Goce Delčev University)
- 12:15 **TINY WORLD AND NEOLITHIC SOCIETY: NEW INSIGHT FROM THE HOUSE MODEL OF PLATIA MAGOULA ZARKOU/WESTERN THESSALY, GREECE**  
Alram, Eva (Mykenische Kommission, Osterr. Akademie D Wissenschaft) - Cveček, Sabina (Austrian Archaeological Institute)
- 12:30 **TRIPOLYE & VINCA: HISTORICAL CONTEXT OF REALISTIC CLAY MINIATURES**  
Shatilo, Liudmyla (Institut fuer Ur- und Fruehgeschichte Kiel; Institute of Archaeology NASU) - Hofmann, Robert (Kiel University)
- 12:45 **DISCUSSION SLOT**
- 14:30 **MINIATURIZING THE BODIES IN THE NEOLITHIC BALKANS**  
Biehl, Peter F (University at Buffalo, SUNY) - Naumov, Goce (Goce Delceve University of Štip)
- 14:45 **“THE MICRO-UNIVERSE” OF THE HUMAN COMMUNITIES BELONGING TO THE PRECUCUTENI-CUCUTENI-TRIPOLYE CULTURAL COMPLEX. BRIEF ANALYSIS**  
Preoteasa, Constantin - Nicola, Ciprian-Dorin (Neamț National Museum Complex)
- 15:00 **ANIMATING AN INANIMATE WORLD: FROM IMAGES AS PHYSICAL ENTITIES TO TANGIBLE OR INTANGIBLE REFERENTS AND NARRATIVES**  
Marangou, Christina (Independent researcher)
- 15:15 **DISCUSSION SLOT**

## 518 **WORTH THE EFFORT: EVIDENCE OF PREHISTORIC CROSS-CRAFT INTERACTIONS**

Time: 9:00 - 15:30 CEST, 8 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Dzhanfezova, Tanya (University of Oxford) - Grębska-Kulow, Małgorzata (Regional Historical Museum - Blagoevgrad)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **EVIDENCE OF TECHNOLOGICAL BORROWING IN THE NEOLITHIC OF THE VOLGA REGION**  
Doga, Natalia (-) - Vybornov, Alexander (-) - Gilyazov, Filat (-)
- 9:30 **THE LATE BRONZE AGE POTTERY MAKING IN THE SOUTHERN URALS: SRUBNAYA-ALAKUL CONTACTS AND CROSS-TECHNOLOGY INTERACTIONS**  
Mukhametdinov, Vadim (Bashkir state university)
- 9:45 **CO-OPERATIVE LABOUR AND THE POOLING OF DIVIDUAL SKILLS**  
Chapman, John (independent scholar) - Gaydarska, Bissierka (Durham University)
- 10:00 **DISCUSSION SLOT**
- 10:15 **DISC BEADS OF THE EARLY NEOLITHIC: RAW MATERIALS AND MANUFACTURING TECHNOLOGIES**  
Boroneant, Adina (Vasile Pârvan Institute of Archaeology, Romanian Academy) - Mărgărit, Monica (Valahia University, Târgoviște)
- 10:30 **NEOLITHIC BEAD MANUFACTURING: CONTEXT, EXPERIMENT AND TECHNICAL INSIGHTS**  
Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Bonsall, Clive (School of History, Classics and Archaeology, University of Edinburgh)

- 10:45 **LITHIC AND OSSEOUS INDUSTRIES IN THE LATE NEOLITHIC: MUTUAL RELATIONS AND INTERCONNECTIONS**  
Vitezovic, Selena - Antonovic, Dragana - Dimic, Vidan (Institute of Archaeology, Belgrade)
- 11:00 **BONES, BRONZES AND OTHER STUFF. CROSS-CRAFT INTERACTIONS AT THE BRONZE/IRON AGE SETTLEMENT IN GRZYBIANY (POLAND)**  
Baron, Justyna (University of Wrocław)
- 11:15 **PECULIAR WHETSTONES FROM THE PREHISTORIC SITE OF KAIMENSKA CHUKA, BULGARIA**  
Hristov, Pavel (Regional Museum of History - Blagoevgrad)
- 11:30 **STRANGE INHABITANTS OF PREHISTORIC HOUSES IN THE MIDDLE STRUMA VALLEY, SOUTHWEST BULGARIA**  
Kulow, Malgorzata (Regional Museum of History-Blagoevgrad)
- 11:45 **DISCUSSION SLOT**
- 12:00 **RED FROM BELOW: LATE NEOLITHIC HAEMATITE PIGMENT PRODUCTION AND RED PAINTED POTTERY IN WESTERN SYRMIA (NE CROATIA)**  
Botic, Katarina (Institute of Archaeology, Zagreb) - Buric, Marcel (Department of Archaeology, Faculty of Humanities and Social Sciences, University of Zagreb)
- 12:15 **INVESTIGATING TECHNOLOGICAL PROPERTIES OF BONE-TEMPERED CERAMICS IN PREHISTORIC EUROPE**  
Palacios, Olga (Laboratory of Quantitative Archaeology, Universitat Autònoma de Barcelona) - Hein, Anno (Institute of Nanosciences and Nanotechnology, National Center of Scientific Research 'Demokritos')
- 12:30 **SEARCHING FOR THE RAW MATERIALS: THE EARLY NEOLITHIC QUARRYING FOR OCHRE AND OBSIDIAN**  
Kosciuk-Zalupka, Julia (Jagiellonian University)
- 12:45 **THE COMPLEXITY OF SIMPLICITY: DECODING CROSS-CRAFT INTERACTIONS FROM EARLY NEOLITHIC BALKAN POTTERY**  
Dzhanfezova, Tanya (University of Oxford)
- 14:30 **DISCUSSION SLOT**

## 521 **SHAPING A DISCIPLINE: KNOWLEDGE TRANSMISSION AND EXCHANGE IN THE HISTORY OF ARCHAEOLOGY. PART 1**

Time: 9:00 - 16:30 CEST, 8 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Coltofean-Arizancu, Laura (University of Barcelona) - Martins, Ana Cristina (IHC-FCSH NOVA – Pólo Universidade de Évora and Uniarq-UL) - Arnold, Bettina (University of Wisconsin-Milwaukee)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **CELTIC AND VIKING: HOW KEY CONCEPTS IN 19TH CENTURY EUROPEAN ARCHAEOLOGY WERE DEVELOPED WITH REFERENCE TO THE SCOTTISH NATIONAL COLLECTION**  
Goldberg, Martin (National Museums Scotland)
- 9:30 **MISCONCEPTIONS OF THE CLOSED FIND APPROACH IN PRE-AND PROTOHISTORY IN SCANDINAVIA, GERMANY, ENGLAND, AND FRANCE 1808-1860**  
Sasse-Kunst, Barbara (Albert-Ludwig-Universität Freiburg, Institut für Archäologische Wissenschaften)
- 9:45 **MEDIUMS OF ARCHAEOLOGICAL KNOWLEDGE. SOME REMARKS FROM THE GERMAN MARKET OF JOURNALS AND ENCYCLOPEDIAS**  
Grunwald, Susanne (RGK/JGUniversity Mainz)



- 10:00 **HERODOTUS AND ARCHAEOLOGICAL APOLOGETICS IN AN AGE OF SECULARIZATION**  
Marchand, Suzanne (Louisiana State University)
- 10:15 **WHOSE DISCOVERY? RECOGNITION OF THE LEPENSKI VIR SITE AND CULTURE BETWEEN ARCHEOLOGY AND ART HISTORY**  
Cosic, Natalija (Department of Archaeology, Faculty of Philosophy, University of Belgrade)
- 10:30 **DISCUSSION SLOT**
- 11:00 **PRESTIGE AND PROTOSTORIA: EXAMINING PROTO-ETRUSCOLOGY AS A "BOUNDARY SPACE" IN THE LATE 1800S**  
Gustavsson, Anna (Dep of historical studies, Gothenburg University)
- 11:15 **WETLANDS AS A LABORATORY. KNOWLEDGE EXCHANGES AND THE FOUNDATION OF PREHISTORIC ARCHAEOLOGY IN NORTHERN-ITALY (1854-1976)**  
Pizzato, Fedra Alessandra (University of Verona)
- 11:30 **KNOWLEDGE TRANSFER AND EXCHANGE BETWEEN GERMAN AND HUNGARIAN ARCHAEOLOGISTS IN THE TWENTIETH AND TWENTY-FIRST CENTURIES**  
Coltofean-Arizancu, Laura (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts)
- 11:45 **TRANSFER OF ARCHAEOLOGICAL POWER/KNOWLEDGE DURING WORLD WAR II IN SERBIA**  
Bandovic, Aleksandar (National Museum in Belgrade)
- 12:00 **BETWEEN WORDS AND IMAGES: (RE)SHAPING ARCHAEOLOGY IN PORTUGAL DURING THE 60S.**  
Martins, Ana Cristina (IHC - Polo da Universidade de Évora; UNIARQ - Universidade de Lisboa)
- 12:15 **THE ARCHAEOLOGICAL PICNIC: GROUPS AND MOVEMENTS IN ARCHAEOLOGY**  
Zubrow, Ezra (University at Buffalo; University of Toronto)
- 12:30 **DISCUSSION SLOT**
- 14:30 **ARCHAEOLOGY AND INTERDISCIPLINARITY BEYOND THE RHETORIC**  
Kristiansen, Kristian (University of Gothenburg)
- 14:45 **DEALING WITH THE DEAD: TRANS-ATLANTIC INTELLECTUAL EXCHANGE NETWORKS AND THE DEVELOPMENT OF 21ST CENTURY MORTUARY ARCHAEOLOGY**  
Arnold, Bettina (University of Wisconsin Milwaukee)
- 15:00 **MAKING THE ARCHAEOLOGY OF TEXTILE PRODUCTION VISIBLE AGAIN: EXPLORING ITS KNOWLEDGE TRANSMISSION AND METHODOLOGY IN THE IBERIAN PENINSULA (SPAIN)**  
Morgado-Roncal, Leyre (University of Granada)
- 15:15 **INTERPRETING THE CONSERVATIVE PURITY: IRISH ARCHAEOLOGY AND THE POST-PROCESSUAL CRITIQUE**  
Whitefield, Andrew (National University of Ireland, Galway)
- 15:30 **THE PROTECTION OF INNOCENCE: THE MARGINALIZATION OF PROCESSUAL ARCHAEOLOGY IN TURKEY**  
Dikkaya, Fahri (TED University)
- 15:45 **GEOGRAPHIES OF SCIENCE: THE CONTRIBUTION OF ANGLO-AMERICAN AND EUROPEAN SCHOLARS AND RESEARCH OUTPUTS IN THE DEVELOPMENT OF COGNITIVE ARCHAEOLOGY**  
Sinclair, Anthony (University of Liverpool)
- 16:00 **DISCUSSION SLOT**

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## 683 CONTESTED COLONIAL COLLECTING: REVITALIZATION, REPATRIATION AND REBURIAL

Time: 14:30 - 16:30 CEST, 8 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Discussion session

Organisers: Ojala, Carl-Gösta (Uppsala University) - Fossum, Birgitta (Saemien Sijte - South Sámi Museum)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **COLLECTIONS OF SÁMI HUMAN REMAINS AND INTERNATIONAL NETWORKS OF COLLECTORS IN THE 19TH AND EARLY 20TH CENTURIES**  
Ojala, Carl-Gösta (Uppsala University)
- 15:00 **THE REPATRIATION OF ARCHAEOLOGICAL ARTIFACTS TO ANGOLA**  
Barros, Beatriz (Indiana University Bloomington)
- 15:15 **NORTH BY NORTHWEST: RUSSIA'S BALTIC GOVERNORATES – A CHALLENGE TO THE METROPOLE/ PERIPHERY MODEL OF IMPERIAL SCIENCE?**  
Howes, Hilary (The Australian National University)
- 15:30 **DISCUSSION SLOT**

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## 691 GENERAL SESSION: BURIALS, RITUALS AND MEMORIES

Time: 9:00 - 16:30 CEST, 8 September 2021

Format: Regular session

Chair: Müller-Scheessel, Nils (Kiel University)

### ABSTRACTS

- 9:00 **REVISITING STONE AGE SETTLEMENTS AND ROCK ART IN ALTA FJORD, NORTHERN NORWAY. A NEWFANGLED OVERVIEW**  
Gjerde, Jan Magne (NIKU - Norwegian Institute for Cultural Heritage Research)
- 9:15 **RITUALS AND REMEMBRANCE IN THE WARTBERG GALLERY GRAVE OF ALTENDORF**  
Rinne, Christoph (Kiel University) - Drummer, Clara (Orthodrone GmbH)
- 9:30 **CONTINUING THE RESEARCH ON THE CEMETERIES OF MARIUPOL TYPE: NEW PERSPECTIVES**  
Andriiovych, Marta (Institut für Archäologische Wissenschaften)
- 9:45 **ALTO-ADRIATIC LEKANIDES FROM VALLE TREBBA NECROPOLIS OF SPINA: THE SHAPE IN THE FUNERAL PRACTICE OF PO DELTA**  
Serra, Anna (University of Salerno) - Trevisanello, Carlotta (University of Bologna)
- 10:00 **URNS, EMOTIONS AND MEMORY IN BRONZE AND IRON AGE ALBANIA: CLOSING THE CIRCLE OF LIFE**  
Trinder, Ermelinda (Staffordshire University)
- 10:15 **“δῶρον δ’ ὅτι κέ μοι δοίης, κειμήλιον ἔστω” (HOM. OD. 4, 600). NOSTALGIC REFLECTIONS IN EARLY GREEK VOTIVE PRACTICE**  
Vlachou, Aphrodite (Amykles Research Project)
- 10:30 **DISCUSSION SLOT**

- 11:00 **THE CRAFT OF MEMORY. POTTERIES CURATED AS KEIMÉLIA IN THE IBERIAN SOCIETIES OF THE UPPER GUADALQUIVIR (VI-I C. B.C.) (SPAIN)**  
Moreno Padilla, María Isabel (Grupo Patrimonio Arqueológico en Jaén - HUM 357; Departamento de Geografía, Historia y Humanidades. Universidad de Almería) - Ruiz Rodríguez, Arturo - Rueda Galán, Carmen (Instituto Universitario de Investigación en Arqueología Ibérica de la Universidad de Jaén)
- 11:15 **SACREDNESS IN THE NORTHEAST PHRYGIA: THE INHERITANCE OF PAST PERCEPTIONS IN THE EAST OF ESKIŞEHİR PROVINCE, TURKEY**  
Güney, Hale (Aarhus Institute of Advanced Studies)
- 11:30 **TIBURTINI CALICES OR GEMMATA POTORIA IN THIN WALLED WARE: A LUXURY ROMAN PRODUCTION OF THE FIRST IMPERIAL AGE**  
Puppo, Paola (Miur - Ministero Istruzione Università e Ricerca)
- 11:45 **GODS, HUMANS AND THE MATERIALITY OF MEMORY AT THE ACROPOLIS OF ELEUTHERNA\***  
Spanou, Nikolia - Kalpaxis, Athanasios (University of Crete) - Bitis, Ioannis (Aristotle University of Thessaloniki) - Tsigonaki, Christina (University of Crete)
- 12:00 **MEMORY MANIPULATION, MOVEMENT, AND CHRISTIANISATION ASSEMBLAGES ON A CROSSROADS IN EPHEBUS**  
Selsvold, Irene (Department of Historical Studies, University of Gothenburg)
- 12:15 **DISCUSSION SLOT**
- 14:30 **THE LONG TRANSITION FROM THE REIHENGRÄBERFELD TO THE CHURCHYARD**  
Müller, Kathrin (University of Freiburg)
- 14:45 **WONDERS FROM BEYOND: LUXURIOUS AND EXOTIC GOODS IN THE GRAVES OF VIKING AGE RITUAL SPECIALISTS**  
Gardela, Leszek (The National Museum of Denmark)
- 15:00 **SPEAK, MEMORY: THE ROLE OF SOCIAL MEMORY, IDENTITY, AND STORYTELLING IN THE REUSE OF MAYA MONUMENTAL ARCHITECTURE**  
Ruf, Kim (University of Cambridge)
- 15:15 **SUBSTITUTE BIOGRAPHIES: SOCIAL MEMORY AND HEIRLOOMS WITHIN EARLY MEDIEVAL SUB-ADULT BURIALS**  
Costello, Brian (University of Chester)
- 15:30 **FELDLUFTPARK PORI: LANDSCAPE OF WAR AND MEMORY**  
Väisänen, Teemu (University of Turku; Satakunta Museum)
- 15:45 **DISCUSSION SLOT**

## THURSDAY 9 SEPTEMBER

### KEYNOTE LECTURES (13:00; 18:45 CEST)

- Marzena Szmyt: Baltic-Pontic contact space in 4th and 3rd millennium BC
- Sandy Harrison: Interactions between climate change, natural ecosystems and disturbance regimes, and anthropogenic activities during the Holocene

| 9:00 - 11:00  | 11:00 - 13:00   | 14:30 - 16:30   | 16:30 - 18:30 CEST |
|---|---|---|--------------------|
| <b>141.</b> Between Bones and Beliefs: Human-Bird Relations in Central and Northern Europe in the 1st Millennium AD   |   | <b>35.</b> Human Mobility and Archaeological Thought: Moving forward  |                    |
| <b>144.</b> The Ever Changing Coast: Interactions of People, Landscapes and Environment along Europe's Seas in High-Resolution  |   | <b>388.</b> Prehistoric Inter-Societal Dynamics along the Atlantic Façade from the Neolithic to the Iron Age  |                    |
| <b>221.</b> Connecting Prehistoric Anatolia and Europe through Foodways   |   | <b>153.</b> Archaeology in the Digitocene Age: Discussing Critical Approaches, Onto-Ethics, and Policies of Digital Practices                         |                    |
| <b>273.</b> Towards an International Archaeology of Fortifications: Methodologies and Interpretations [COMFORT]   |   |   |                    |
| <b>276.</b> Crossed Approaches to Transitions in the Neolithic: Understanding Social Mechanisms Underlying Material Culture Transformation Using the Concept of Chaîne Opératoire |   | <b>164.</b> Constructive Conservation: Making Monuments Useful  |                    |
| <b>279.</b> Living in the Mountains: Settlement Strategies from the Beginning of the Holocene to Modern Times in Southern Europe. Part 2  |   | <b>219.</b> The Historical Ecology of Reclamation Landscapes: Towards a Cross-Cultural Comparative Perspective  |                    |
| <b>295.</b> Beyond the Far Horizon: Evaluating Regional Survey in the Western Iberian Peninsula. The State-of-the-Art and Future Prospects [FIDO; Archaeological Prospection]     |   | <b>278.</b> Systemic Approaches to Agricultural and Land Use Change in Prehistoric Societies. Part 1  |                    |
| <b>343.</b> The Rise of Patriarchy. An Archaeological View [AGE]  | <b>46.</b> Advancing Skyscape and Landscape Archaeologies: Relations with the Sky. Interactions between Disciplines |   |                    |
| <b>351.</b> Between Style and Function: The Technology of Neolithic Pottery Finishes in SE Europe   |   | <b>412.</b> People on the Move: Changing Genes, Cultures and Languages  |                    |
| <b>354.</b> The Plant Story. Cultivation and Use of Plants in the Neolithic and Early Bronze Age in the Central and Eastern Europe  | <b>100.</b> To Gender or not to Gender? Exploring Gender Variations through Time and Space [AGE]                    |   |                    |
| <b>367.</b> Ideological, Technological & Economic Change in the First Millennium BCE at the Eurasian Extremities: Japan and Britain in Wider Context                              |   | <b>436.</b> Creativity and Resourcefulness Online: How Archaeologists and Heritage Educators Overcame the Pandemic and Reached the Public in New Ways |                    |

| 9:00 - 11:00  | 11:00 - 13:00 | 14:30 - 16:30   | 16:30 - 18:30 CEST |
|---|---------------|---|--------------------|
| <b>373.</b> Social Interaction in Heritage Environments   |               | <b>281.</b> Resource Use and Recycling in Urban Ecologies   |                    |
| <b>377.</b> A World of Clay II: From Fragments to Societies   |               | <b>454.</b> Applied Archaeology – New Directions for the Discipline in a Changing World   |                    |
| <b>390.</b> Cross-Disciplinary Approaches to Archaeothanatology and Taphonomic Analyses of Human Remains                    |               | <b>692.</b> General Session: Environmental Impacts on History   |                    |
| <b>409.</b> Archaeologists, Sites and Methodologies: Professional and Personal Networks in mid-20th-Century Europe (Part 2) |               | <b>294.</b> Widening Horizons – Contributing to Communities in a post-Covid-19 World through Increasing Access to Archaeology and Heritage        |                    |
| <b>468.</b> Biosocial Archaeology: When Ancient DNA Opens the Discussion to Social Structures                               |               |   |                    |
| <b>487.</b> A network for agent-based modelling of socio-ecological systems in Archaeology (NASA)                           |               |   |                    |
| <b>505.</b> On the Move: Interdisciplinary Approaches in Studying Human Mobility  |               | <b>318.</b> How Can Metal Corrosion Products Contribute to Archaeological Research? - Archaeometallurgy@EAA, Part 1                               |                    |
| <b>510.</b> Horseman-Horse Couple through Time and Space. Part 2  |               | <b>326.</b> Everything You Always Wanted to Know About Phytoliths (But Were Afraid...): Their Contribution to the Modeling of Past Human Behavior |                    |
| <b>525.</b> Of the Water: Fish and Molluscs in the Ancient Eastern Mediterranean  |               |   |                    |
| <b>530.</b> Breaking Points. Medieval and Modern Societies in Transition through Material Culture                           |               | <b>340.</b> IMPR - Phytoliths as a Proxy for Palaeoenvironmental Reconstruction   |                    |

| 9:00 - 11:00   | 11:00 - 13:00   | 14:30 - 16:30  | 16:30 - 18:30 CEST |
|--|---|--|--------------------|
| <b>684.</b> Imaginations and Imaginaries of the Palaeolithic and Mesolithic – Distorted Views, Embellishment, and What We Make of It [PaM] | <b>143.</b> Dendroarchaeology: Wood Science for the Reconstruction of Past Landscapes and Human-Environment Interactions Based on Archaeological and Historical Studies of Wood Remains |  |                    |
|  | <b>392.</b> Identity Politics and Culture(s) in Neolithic and Bronze Age Archaeology  | <b>355.</b> Community Archaeology and Climate Threat Response  |                    |
|  | <b>416.</b> Visible to the eye? Transmission of ideas through everyday visual culture   | <b>379.</b> The Interaction between Nomadism and Sedentism: An Approach through Religious Practices and Beliefs  |                    |
|  | <b>500.</b> Integrating Neandertal Legacy: From Past to Present [PaM]   |  |                    |
|  | <b>693.</b> General Session: Archaeology and the Public   | <b>428.</b> Adult Age-at-Death in Past Populations: Widening Horizons of Methods, Approaches and Interpretations |                    |
|  |   | <b>432.</b> Perspectives on Bronze Age Changess  |                    |
|  |   | <b>503.</b> Towards an Inclusive Future: A Strategy for Rock Art Research, Management and Social Value           |                    |
|  |   | <b>522.</b> Shaping a Discipline: Knowledge Transmission and Exchange in the History of Archaeology. Part 2      |                    |
|  |   | <b>541.</b> Pastoralism of the Past: Insights into Social, Cultural and Environmental (In)stability              |                    |
|  |   | <b>546.</b> Idiosyncratic Burials: Interpreting the Politics of Death and Dead Bodies                            |                    |

## 35 HUMAN MOBILITY AND ARCHAEOLOGICAL THOUGHT: MOVING FORWARD

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Nikita, Efthimia (The Cyprus Institute) - Radini, Anita (University of York) - Mutri, Giuseppina (The Cyprus Institute)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 FARAWAY, SO CLOSE! THE DIALECTICS OF ARCHAEOLOGICAL THEORY AND SCIENCE IN PALAEO-MOBILITY STUDIES  
Karlighioti, Anna (The Cyprus Institute) - Kozatsas, Jannis (Aristotle University of Thessaloniki) - Nikita, Efthimia (The Cyprus Institute)
- 15:00 ON THE RUN: EARLY MEDIEVAL SETTLERS AT KOKSIJDE CAME FROM BEYOND THE CHANNEL  
Spros, Rachèl - Snoeck, Christophe (Research Unit: Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Pellegrini, Maura (Thermo Fisher Scientific Italy) - Claeyss, Philippe (Research Unit: Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel)
- 15:15 ON THE NORTHERN BORDERS OF HERODOTUS' SCYTHIA: INDIVIDUAL MOBILITY AND FOOD PREFERENCES OF THE NOMADS OF THE MIDDLE DON  
Dobrovolskaya, Maria - Volodin, Saimon (Institute of Archaeology Russian Academy of Sciences)
- 15:30 NON-METRIC DENTAL TRAIT VARIATION AMONG WESTERN SIBERIAN FOREST-STEPPE POPULATIONS IN THE GREAT MIGRATION PERIOD  
Sleptsova, Anastasiia (Tyumen Scientific Centre SB RAS)
- 15:45 GENESIS OF THE UPPER OB REGION POPULATION OF THE EARLY IRON AGE  
Kishkurno, Maria (Institute of Archaeology and Ethnography SB RAS)
- 16:00 TRAVELLERS AND CONSUMERS: ASSESSING POTENTIAL AND LIMITATIONS OF MICRO DEBRIS IN CALCULUS TO THE TOPIC OF ANCIENT HUMAN MOBILITY  
Radini, Anita (BioArCH and York JEOL Nanocentre, University of York)
- 16:15 DISCUSSION SLOT
- 16:30 TRANS-CONTINENTAL AND TRANS-CULTURAL MOBILITY: CRUCIBLE STEEL BETWEEN INDIA, PERSIA AND EUROPE  
Rehren, Thilo (The Cyprus Institute) - Alipour, Rahil (University College London) - Desai, Meghna (The Cyprus Institute)
- 16:45 WANDERING IDENTITIES: LA TÈNE EVIDENCE IN ABRUZZI BETWEEN 5TH AND 3RD CENTURY BC  
Scarsella, Elena (University of Cambridge) - Di Giovanni, Andrea (Università di Roma, La Sapienza) - D'Ercole, Vincenzo (Università Gabriele D'Annunzio, Chieti-Pescara)
- 17:00 COLONIZATION AND VETERAN SETTLEMENT IN THE ROMAN PROVINCE OF MOESIA INFERIOR  
Dumitrache, Iulia (University Alexandru Ioan Cuza Iasi, Romania)
- 17:15 DO THE DORIANS HAVE DNA? ADDRESSING INDIVIDUAL AND COLLECTIVE IDENTITY IN GREEK MIGRATION TRADITIONS  
Judson, Catharine (Université Libre de Bruxelles)
- 17:30 UNEASY BEDFELLOWS? (BIO)ARCHAEOLOGY, ANCIENT HISTORY, EPIGRAPHY AND THE STUDY OF MOBILITY IN THE ANCIENT WORLD  
Voutsaki, Sofia (University of Groningen)
- 17:45 DISCUSSION SLOT

### POSTERS:

- A. TEMPORAL OR DEVELOPMENTAL? INVESTIGATING SOURCES OF CRANIAL SHAPE VARIATION BETWEEN A HISTORIC ICELANDIC POPULATION AND A MODERN AMERICAN 'WHITE' POPULATION  
McCrane, Samantha - Meloro, Raphaela (University of Florida, Anthropology Department)

## 46 ADVANCING SKYSCAPE AND LANDSCAPE ARCHAEOLOGIES: RELATIONS WITH THE SKY. INTERACTIONS BETWEEN DISCIPLINES

Time: 11:00 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Balbi, Jose (Sec Cultura y Educacion BA Argentina; SEAC - SIAC - CAG) - Iwaniszewski, Stanislaw (State Museum of Archaeology, Warsaw) - Martz de la Vega, Hans (Escuela Nacional de Antropología e Historia)

### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 CROMLECH OF MEZORA: AN ARCHAEO-ASTRONOMICAL IN NORTH MOROCCO UPDATING IN THE SEARCH TO IDENTIFY A SOLAR CULT  
Balbi, Jose (Colchester Archaeological Group; Dirección de Cultura y Educacion BA Argentina) - Leone, Isabella (SIA - Società Italiana de Archaeo Astronomia)
- 11:30 HUMAN LIFEWORLDS, LANDSCAPES AND WORLDVIEWS: ECOSYSTEMS, ANTHROPOLOGY, ARCHAEOLOGY, AND THE APPROACH OF CULTURAL COSMOLOGY  
Rappenglück, Michael (SEAC; Adult Education Center and Observatory Gilching)
- 11:45 OM HAIL! SOME STORIES ABOUT THE BASIC PROBLEM OF ARCHAEOLOGICAL WORK IN ASIA: CYCLICAL TIME VS. LINEAR NOTIONS OF TIME  
Lange, Perry (Institut fuer Ur- und Fruehgeschichte Kiel)
- 12:00 SKYSCAPES OF FBC MEGALITHIC LONG BARROWS IN SOUTHERN KUYAVIA  
Iwaniszewski, Stanislaw (Arqueologia Escuela Nacional de Antropologia e Historia - Instituto)
- 12:15 LA MUCULUFA RECONSIDERED: LANDSCAPE AND HORIZON ASTRONOMY AT A CASTELLUCCIAN SANCTUARY ON SICILY  
Orlando, Andrea (Istituto di Archeoastronomia Siciliana) - Riorden, Elizabeth (University of Cincinnati)
- 12:30 SKYSCAPE ARCHAEOLOGY: ARCHAEOASTRONOMY TURNED ONTOLOGICAL  
Silva, Fabio (Bournemouth University)
- 12:45 DISCUSSION SLOT
- 14:30 EXPLORING SKYSCAPE AT KARANOVO, BULGARIA  
Iwaniszewski, Stanislaw (Arqueologia Escuela Nacional de Antropologia e Historia - Instituto) - Maglova, Penka (Bulgarian Academy of Sciences, Space Research and Technology Institute, Stara Zagora Department) - Stoev, Alexey (Yuri Gagarin Public Astronomical Observatory, Stara Zagora)
- 14:45 REACHING OUT FOR (NEW) OLD HORIZONS ALONG THE ATLANTIC FAÇADE  
Mom, Vincent (Digital Preservation Project Foundation) - Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC)
- 15:00 THE ONTOLOGY OF THE ANCIENT MAYA THROUGH THEIR DEAD. THE ORIENTATIONS OF THE BURIALS OF TIKAL, GUATEMALA  
Martz de la Vega, Hans - Grecco Pacheco, Daniel (Escuela Nacional de Antropología e Historia, México) - Mejuto González, Javier (Universidad Nacional Autónoma de Honduras) - González Morales, Cecilia (Universidad Tecnológica de México)

- 15:15 **ASTROMORPHS IN THE HONDURAN ROCK ART: A PRELIMINARY STUDY**  
Mejuto, Javier - Rodas-Quito, Eduardo (Universidad Nacional Autónoma de Honduras)
- 15:30 **K'ATUNSCAPE: A LANDSCAPE MODEL BASED ON THE K'ATUN AND K'ALTUUN IN TIKAL, PETÉN**  
Martz de la Vega, Hans - Grecco Pacheco, Daniel (Escuela Nacional de Antropología e Historia, México) - Mejuto González, Javier (Universidad Nacional Autónoma de Honduras)
- 15:45 **INDIGENOUS ASTRONOMICAL FOOTPRINTS IN THE ROMAN TEMPLE OF PIEDRAS LABRADAS IN JARILLA (CÁCERES, SPAIN)**  
Rodríguez Antón, Andrea - González-García, Antonio César (Incipit - Institute of Heritage Sciences)
- 16:00 **DISCUSSION SLOT**
- 16:15 **THE SKY ON EARTH: FIRST ARCHAEOASTRONOMICAL APPROACH TO THE PRE-HISPANIC MOUNDS OF THE URUGUAYAN LOWLANDS (ROCHA, URUGUAY)**  
González-García, Antonio César (Institute of Heritage Sciences, Incipit-CSIC) - Gianotti, Camila - Gazzán, Nicolás - Cancela, Cristina - Sotelo, Moira (Universidad de la República)
- 16:30 **RESCUE ARCHAEOASTRONOMY. AN ARCHAEOASTRONOMICAL STUDY OF THE EMERGING MEGALITHS IN GUADALPERAL (EL GORDO, SPAIN)**  
Rodríguez-Antón, Andrea (Incipit - Institute of Heritage Sciences)
- 16:45 **THE SKY ABOVE MACHU PICCHU OR: ON REAL AND IMAGINED INCA OBSERVATORIES**  
Ziólkowski, Mariusz (Centre of Precolumbian Studies, University of Warsaw) - Kościuk, Jacek (Faculty of Architecture, Arts and Technology, Wrocław University of Science and Technology)
- 17:00 **EVALUATION OF LIGHT AND SHADOW INTERACTION OF AN INCA SANCTUARY IN STELLARIUM**  
Zotti, Georg (Ludwig Boltzmann Inst. f. Archaeological Prospection and Virtual Archaeology) - Malville, Kim (Department of Astrophysical and Planetary Sciences, University of Colorado) - Gullberg, Steven (University of Oklahoma)
- 17:15 **LANDSCAPE AND SKYSCAPE AT LARK HILL, NEAR STONEHENGE, IN THE LATER NEOLITHIC**  
Chadburn, Amanda (Historic England) - Ruggles, Clive (University of Leicester) - Leivers, Matt (Wessex Archaeology; Cultural Heritage Institute, Royal Agricultural University)
- 17:30 **DISCUSSION SLOT**

## 100 TO GENDER OR NOT TO GENDER? EXPLORING GENDER VARIATIONS THROUGH TIME AND SPACE

Time: 11:00 - 18:00 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Gaydarska, Bisserka (Durham University) - Rebay-Salisbury, Katharina (Austrian Academy of Sciences) - Ramirez-Valiente, Paz (University of Nottingham) - Fries, Jana Esther (Niedersächsisches Landesamt für Denkmalpflege)



### ABSTRACTS

- 11:00 **INTRODUCTION**
- 11:15 **UNBRIDLING THE NARRATIVE: INFLUENCES OF GENDER ASSUMPTIONS ON THEORIES OF REINDEER DOMESTICATION**  
Hull, Emily (University of Oulu)
- 11:30 **GENDER DIFFERENTIATION IN LIFE AND DEATH: SOCIAL REPRODUCTION IN HUNTER-GATHERER-FISHER SOCIETIES OF THE SOUTHERNMOST TIP OF THE AMERICAN CONTINENT**  
Carracedo Recasens, Robert (Universitat Autònoma de Barcelona)
- 11:45 **DISCUSSION SLOT**

- 12:00 **GENDER IDENTITIES IN MESOLITHIC, EARLY AND MIDDLE NEOLITHIC IN CENTRAL EUROPE**  
Nordholz, Daniela (none)
- 12:15 **NEOLITHIC GENDER VIEWED FROM FRANCE. ANTHROPOLOGICAL AND THEORETICAL FRAMEWORKS, FIRST RESULTS AND LIMITS**  
Augereau, Anne (INRAP - National Institute for Preventive Archaeological Research)
- 12:30 **TO GENDER OR NOT TO GENDER? INSIGHTS FROM ASEXUAL AND DOUBLE-SEX FIGURINES OF THE NEOLITHIC AEGEAN**  
Ramirez Valiente, Paz (University of Nottingham)
- 12:45 **DISCUSSION SLOT**
- 14:30 **EVERYTHING YOU WANTED TO KNOW ABOUT SEX, BUT WERE AFRAID TO ASK: NON-BINARY GENDER SYSTEMS AND ASSYMETRIES IN PREHISTORIC GREECE**  
Mina, Maria (University of the Aegean)
- 14:45 **THE RELATIONSHIP BETWEEN GENDER AND A NESTED IDENTITY APPROACH TO THE NEOLITHIC AND CHALCOLITHIC OF OLD EUROPE**  
Chapman, John (independent scholar)
- 15:00 **EXPLORING GENDER AT POLGÁR-CSŐSZHALOM, A LATE NEOLITHIC SITE IN NE HUNGARY**  
Anders, Alexandra (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest) - Nagy, Emese (Déri Museum, Debrecen)
- 15:15 **DISCUSSION SLOT**
- 15:30 **GIRLS WHO WANT BOYS WHO LIKE BOYS TO BE GIRLS -THE FUZZINESS OF SEX AND GENDER IN BURIAL ARCHEOLOGY**  
Pape, Eleonore - Ialongo, Nicola (Georg-August-Universität Göttingen)
- 15:45 **BIOLOGY AND CULTURE IN GENDERED BURIALS OF THE BRONZE AGE**  
Rebay-Salisbury, Katharina (Austrian Academy of Sciences)
- 16:00 **GENDER IN BECOMING THROUGH THE NEOLITHIC/BRONZE AGE TRANSITION IN IRELAND AND SCOTLAND?**  
Haughton, Mark (University of Cambridge)
- 16:15 **DISCUSSION SLOT**
- 16:30 **GENDER ANALYSIS IN EUROPEAN LATE PREHISTORY: BROADENING THE SOCIAL AND GEOGRAPHICAL SCOPE**  
Gonzalez-Marcen, Paloma (Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria; Universitat Autònoma de Barcelona) - Diaz-Zorita, Marta (University of Tübingen; Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters)
- 16:45 **TO GENDER IN AL-ANDALUS: MAINTENANCE ACTIVITIES IN THE FUNDUQ**  
Hernández Robles, Alicia (University of Murcia) - Celma Martínez, Mireia (Professional Archaeologist)
- 17:00 **DISCUSSION SLOT**

## 141 BETWEEN BONES AND BELIEFS: HUMAN-BIRD RELATIONS IN CENTRAL AND NORTHERN EUROPE IN THE 1ST MILLENNIUM AD

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Karpinska, Klaudia (Museum of Cultural History, University of Oslo) - Smallman, Rebecca (HumAnE Bioarchaeology, University of Exeter) - Oehrl, Sigmund (Department of Archaeology and Classical Studies, Stockholm University)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 FROM SPECIAL ANIMALS TO CHICKEN DINNER: EXPLORING THE CHANGING ROLE OF CHICKENS  
Best, Julia (Cardiff University) - Doherty, Sean (University of Exeter) - Foster, Alison (Freelance)
- 9:30 FEATHERS FOR THE AFTERLIFE INVESTIGATING SPECIES COMPOSITIONS OF FEATHERS FROM SCANDINAVIAN IRON AGE BURIALS REVEAL NEW PERSPECTIVES ON HUMAN-AVIAN INTERACTIONS  
Berglund, Birgitta (Norwegian University of Science and Technology - NTNU, University Museum, Department of Archaeology and Cultural History) - Rosvold, Jørgen (The Norwegian Institute for Nature Research)
- 9:45 WHY DID THE CHICKEN CROSS THE NORTH SEA? THE INTRODUCTION OF CHICKENS INTO NORWAY; NEW EVIDENCE FROM THE BORGUND KAUPANG  
Walker, Samuel (University Museum of Bergen, The Department of Natural History) - Hansen, Gitte (University Museum of Bergen, The Department of Cultural History)
- 10:00 HUNTING WITH RAPTORS IN THE OLD NORSE SOCIETY - UNDERSTANDING THE PRACTICAL SIDE OF FALCONRY IN THE VIKING AGE  
Hagen, Ellen (Arkeologisk museum, Universitetet i Stavanger)
- 10:15 'FALCONER BURIALS' REVISITED (SWEDEN AND NORWAY, GERMANY, CZECH REPUBLIC AND ESTONIA; 500-1000 AD); ON THE DIFFERENCES IN EVIDENTIAL VALUE  
Grimm, Oliver (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 10:30 FUNERARY PRACTICES MOST FOWL: PATTERNS OF SYMBOLIC CHICKEN DEPOSITION THROUGHOUT IRON AGE AND ROMAN BRITAIN  
Smallman, Rebecca (HumAnE Bioarchaeology, University of Exeter)
- 10:45 DISCUSSION SLOT
- 11:00 EGGSTRA QUESTIONS ANSWERED: USING PROTEOMIC APPROACHES FOR EXPLORING THE RELEVANCE OF DOMESTIC CHICKEN IN VIKING AGE POST-CREMATION RITES  
Jelicic, Anna (Stockholm University) - Demarchi, Beatrice (University of Turin)
- 11:15 AVIAN ICONOGRAPHY ON THE GOTLAND PICTURE STONES – VENDEL AND VIKING PERIOD BIRD SYMBOLISM  
Oehrl, Sigmund (Institutionen för arkeologi och antikens kultur, Stockholms universitet)
- 11:30 BIRDS IN PRE-CHRISTIAN SLAVIC ICONOGRAPHY AND RELIGION  
Szczepanik, Pawel (Institute of Archaeology Nicolaus Copernicus University in Torun)
- 11:45 LAST CROWS: GAMEFOWL IN VIKING AGE FUNERARY PRACTICES AND BELIEFS  
Karpinska, Klaudia (Museum of Cultural History, University of Oslo)
- 12:00 DISCUSSION SLOT

### POSTERS:

- A. VIKING FALCONRY – A NEW TAKE ON THE RAPTOR REMAINS AT THE VIKING SETTLEMENT OF WOOD QUAY, DUBLIN  
White, Hilary (Irish Hawking Club; International Association of Falconry and Conservation of Birds of Prey)

## 143 DENDROARCHAEOLOGY: WOOD SCIENCE FOR THE RECONSTRUCTION OF PAST LANDSCAPES AND HUMAN-ENVIRONMENT INTERACTIONS BASED ON ARCHAEOLOGICAL AND HISTORICAL STUDIES OF WOOD REMAINS

Time: 11:00 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Shindo, Lisa (ROOTS cluster of excellence, Christian-Albrechts Universität, Kiel) - Wazny, Tomasz (Nicolaus Copernicus University, Toruń)



### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 A QUESTION OF METHOD AND PLACE? COMPARING METHODS OF DENDROARCHAEOLOGY, ANTHRACOLOGY AND ROUNDWOOD ANALYSIS  
Bleicher, Niels (Underwaterarchaeology / DendroLab City Of Zürich)
- 11:30 ANTHRACO-TYOLOGY AS A METHOD OF UNDERSTANDING FIREWOOD EXPLOITATION AND WOODLAND MANAGEMENT PRACTICES THROUGH ARCHAEOLOGICAL CHARCOAL FRAGMENTS  
Picornell-Gelabert, Llorenç (Universitat de les Illes Balears) - Dufraisse, Alexa (Sorbonne Universités, CNRS, Muséum national d'Histoire naturelle. UMR 7209 Archéozoologie, Archéobotanique: sociétés, pratiques et environnements) - Coubray, Sylvie (Sorbonne Universités, CNRS, Muséum national d'Histoire naturelle. UMR 7209 Archéozoologie, Archéobotanique: sociétés, pratiques et environnements; INRAP Centre-Ile-de-France) - Alcolea, Marta (Universitat Autònoma de Barcelona) - Girardclos, Olivier (Université de Franche-Comté; CNRS, UMR 6249 Laboratoire de Chrono-Environnement)
- 11:45 DISCUSSION SLOT
- 12:00 AUTOMATED 3D TREE-RING DETECTION AND RING-WIDTH CALCULATION FROM X-RAY COMPUTED TOMOGRAPHY  
Martinez, Jorge (Lucerne University of Applied Sciences and Arts, School of Engineering and Architecture, Horw) - Stelzner, Ingrid - Stelzner, Jörg (Römisch Germanisches Zentralmuseum Mainz) - Gwerder, Damian - Schuetz, Philipp (Lucerne University of Applied Sciences and Arts, School of Engineering and Architecture, Horw)
- 12:15 RECONSTRUCTION OF FOREST DEVELOPMENT IN THE MEDIEVAL ORE MOUNTAINS: PROS AND CONS OF USING WOOD DENSITY OF MINING TIMBER  
Ahlgrimm, Svenja - Scharnweber, Tobias (University Greifswald)
- 12:30 DISCUSSION SLOT
- 14:30 BEYOND CHARCOAL ANALYSIS. WOOD USES AND WOODLAND MANAGEMENT FROM BRONZE TO IRON AGES IN NORTHERN IBERIA  
Martin Seijo, Maria (Universidad de Cantabria)
- 14:45 MIDDLE AGES DENDROPROVENANCING: MAPPING WOOD EXPLOITATION AND CONSUMPTION FOR SAN ESTEBAN ARCHAEOLOGICAL SITE IN THE 12TH AND 13TH CENTURIES  
Celma Martínez, Mireia - Baño López, Ana (Professional Archaeologist) - Eiroa Rodríguez, Jorge (Departamento de Prehistoria, Arqueología, Historia Antigua, Historia Medieval y Ciencias y Técnicas Historiográficas Facultad de Letras, Universidad de Murcia) - González Ballesteros, José Ángel (Professional Archaeologist) - Hernández Robles, Alicia - Haber Uriarte, María (Departamento de Prehistoria, Arqueología, Historia Antigua, Historia Medieval y Ciencias y Técnicas Historiográficas Facultad de Letras, Universidad de Murcia)
- 15:00 MODERN TAR KILN FROM THE BIAŁOWIEŻA PRIMEVAL FOREST. ARCHAEOLOGICAL AND DENDROLOGICAL STUDY  
Szubski, Michal - Szubska, Magdalena (Cardinal Stefan Wyszyński University in Warsaw) - Klisz, Marcin (Forest Research Institute) - Wojnar, Joanna (Cardinal Stefan Wyszyński University in Warsaw) - Langer, Jerzy (Faculty of Chemistry, Adam Mickiewicz University in Poznań)

- 15:15 DISCUSSION SLOT
- 15:30 **NEOLITHIC WOOD USE AT THE SCHELDT RIVER BANKS IN BOUCHAIN (HAUT-DE-FRANCE)**  
Leroy, Gilles (DRAC Hauts-de-France, Service régional de l'archéologie – UMR 8164 Halma - CNRS) - Jaouen, Gwénaelle (Independent Researcher) - Tegel, Willy (Institute of Forest Sciences, Chair of Forest Growth and Dendroecology, Albert-Ludwigs-University Freiburg) - Salvador, Pierre-Gil (Univ. Lille, Univ. Littoral Côte d'Opale, ULR 4477) - Boulen, Muriel (Palynologist, Institut National de Recherche en Archéologie Préventive - INRAP – UMR 7209 - CNRS-MNHN) - Salavert, Aurélie (UMR 7209, Archéozoologie, Archéobotanique: sociétés, pratiques et environnements - CNRS-MNHN)
- 15:45 **FROM DENDROCHRONOLOGY TO BRONZE AGE WOODLAND AND COSMOLOGY: TWO TIMBER CIRCLES ON ENGLAND'S EAST COAST**  
Robertson, David (Forestry Commission England)
- 16:00 DISCUSSION SLOT
- 16:15 **WOODLAND MANAGEMENT IN THE PILE DWELLINGS OF THE LJUBLJANSKO BARJE, SLOVENIA, IN THE ENEOLITHIC?**  
Out, Welmoed (Moesgaard Museum, Dept. of Archaeological Science and Conservation, Højbjerg) - Hänninen, Kirsti (BIAX Consult, Zaandam) - Merela, Maks (University of Ljubljana, Biotechnical Faculty, Department of Wood Science and Technology, Ljubljana) - Velušček, Anton (Research Centre of the Slovenian Academy of Sciences and Art, Institute of Archaeology, Ljubljana) - Vermeeren, Caroline (BIAX Consult, Zaandam) - Čufar, Katarina (University of Ljubljana, Biotechnical Faculty, Department of Wood Science and Technology, Ljubljana)
- 16:30 **SASANIAN WOODLAND USE IN TREELESS LANDSCAPES**  
Shumilovskikh, Lyudmila (Georg-August-University Göttingen)
- 16:45 **A 19TH CENTURY WHALER IN PATAGONIA, ARGENTINA: DENDROCHRONOLOGICAL ANALYSIS OF THE BAHÍA GALENSES SHIPWRECK**  
Mundo, Ignacio (IANIGLA-CONICET) - Murray, Cristian - Grosso, Mónica (PROAS, Instituto Nacional de Antropología y Pensamiento Latinoamericano, Buenos Aires) - Rao, Mukund - Cook, Edward (Tree-Ring Laboratory, Lamont-Doherty Earth Observatory, Columbia University, New York) - Villalba, Ricardo (Laboratorio de Dendrocronología e Historia Ambiental, IANIGLA-CONICET, Mendoza)
- 17:00 DISCUSSION SLOT

#### POSTERS:

- A. **ARCHAEOLOGICAL AND DENDROLOGICAL STUDY OF TWO TYPES OF CHARCOAL KILNS IN THE BIAŁOWIEŻA PRIMEVAL FOREST**  
Wojnar, Joanna (Cardinal Stefan Wyszyński University in Warsaw) - Klisz, Marcin (Forest Research Institute)

## 144 THE EVER CHANGING COAST: INTERACTIONS OF PEOPLE, LANDSCAPES AND ENVIRONMENT ALONG EUROPE'S SEAS IN HIGH-RESOLUTION

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Kristiansen, Søren (Department of Geoscience, Aarhus University; Center of Urban Network Evolution - UrbNet, Aarhus University) - Stamness, Arne (Norwegian University of Science and Technology The NTNU University Museum Department of Archaeology and Cultural History) - Verhegge, Jeroen (Department of Archaeology, Ghent University)

#### ABSTRACTS

- 9:00 INTRODUCTION

- 9:15 **LINDISFARNE LANDSCAPES: GEOARCHAEOLOGICAL APPROACHES TO HUMAN-ENVIRONMENT INTERACTIONS ON HOLY ISLAND (NORTHUMBERLAND, UNITED KINGDOM)**  
Kahlenberg, Raphael - Andrieux, Eric - Bailiff, Ian (Department of Archaeology, Durham University) - Lloyd, Jeremy (Department of Geography, Durham University) - Shillito, Lisa-Marie (School of History, Classics and Archaeology, Newcastle University) - Milek, Karen (Department of Archaeology, Durham University)
- 9:30 **LUMPS AND BUMPS! RECONSTRUCTING A BURIED LANDSCAPE USING LEGACY DATA AT TRONDHEIM, NORWAY**  
Cadamarteri, Julian (NIKU - Norwegian Institute for Cultural Heritage Research)
- 9:45 **LARGE-SCALE POST-BATTLE TREATMENT OF DEAD IRON AGE WARRIORS IN DENMARK: COASTAL, SETTLE AND LAND-USE CHANGES**  
Hertz, Ejvind (Museum Skanderborg) - Munch Kristiansen, Søren (Geoscience, Aarhus University)
- 10:00 **NIDA COASTAL SITE IN AEOLIAN ENVIRONMENT. NEW RADIOCARBON AND ANTHRACOLOGICAL DATA FOR CHRONOLOGICAL REINTERPRETATION AND ENVIRONMENTAL RECONSTRUCTION**  
Pilkauskas, Mindaugas (Lithuanian Institute of History) - Peseckas, Kęstutis (Nature Research Center)
- 10:15 **INVESTIGATING HUMAN-ENVIRONMENT INTERACTIONS USING ARCHAEOLOGICAL SHELL PROXIES: THE CASE OF THE FRANCHTHI CAVE AND ITS SUBMERGED NEOLITHIC SETTLEMENT**  
Theodoraki, Danaï (Römisch Germanisches Zentralmuseum - RGZM)
- 10:30 **THE MARINE PREHISTORY SAMPLER (MPS), SEARCHING FLINTS IN MOST UNREACHABLE AREA'S**  
Muller, Axel - Waldus, Wouter (ADC archeoprojecten) - Smit, Bjørn (Cultural Heritage Agency)
- 10:45 DISCUSSION SLOT
- 11:00 **WASHED AWAY – THE IMPACT OF STORMS DURING THE LATE LITTORINA TRANSGRESSION PHASE ON PALAEO TOPOGRAPHY AND ARCHAEOLOGICAL SITES**  
Enzmann, Jonas (Lower Saxony Institute for Historical Coastal Research)
- 11:15 **MAPPING THE CHANGING COASTLINE OF THE SWEDISH VIKING AGE SITE OF BIRKA THROUGH HIGH-RESOLUTION ARCHAEOLOGICAL PROSPECTION**  
Trinks, Immo (Vienna Institute for Archaeological Science, University of Vienna; Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna) - Wallner, Mario (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna) - Nau, Erich (Norsk institutt for kulturminneforskning, Oslo) - Löcker, Klaus (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna; Zentralanstalt für Meteorologie und Geodynamik, Vienna) - Doneus, Michael (Department of Prehistory and Historical Archaeology, University of Vienna; Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna) - Gabler, Manuel (Norsk institutt for kulturminneforskning, Oslo) - Hinterleitner, Alois (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna; Zentralanstalt für Meteorologie und Geodynamik, Vienna) - Verhoeven, Geert - Klimczyk-Lugmayr, Agata (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna) - Neubauer, Wolfgang (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology, Vienna; Vienna Institute for Archaeological Science, University of Vienna)
- 11:30 **DETECTION, VISUALIZATION AND ANALYSIS OF PALAEO-BEACHES FOR HIGH-RESOLUTION CHRONOLOGICAL AND SPATIAL ARCHAEOLOGICAL INVESTIGATIONS – GEOPHYSICAL CASE STUDIES FROM NORWAY**  
Stamnes, Arne (NTNU University Museum, Department of Archaeology and Cultural History) - Kristiansen, Søren (Department of Geoscience, Aarhus University)
- 11:45 **DESTROYED IN 1362 AND CONSERVED UNDER SEDIMENTS: INTERDISCIPLINARY INVESTIGATION OF SUNKEN MEDIEVAL SETTLEMENTS IN THE WADDEN SEA (NORTH FRISIA, GERMANY)**  
Majchczack, Bente (Christian-Albrechts-Universität zu Kiel; ROOTS Cluster of Excellence) - Blankenfeldt, Ruth (Zentrum für Baltische und Skandinavische Archäologie) - Hadler, Hanna (Johannes-Gutenberg-Universität Mainz) - Kloß, Stefanie (Archäologisches Landesamt Schleswig-Holstein) - Wilken, Dennis (Christian-Albrechts-Universität zu Kiel)
- 12:00 **NURAGIC NAVIGATION AND LANDING POINTS: THE COAST OF TERTENIA (CENTRAL EASTERN SARDINIA)**  
Lopez, Giuseppa (freelance archaeologist)



- 12:15 **THE EVER CHANGING OLÉRON (FRANCE): A CHALLENGING PUZZLE FOR COASTAL ARCHAEOLOGISTS**  
Save, Sabrina (Amélie SARL) - Soler, Ludovic (Service archéologique départemental de Charente-Maritime; UMR 6566 PACEA) - Gandois, Henri (UMR 8215 Trajectoires; UMR 6566 CReAAH)
- 12:30 **ENVIRONMENT AND SETTLEMENT IN A LONG TERM PERSPECTIVE: VIK, ØRLAND, CENTRAL NORWAY 600 BC – AD 1250**  
Ystgaard, Ingrid (NTNU University Museum; Department of Historic and Classical Studies, NTNU) - Gran, Mag- nar (NTNU University Museum)
- 12:45 **DISCUSSION SLOT**
- 14:30 **EUROPE'S COASTS IN HIGH-DEFINITION BY CROSS-BORDER RESIDUAL RELIEF MODELING: THE NORTH SEA AND THE BALTIC SEA AS EXAMPLES**  
Kristiansen, Søren (Department of Geoscience, Aarhus University; Center of Urban Network Evolution - Urb- Net, Aarhus University) - Stott, David (Moesgaard Museum, Højbjerg) - Maring, Peter (School of Culture and Society, Aarhus University)
- 14:45 **MAPPING PALAEO-SHORELINE IN THE PREHISTORY OF THE IBERIAN PENINSULA FOR THE ANALYSIS OF SETTLEMENT PATTERNS**  
Mejías-García, Juan Carlos - Fraile-Jurado, Pablo (University of Seville)
- 15:00 **CHANGING MINDS, CHANGING COASTS**  
Hutchinson, Oliver - Newman, Danielle - Northall, Lawrence (CITIZAN / MOLA)
- 15:15 **ASSESSING THE METHOD OF DATING STONE AGE SITES WITH REFERENCE TO RELATIVE SEA-LEVEL CHANGE IN SOUTH-EASTERN NORWAY**  
Roalkvam, Isak (University of Oslo)
- 15:30 **IMPACT OF HOLOCENE COASTAL CHANGES ON PAST HUMAN COMMUNITIES: RESULTS FROM AN INTERDISCIPLINARY APPROACH IN THE GIRONDE ESTUARY MOUTH**  
Culioli, Camille (Université Bordeaux Montaigne; Laboratoire AUSONIUS; Sorbonne Université Paris) - Stéphan, Pierre (Laboratoire LETG; Université de Bretagne Occidentale) - Verdin, Florence (Laboratoire Ausonius; Uni- versité Bordeaux Montaigne) - Bertrand, Frédéric - Arnaud-Fassetta, Gilles (Laboratoire PRODIG; Université de Paris) - Coutelier, Clément (Laboratoire AUSONIUS; Université Bordeaux Montaigne) - Eynaud, Frédérique (Laboratoire EPOC; Université de Bordeaux) - López-Romero, Elias (Universidad Complutense Madrid) - Suan- ez, Serge (Laboratoire LETG; Université de Bretagne Occidentale)
- 15:45 **NATURE VS. NURTURE: THE SUBMERGED PALEO-LANDSCAPES AND LATE NEOLITHIC PILE-DWELLING IN ZAMBRATIJA BAY (CROATIA)**  
Jerbic, Katarina (Flinders University, Adelaide)
- 16:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **INTENSIVE SYSTEMATIC SURVEYS OF PALAEOSPITS IN THE NARVA-LUGA KLINT BAY AREA: ANALYSIS OF METHODOLOGY AND RESULTS**  
Gerasimov, Dmitriy (Peter the Great Museum of Anthropology and Ethnography, Rus.Acad.Sci.) - Kholkina, Margarita (Saint-Petersburg State University; Russian Geological Research Institute - VSEGEI) - Muravev, Roman (Saint-Petersburg State University) - Danilov, Gleb (Peter the Great Museum of Anthropology and Eth- nography, Rus.Acad.Sci.) - Kriiska, Aivar (Tartu University) - Nordqvist, Kerkko (Helsinki University)
- B. **THE IMPACT OF SHORELINE CHANGES OVER MESOLITHIC POPULATIONS OF WESTERN IBERIA (11500 TO 7000 CAL BP)**  
Araújo, Ana Cristina (DGPC- Archaeosciences Laboratory, Lisboa; Research Centre in Biodiversity and Genet- ic Resources, CIBIO-InBIO; UNIARQ, Centre for Archaeology, University of Lisbon) - Costa, Ana Maria (DGPC- Archaeosciences Laboratory, Lisboa; Research Centre in Biodiversity and Genetic Resources, CIBIO-InBIO; IDL, Instituto Dom Luiz) - Costas, Susana (Center for Marine and Environmental Research - CIMA, Universi- dade do Algarve, Faro) - Naughton, Filipa (IPMA: Instituto Português do Mar e da Atmosfera, Lisboa)

- C. **PREHISTORIC HUMAN-ENVIRONMENT INTERACTIONS IN THE LINCOLNSHIRE FENLANDS: A GEOARCHAEOLOGICAL INVESTIGATION OF WILLOW TREE FEN**  
Derrett, Sally (Department of Archaeology, The University of Sheffield)

## 153 **ARCHAEOLOGY IN THE DIGITOCENE AGE: DISCUSSING CRITICAL APPROACHES, ONTO-ETHICS, AND POLICIES OF DIGITAL PRACTICES**

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Hanus, Kasper Jan (TBD) - Stobiecka, Monika (University of Warsaw) - Johnson, Tyler (University of Michigan)

#### ABSTRACTS

- 14:30 **DIGITAL SUSTAINABILITY: WHAT HAPPENS WHEN WE DIGITIZE EVERYTHING?**  
Stobiecka, Monika (University of Warsaw)
- 14:45 **DIGITAL STRATEGIES FOR A MORE ACCESSIBLE ARCHAEOLOGICAL FUTURE: DISCUSSION AND EXAMPLES BETWEEN THEORY AND PRACTICE**  
Johnson, Tyler (University of Michigan)
- 15:00 **OUT OF THE FETISHISTIC FRAMEWORK: DIGITAL CRITICAL THEORY FOR DIGITAL ARCHAEOLOGY**  
Vaquero, Pablo (University of Glasgow; University of Granada)
- 15:15 **THE POTENTIAL AND LIMITATIONS OF BIBLIOMETRIC BIG DATA FOR THE ANALYSIS, VISUALISATION AND UNDERSTANDING OF ARCHAEOLOGICAL RESEARCH**  
Sinclair, Anthony (University of Liverpool)
- 15:30 **DIGITISATION DRIVEN BY TRADITION – AN ARCHITECTURAL VIEW UPON ARCHAEOLOGY**  
Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 15:45 **INTERPRETING THE PAST – HOW ESTHETICS DESTROY THE PAST**  
Tomczak, Sonia (Nicolaus Copernicus University)
- 16:00 **DISCUSSION SLOT**
- 16:15 **ONE DOES NOT SIMPLY LOOK AT SATELLITE IMAGERY. INTERPRETING REMOTE SENSING DATASETS WITH ENHANCED ANALYTICAL TOOLS**  
Hanus, Kasper Jan (TBD)
- 16:30 **MULTIMODAL APPROACHES TO THE PRESENTATION OF 3D AND SPATIAL DATASETS FOR SCHOLARLY AND PUBLIC INTERPRETATION**  
Naglak, Matthew (Boston College) - Araújo, Nina (Northeastern University) - FitzGibbon, John (Boston Col- lege) - Kim, Min Jung (Lynch School of Education & Human Development, Boston College)
- 16:45 **BEYOND THE VISIBLE. LANDSCAPE EXPLORATION OF THE DEWIL VALLEY (PHILIPPINES)**  
Kowalczyk, Zuzanna (Adam Mickiewicz University, Poznan)
- 17:00 **THINKING THROUGH THE TOOL: ARCHAEOLOGICAL BODY-WORK IN IMMERSIVE VIRTUAL REALITY**  
Morrow, Giles - Wernke, Steven (Vanderbilt University)
- 17:15 **ARCHAEOLOGY REDESIGNED AS A PEER-TO-PEER PLATFORM**  
Wilkins, Brendon (DigVentures; University of Leicester)
- 17:30 **DISCUSSION SLOT**

## POSTERS:

- A. **MAPPING THE EVOLUTION OF AN ARCHAEOLOGICAL EXCAVATION IN THE DIGITAL ERA. A CASE STUDY OF SULTANA-MALU ROȘU**  
Frujina, Ovidiu - Covataru, Cristina - Lazar, Catalin (Universitatea din Bucuresti)

## 164 CONSTRUCTIVE CONSERVATION: MAKING MONUMENTS USEFUL

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Darvill, Timothy (Bournemouth University) - Sutton, Robert (Cotswold Archaeology) - Hüglin, Sophie (University of Basel)

## ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **CONSERVATION IN PERSPECTIVE**  
Darvill, Timothy (Bournemouth University)
- 15:00 **THIS PARK IS YOUR PARK, THIS PARK IS MY PARK, .. THE STORY OF THE LVR-ARCHAEOLOGICAL PARK AT XANTEN (GERMANY)**  
Kienzle, Peter (LVR-Archaeological Park at Xanten)
- 15:15 **CONFLICT NARRATIVES: THE POLITICS OF CULTURAL HERITAGE MANAGEMENT IN POST-WAR SYRIA**  
Munawar, Nour A. - Symonds, James (University of Amsterdam - UvA)
- 15:30 **DE-CONSTRUCTIVE CONVERSATIONS: THE MAKING OF USEFUL MONUMENTS**  
Sutton, Robert (Cotswold Archaeology)
- 15:45 **DEAD MONUMENTS OR LIVING PLACES**  
Redfern, Neil (Council for British Archaeology) - Emerick, Keith (Historic England)
- 16:00 **DISCUSSION SLOT**
- 16:15 **THE HIGH STREET IS DEAD; LONG LIVE THE HIGH STREET: FINDING NEW USES FOR HISTORIC RETAIL SPACES**  
Hunter, Sacha (Cotswold Archaeology)
- 16:30 **REVIVING THE HEART OF THE CITY. ARCHAEOLOGICAL AND CONSERVATION WORKS AT THE OLD COURT PALACE IN BUCHAREST**  
Theodor Aurelian, Ignat - Majuru, Adrian - Clesiu, Sorin - Pirvulescu, Dan - Opris, Vasile (Bucharest Municipality Museum) - Capatana, Mircea (Polarh Design)
- 16:45 **THE ROMAN AMPHITHEATER OF BURNUM (CROATIA): DIGITAL SURVEY AND 3D MODELING FOR THE STUDY, KNOWLEDGE AND DISSEMINATION OF CULTURAL HERITAGE**  
Campedelli, Alessandro (University of Bologna) - Zaninovic, Josko (National Park Krka)
- 17:00 **DEVELOPMENT OF THE ARCHAEOLOGICAL LANDSCAPE „OLDENDORFER TOTENSTATT”**  
Menne, Julia (University Hamburg, Institute of Pre- and Protohistoric Archaeology)
- 17:15 **DISCUSSION SLOT**

## 219 THE HISTORICAL ECOLOGY OF RECLAMATION LANDSCAPES: TOWARDS A CROSS-CULTURAL COMPARATIVE PERSPECTIVE

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Haas, Tymon (Leiden University) - Schepers, Mans (University of Groningen) - Walsh, Kevin (University of York) - Gardner, Tom (Historic Environment Scotland) - Stratigos, Michael (Leverhulme Centre for Anthropocene Biodiversity, University of York)

## ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **THE IMPACT OF RECLAMATION ACTIVITIES ON LANDSCAPES: A CONCEPTUAL FRAMEWORK**  
Schepers, Mans (Groningen University) - De Haas, Tymon (Leiden University)
- 15:00 **BALANCING HABITAT AND HERITAGE: ISSUES AND OPPORTUNITIES IN WETLAND AND PEATLAND RESTORATION FOR POLICYMAKERS ACROSS THE UK AND IRELAND**  
Gardner, Tom (Historic Environment Scotland; University of Edinburgh) - Davies, Mairi (Historic Environment Scotland) - Ward, Kara (Heritage Advice and Regulation Branch, Department of Communities, Northern Ireland Government) - Hazell, Zoe (Historic England) - Grant, Fiona (CADW)
- 15:15 **INTEGRATED APPROACHES TO UNDERSTANDING COMPLEX LONG-TERM RECLAMATION PROCESSES IN THE HINTERLAND OF RAVENNA**  
Abballe, Michele (Ghent University; University of Verona) - Cavalazzi, Marco (University of Bologna) - Fiorotto, Celeste (University of Verona; Ghent University)
- 15:30 **DISCUSSION SLOT**
- 15:45 **WETLAND RECLAMATION STRATEGIES AND LONG-TERM LANDSCAPE DEVELOPMENT: SOME OBSERVATIONS FROM MEDIEVAL AND ROMAN CONTEXTS**  
Haas, Tymon (Leiden University) - Schepers, Mans (Rijksuniversiteit Groningen)
- 16:00 **SHIFTING ECOLOGIES OF A RECLAIMED WETLAND LANDSCAPE IN SOUTHERN ALBANIA**  
Allen, Susan (University of Cincinnati)
- 16:15 **WHAT WETLAND ARE WE PROTECTING AND RESTORING? QUANTIFYING THE HUMAN CREATION OF DESIGNATED WETLANDS IN SCOTLAND**  
Stratigos, Michael (Leverhulme Centre for Anthropocene Biodiversity)
- 16:30 **DISCUSSION SLOT**

## 221 CONNECTING PREHISTORIC ANATOLIA AND EUROPE THROUGH FOODWAYS

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Dietrich, Laura (Deutsches Archäologisches Institut, Berlin) - Galik, Alfred (Österreichisches Archäologisches Institut, Wien) - Çilingiroğlu, Çiler (Ege Üniversitesi, İzmir)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 NEOLITHIC FOOD PRACTICES AT THE SITE OF GÖBEKLI TEPE AND BEYOND FROM THE SURFACE DEFORMATIONS OF THE GRINDING STONES  
Dietrich, Laura (Orient Department of the German Archaeological Institute)
- 9:30 MULTIPLE ISOTOPIC AND ADNA ANALYSES OF NEVALI ÇORI SHED LIGHT ON A SOCIO-SECTION OF ANCIENT SOUTHEAST ANATOLIA  
Wang, Xiaoran (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich) - Skourtanioti, Eirini (Department of Archaeogenetics, Max Planck Institute for the Science of Human History) - Pöllath, Nadja - Peters, Joris (Department of Veterinary Sciences, Institute of Palaeoanatomy, Domestication Research and the History of Veterinary Medicine, Ludwig Maximilian University Munich; Bavarian State Collection of Anthropology and Palaeoanatomy) - Schultz, Michael (Department of Anatomy, University of Göttingen) - Roberts, Patrick (Department of Archaeology, Max Planck Institute for the Science of Human History) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Faculty of Biological Sciences, Friedrich Schiller University) - Stockhammer, Philipp (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich)
- 9:45 DISCUSSION SLOT
- 10:00 NEOLITHIC CULINARY TRADITIONS AND CUISINE IN ANATOLIA: LATEST RESULTS FROM ÇATALHÖYÜK  
González Carretero, Lara (The British Museum; Museum of London Archaeology - MOLA)
- 10:15 ANIMAL FOODWAYS IN LATE NEOLITHIC ÇATALHÖYÜK: INTEGRATING SPATIAL, POTTERY, AND FAUNAL DATA  
Pyzel, Joanna (University of Gdansk) - Pawłowska, Kamilla (Adam Mickiewicz University in Poznań) - Barański, Marek (Academy of Fine Arts in Gdańsk)
- 10:30 CULINARY PRACTICES AS A MATTER OF SCALE: CALCITIC DEPOSITS ON POTTERY IN PREHISTORIC ANATOLIA AND EUROPE  
Rosenstock, Eva (Freie Universität Berlin, Einstein Center Chronoi) - Hendy, Jessica (BioArCh, University of York)
- 10:45 DISCUSSION SLOT
- 11:00 NEOLITHIC FOOD-WAYS AND SUBSISTENCE IN NORTHWESTERN AND WESTERN ANATOLIA  
Galik, Alfred (Austrian Archaeological Institute)
- 11:15 BRIDGING NEOLITHIC TURKEY, GREECE AND BULGARIA THROUGH FOODWAYS: INTEGRATED ZOOARCHAEOLOGICAL AND ISOTOPE DATA  
Cakirlar, Canan - Kamjan, Safoora (University of Groningen) - de Groene, Donna (University of Reading)
- 11:30 THE NEXT MEAL: STORAGE PRACTICES IN NEOLITHIC ANATOLIA AND SOUTHEAST EUROPE  
Cilingiroglu, Ciler (Ege University)
- 11:45 DISCUSSION SLOT

- 12:00 FOODWAYS DURING THE NEOLITHIC PERIOD OF NORTHERN GREECE  
Lymperaki, Marianna - Kotsou, Dushka (Democritus University of Thrace) - Kotsos, Stavros - Metoki, Areti (Ephorate of Antiquities of Kozani)
- 12:15 WHEN THE 'PACKAGE' HIT THE MOUNTAINS: THE EMERGENCE OF NEOLITHIC FOODWAYS IN THE CENTRAL BALKAN HIGHLANDS  
Filipovic, Dragana (Institute for Pre- and Protohistory, Christian Albrecht University, Kiel) - Bulatović, Jelena (Laboratory for Bioarchaeology, Faculty of Philosophy, Belgrade) - Burke, Clare (Austrian Archaeological Institute, Department of Prehistory and WANA Archaeology, Austrian Academy of Sciences, Vienna) - Milić, Bogdana (Archaeology and History of Art Department, Koç University, Istanbul) - Horejs, Barbara (Austrian Archaeological Institute, Department of Prehistory and WANA Archaeology, Austrian Academy of Sciences, Vienna)
- 12:30 DISCUSSION SLOT

## 273 TOWARDS AN INTERNATIONAL ARCHAEOLOGY OF FORTIFICATIONS: METHODOLOGIES AND INTERPRETATIONS

Time: 9:00 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Schneeweiss, Jens (University of Kiel, ROOTS Cluster of Excellence; Centre for Baltic and Scandinavian Archaeology; University of Göttingen) - Ibsen, Timo (Centre for Baltic and Scandinavian Archaeology) - Ballmer, Ariane (University of Bern, Institute of Archaeological Sciences and Oeschger Centre for Climate Change Research - OCCR) - Maixner, Birgit (NTNU University Museum Trondheim, Department of Archaeology and Cultural History) - Fernández-Götz, Manuel (University of Edinburgh, School of History, Classics and Archaeology)

Session related to the EAA Community on Fortification Research (COMFORT).

### ABSTRACTS

- 9:00 INTRODUCTION
- [Construction and Shape](#)
- 9:15 COMPARATIVE TRIALS IN FINDING THE BLUEPRINTS FOR EARLY AEGEAN FORTIFICATIONS  
Turner, Daniel (Leiden University) - Prent, Mieke (Vrije Universiteit Amsterdam) - Thorne, Stuart (Netherlands Institute at Athens) - Brysbaert, Ann (Leiden University)
- 9:30 MEASURING AND RECONSTRUCTING IRON AGE AND EARLY MEDIEVAL HILLFORTS ON THE MOSKVA RIVER  
Chaukin, Sergey (Institute of Archaeology Russian Academy of Sciences)
- 9:45 BEYOND THE MILLENNIUM RESEARCH PROJECT. EARLY MEDIEVAL HILLFORTS IN EAST CENTRAL POLAND - CURRENT STATE OF RESEARCH APPROACHES  
Dzienkowski, Tomasz (Institute of Archaeology Maria Curie-Skłodowska University in Lublin) - Wołoszyn, Marcin (Institute of Archaeology University of Rzeszów; Leibniz Institute for the History and Culture of Eastern Europe - GWZO) - Florkiewicz, Iwona (Institute of Archaeology University of Rzeszów)
- 10:00 THE HILLFORT BROBORG NEAR UPPSALA IN SWEDEN - A TIME CAPSULE UNVEILING HOW IT BECAME VITRIFIED  
Sjöblom, Rolf (Tekedo AB; Luleå University of Technology) - Ogenhall, Erik - Hjärthner-Holdar, Eva (The Archaeologists in Uppsala) - Pearce, Carolyn (Pacific Northwest National Laboratory, Richland) - Schweiger, Michael (Contractor with U. S. Department of Energy, Richland) - Marcial, José (Pacific Northwest National Laboratory, Richland) - Weaver, Jamie (National Institute of Standards and Technology, Gaithersburg) - McCloy, John (Washington State University, Pullman) - Vicenzi, Edward (Museum Conservation Institute, Smithsonian Institution, Suitland) - Kruger, Albert (U S Department of Energy, Office of River Protection, Richland)
- 10:15 REVISION OF KNOWLEDGE ABOUT THE CENTRAL FORTIFICATION AT STARÁ KOUŘIM  
Dvoráček, Daniel (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

- 10:30 **WHO INVENTED RUSSIAN WOODEN FORTRESSES?**  
Koval, Vladimir (Institute of Archaeology RAS)
- 10:45 **DISCUSSION SLOT**
- Function and Societal aspects**
- 11:15 **FORTIFY TO DEVELOP CONTACTS? ZOOMING INTO THE LATE BRONZE AGE ECONOMIC LANDSCAPES OF FORTIFIED SETTLEMENTS IN THE EASTERN BALTIC**  
Podenas, Vytenis - Minkevičius, Karolis - Piličiauskienė, Giedrė - Micelicaite, Viktorija - Čivilytė, Agnė (Lithuanian Institute of History)
- 11:30 **LABOUR COST OF THE HALLSTATTIAN HEUNEURG FORTIFICATIONS**  
REMISE, François (EPHE)
- 11:45 **DIFFERENT SOLUTIONS FOR DIFFERENT NEEDS: EXAMINING SIMILARITIES AND DIFFERENCES IN THE FORTIFICATIONS OF NORTH-EASTERN IBERIA (4TH-3RD CENTURIES BC)**  
Cuscó Badia, Oriol (Institut Català d'Arqueologia Clàssica)
- 12:00 **UNDERSTANDING A MOUNTAIN SOCIETY THROUGH HILLFORTS: THE SAMNITE CASE**  
Fontana, Giacomo (University College London)
- 12:15 **A FORTIFICATION IS SELDOM FOUND ALONE. COMPLEX APPROACH TO FORTIFIED SITES AS PARTS OF A SYSTEM**  
Schneeweiss, Jens (University of Kiel, Centre for Baltic and Scandinavian Archaeology; Cluster of Excellence ROOTS; University of Göttingen)
- 12:30 **HILLFORTS AND SPATIAL ORDER: LEARNING TO LIVE WELL TOGETHER**  
Davis, Oliver (Cardiff University)
- 12:45 **DISCUSSION SLOT**

#### Conflict and Warfare

- 14:30 **EARLY AND MIDDLE BRONZE AGE FORTIFICATIONS IN THE SUB-CARPATHIAN AREA OF MOLDAVIA (EASTERN ROMANIA)**  
Vasile, Diaconu (Neamț County Complex Museum)
- 14:45 **BORDERS AND CONFLUENCES: SEEING THE BIG PICTURE AT A SMALL SCALE**  
Belford, Paul (Clwyd-Powys Archaeological Trust)
- 15:00 **THE RE-INHABITATION OF THE PREHISTORIC HILLFORTS IN THE PROVINCE OF DARDANIA**  
Rama, Zana (Archaeological Institute of Kosovo)
- 15:15 **ARCHAEOLOGICAL TRACES OF THE ASSAULTS OF EAST SLAVIC HILLFORTS OF THE OLD RUSIAN STATE FORMATION EPOCH**  
Plavinski, Mikalai (Belarusian State University)
- 15:30 **FORTIFICATIONS AND MILITARY THEORETICAL APPROACHES. OR: HOW CARL VON CLAUSEWITZ MAY HELP WITH THE INTERPRETATION OF EARLY MEDIEVAL FORTRESSES**  
Lemm, Thorsten (Centre for Baltic and Scandinavian Archaeology)
- 15:45 **THE FIRST MEDIEVAL FORTIFICATION IN COPENHAGEN? NEW INFORMATION ABOUT OLD QUESTIONS REVEALED AT GAMMELTORV 24**  
Borgius, Andréa (Museum of Copenhagen)
- 16:00 **FORTRESS RESEARCH AT KIEL FJORD. AN ARCHAEOLOGICAL APPROACH TOWARDS FORTIFICATIONS OF THE MODERN AGE**  
Pohl, Per-Ole (University of Kiel, ROOTS Cluster of Excellence)
- 16:15 **DISCUSSION SLOT**

#### Theory and Research history

- 16:30 **HISTORY OF HILLFORT RESEARCH IN LATVIA: DEVELOPMENT OF METHODS AND INTERPRETATIONS**  
Visocka, Vanda (University of Latvia)
- 16:45 **DATING HILLFORTS THROUGHOUT TIME – CASE STUDIES FROM EASTERN PRUSSIA**  
Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie)
- 17:00 **EARLY IRON AGE FORTIFICATIONS IN CENTRAL EUROPE: NEW RESEARCH TRENDS AND RESULTS**  
Ballmer, Ariane (University of Bern, Institute of Archaeological Sciences & Oeschger Centre for Climate Change Research) - Fernández-Götz, Manuel (University of Edinburgh, School of History, Classics and Archaeology)
- 17:15 **ALL AT SEA: WHAT IF PROTOHISTORICAL HILLFORTS FROM THE CHANNEL-ATLANTIC SEABOARD WERE OVER-INTERPRETED AT THE EXPENSE OF THE HINTERLAND?**  
Duval, Hervé (CReAAH)
- 17:30 **MEDIEVAL FORTRESSES IN UKRAINE: DIRECTIONS OF STUDY**  
Manigda, Olga (National Academy of Sciences of Ukraine)
- 17:45 **EARLY MEDIEVAL HILLFORTS IN CENTRAL POLAND. THE STATE OF RESEARCH AND WHAT NEXT?**  
Sikora, Jerzy (Institute of Archaeology University of Lodz)
- 18:00 **DISCUSSION SLOT**

## 276 **CROSSED APPROACHES TO TRANSITIONS IN THE NEOLITHIC: UNDERSTANDING SOCIAL MECHANISMS UNDERLYING MATERIAL CULTURE TRANSFORMATION USING THE CONCEPT OF CHAÎNE OPÉRATEIRE**

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Denis, Solène (Masaryk University; PaTHs Unamur; UMR 7055) - Gomart, Louise (CNRS, UMR 8215) - Tóth, Peter (Masaryk University)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **DYNAMICS OF CULTURAL CHANGES IN THE NEOLITHIC OF THE FOREST-STEPPE VOLGA REGION (EASTERN EUROPE)**  
Andreev, Konstantin (Samara State University of Social Sciences and Education)
- 9:30 **TRACING THE NEOLITHIC TRANSITION THROUGH THE FIRST POTTERY (NEOPOT)**  
Tóth, Peter - Petřík, Jan (Masaryk University) - Bickle, Penny (University of York) - Petr, Libor - Slavíček, Karel - Adameková, Katarína (Masaryk University) - Pokutta, Dalia (Masaryk University; University of Stockholm)
- 9:45 **CULTURAL TRANSITION OR RUPTURE WITHIN EARLY NEOLITHIC TOOLKITS: THE CASE OF LBK GRINDING TOOLS**  
Hamon, Caroline (CNRS)
- 10:00 **DISCUSSION SLOT**
- 10:15 **TRANSFORMATION OF A NEOLITHIC SETTLEMENT ON THE EXAMPLE OF THE RECONSTRUCTION OF POSSIBLE HOUSEHOLDS ON THE SITE OF HULÍN-PRÁVČICE**  
Kalabková, Pavlína (Palacký University Olomouc)
- 10:30 **ATH “ LES HALEURS “, TWO VILLAGES LBK AND BLICQUY/VILLENEUVE-SAINT-GERMAIN: SEARCH FOR TRANSITION MECHANISMS THROUGH THE INTEGRATED STUDY OF PRODUCTIONS**  
Denis, Solène (Masaryk University; UMR 7055) - Deramaix, Isabelle (Agence wallonne du Patrimoine) - Cayol, Nicolas (INRAP; UMR 8215) - Gehres, Benjamin (UMR 6566 CReAAH) - Goemaere, Éric (Royal Belgian Institute

of Natural Sciences) - Gomart, Louise - Hamon, Caroline (CNRS, UMR 8215) - Jadin, Ivan (Royal Belgian Institute of Natural Sciences) - Teetaert, Dimitri (Ghent University, Department of Archaeology, Pre-and Protohistory of Europe) - Zeebroek, Martin (RPA)

- 10:45** **EXPLORING THE SOCIAL CONDITIONS OF THE LBK/POST-LBK TRANSITION IN EASTERN BELGIUM THROUGH THE INTERGENERATIONAL TRANSMISSION OF CERAMIC AND LITHIC KNOW-HOWS**  
Gomart, Louise (French National Centre for Scientific Research) - Denis, Solène (Masaryk University, Department of Archaeology and Museology; Université de Namur, Laboratoire Interuniversitaire d'Anthropologie des TECHniques LIATEC)
- 11:00** **DISCUSSION SLOT**
- 11:15** **FARMER-FORAGER INTERACTIONS AND THE NEOLITHIC TRANSITION IN NORTHERN BELGIUM: RESULTS OF AN INTEGRATED STUDY OF HUNTER-GATHERER POTTERY AND LITHIC MATERIAL**  
Teetaert, Dimitri - Messiaen, Liesbeth - Halbrucker, Éva - Crombé, Philippe (Ghent University, Department of Archaeology)
- 11:30** **NEOLITHIC TRANSITION IN THE EASTERN ADRIATIC: NETWORKS, CULTURAL TRADITIONS AND TECHNOLOGICAL TRANSMISSIONS**  
Kacar, Sonja (TRACES, UMR-5608 University of Toulouse)
- 11:45** **TOWARDS A MULTI-PROXIES ANALYSIS OF TECHNICAL BEHAVIOUR IN THE EARLY NEOLITHIC PERIOD IN THE RHÔNE VALLEY**  
Caro, Joséphine - Defranould, Elsa (UMR 5608 Traces) - Convertini, Fabien (UMR 5140 ASM; INRAP) - Manen, Claire - Perrin, Thomas (UMR 5608 Traces; CNRS) - Beeching, Alain (UMR 5133 Archéorient)
- 12:00** **DISCUSSION SLOT**

## **278 SYSTEMIC APPROACHES TO AGRICULTURAL AND LAND USE CHANGE IN PREHISTORIC SOCIETIES. PART 1**

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Antolin, Ferran (Integrative Prehistory and Archaeological Science - IPNA/IPAS, University of Basel; Department of Natural Sciences, German Archaeological Institute) - Whitehouse, Nicki (Archaeology, School of Humanities, University of Glasgow; School of Geography, Earth and Environmental Sciences, Plymouth University)

### **ABSTRACTS**

- 14:30** **INTRODUCTION**
- 14:45** **DEVELOPMENTS IN EARLY NEOLITHIC PLANT MANAGEMENT PRACTICES DURING THE EMERGENCE OF HOUSEHOLD-BASED FARMING COMMUNITIES IN SOUTHWEST ASIA**  
Weide, Alexander (School of Archaeology, University of Oxford) - Hodgson, John (Department of Archaeology, University of Sheffield) - Dovrat, Guy (Department of Natural Resources, Agricultural Research Organization, Israel) - Bogaard, Amy (School of Archaeology, University of Oxford)
- 15:00** **NEW INSIGHTS ON THE IDENTITY AND DOMESTICATION-STATUS OF 'NEW GLUME WHEAT' IN THE CONTEXT OF BROAD-SPECTRUM SUBSISTENCE AT NEOLITHIC ÇATALHÖYÜK**  
Roushannafas, Tina - Bogaard, Amy - Charles, Michael (University of Oxford)
- 15:15** **LANDUSE AND AGRO-PASTORAL PRACTICES FROM A HOUSEHOLD PERSPECTIVE: A MULTI-PROXY BIOARCHAEOLOGICAL STUDY OF AN EARLY NEOLITHIC ASSEMBLAGE FROM SLATINA (BULGARIA)**  
Ivanova, Maria (University of Vienna) - Takorova, Desislava (National Institute of Archaeology, Bulgarian Academy of Sciences) - Gorczyk, John (Cornell University) - Blanz, Magdalena (University of Vienna) - Casanova, Emmanuelle - Evershed, Richard (University of Bristol) - Marinova, Elena (State Office for Cultural Heritage Baden-Württemberg) - Nikolov, Vassil (National Institute of Archaeology, Bulgarian Academy of Sciences)

- 15:30** **A CHANGE IS GONNA COME: TOWARDS A MULTIPROXY APPROACH TO AGRICULTURAL PRACTICES IN THE NORTHWEST MEDITERRANEAN REGION AROUND 4000 BC**  
Antolin, Ferran (Deutsches Archäologisches Institut; IPAS, University of Basel) - Häberle, Simone - Jesus, Ana - Martínez-Grau, Héctor (IPAS, University of Basel) - Prats, Georgina (Universitat de Lleida) - Schäfer, Marguerita - Steiner, Bigna (IPAS, University of Basel) - Hajdas, Irka (Laboratory of Ion Beam Physics, ETH) - Jaggi, Madalina - Bernasconi, Stefano (Department of Earth Sciences, ETH)
- 15:45** **DISCUSSION SLOT**
- 16:00** **PER CAPITA LAND USE AND GLOBAL CLIMATE CHANGE MODELS: TRACKING HISTORIC ANTHROPOGENIC LAND USE THROUGH TIME AND SPACE**  
Madella, Marco (ICREA - CaSEs Research Group - Universitat Pompeu Fabra) - Hill, Chad - Morrison, Kathleen (University of Pennsylvania) - Whitehouse, Nicki (University of Glasgow) - Jiménez-Arteaga, Carolina (CaSEs Research Group - Universitat Pompeu Fabra) - Hilpert, Johanna (University of Köln) - Welton, Lyn (University of Toronto) - Biagetti, Stefano (CaSEs Research Group - Universitat Pompeu Fabra) - Bates, Jennifer (University of Pennsylvania) - Kolár, Jan (Czech Academy of Sciences)
- 16:15** **EUROPEAN LAND-USE AT 6000 CAL BP**  
Whitehouse, Nicki (Archaeology, School of Humanities, University of Glasgow; University of Plymouth) - Vander Linden, Marc (IMSET, University of Bournemouth) - Madella, Marco (ICREA - CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Antolin, Ferran (Department of Natural Sciences, German Archaeological Institute, Berlin; Integrative Prehistory and Archaeological Science, University of Basel) - Dreslerová, Dagmar (Dept of Archaeology, University of Prague) - Filipovic, Dragana (Institute for Pre- and Protohistory, Kiel University) - Kolar, Jan (Department of Vegetation Ecology, Institute of Botany of the Czech Academy of Sciences; Institute of Archaeology and Museology, Masaryk University) - Marinova, Elena (Baden-Württemberg State Office for Cultural Heritage, Laboratory for Archaeobotany) - Nowak, Marek (Institute of Archaeology, Jagiellonian University) - Out, Welmoed (Dept of Archaeological Science and Conservation, Moesgaard Museum, Højbjerg)
- 16:30** **COMBINING SETTLEMENT DYNAMICS AND BIOARCHAEOLOGICAL EVIDENCE FOR INFERRING THE IMPACT OF LANDUSE ON THE NEOLITHIC LANDSCAPES IN SOUTHEASTERN EUROPE**  
Marinova, Elena (Laboratory for Archaeobotany, Baden-Württemberg State Office for Cultural Heritage) - Filipović, Dragana (Institute for Pre- and Protohistory, Christian Albrecht University Kiel) - Gorczyk, John (Dept. Anthropology, Cornell University) - Bulatović, Jelena (Laboratory for Bioarchaeology, University of Belgrade) - Vander Linden, Marc (Institute for the Modelling of Socio-Environmental Transitions, Bournemouth University)
- 16:45** **AGRICULTURAL AND LAND-USE MODELS IN SOUTHERN POLAND: NEW ARCHAEOBOTANICAL DATA FROM EARLY AND MIDDLE NEOLITHIC CASE-STUDIES**  
Moskal-del Hoyo, Magdalena - Korczyńska, Marta - Kapcia, Magda (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Nowak, Marek (Institute of Archaeology, Jagiellonian University, Kraków) - Kenig, Robert (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków; Institute of Archaeology, Jagiellonian University, Kraków)
- 17:00** **NEOLITHIC LAND-USE IN THE DUTCH WETLANDS: ESTIMATING LAND-USE IMPLICATIONS OF RESOURCE EXPLOITATION STRATEGIES IN THE MIDDLE SWIFTERBANT CULTURE (4600-3900 BCE)**  
Dusseldorp, Gerrit (Faculty of Archaeology, Leiden University; Palaeo-Research Institute, University of Johannesburg) - Out, Welmoed (Moesgaard Museum, Department of Archaeological Science and Conservation)
- 17:15** **SOCIAL AND ECOLOGICAL CONSEQUENCES OF LAND-USE CHANGE IN NEOLITHIC IRELAND**  
McClatchie, Meriel (University College Dublin) - Whitehouse, Nicki (University of Glasgow)
- 17:30** **BIODIVERSITY AND LAND-USE CHANGE IN THE BRITISH ISLES - A MULTI-PROXY APPROACH TO INTERPRETING HUMAN-ENVIRONMENT INTERACTIONS**  
de Vareilles, Anne (Historic England, Fort Cumberland, Portsmouth) - Woodbridge, Jessie (School of Geography, Earth and Environmental Sciences, University of Plymouth) - Smith, David (Department of Classics, Ancient History & Archaeology, University of Birmingham) - Pelling, Ruth (Historic England, Fort Cumberland, Portsmouth) - Fyfe, Ralph (School of Geography, Earth and Environmental Sciences, University of Plymouth)
- 17:45** **DISCUSSION SLOT**

## 279 LIVING IN THE MOUNTAINS: SETTLEMENT STRATEGIES FROM THE BEGINNING OF THE HOLOCENE TO MODERN TIMES IN SOUTHERN EUROPE. PART 2

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Alliot, Pascal (Department of Antiquity and Middle Age Studies, Autonomous University of Barcelona - UAB) - Stagno, Anna (Laboratory of Environmental Archaeology and History - DAFIST-DISTAV, University of Genoa) - Olesti, Oriol (Department of Antiquity and Middle Age Studies, Autonomous University of Barcelona - UAB) - Gassiot Ballbè, Ermengol (Department of Prehistory, Autonomous University of Barcelona - UAB) - Portillo, Marta (Institució Milà i Fontanals, Spanish National Research Council - CSIC)

### ABSTRACTS

- 9:00 **MOUNTAIN LANDSCAPE ECONOMY. CHARACTERIZATION OF ANCIENT AGRARIAN SPACES IN THE UPPER SEGURA RIVER BASIN**  
González Reyero, Susana - Sánchez-Palencia Ramos, Francisco-Javier (Spanish National Research Council)
- 9:15 **JURISDICTION, LOCAL SOCIETIES AND PRACTICES. A METHODOLOGICAL PERSPECTIVE ON THE ARCHAEOLOGY OF COMMONS IN THE BASQUE COUNTRY**  
Stagno, Anna Maria (University of Genova - DAFIST- Laboratory of Environmental Archaeology and History) - Narbarte, Josu (University of the Basque Country) - Portillo, Marta (CSIC - IMF, Archaeology of Social Dynamics, Barcelona) - Santeramo, Riccardo (University of Genova - DAFIST) - Tejerizo García, Carlos (University of the Basque Country)
- 9:30 **IMPACT OF PASTORALISM ON THE OPENING UP OF THE LANDSCAPES OF THE MERCANTOUR AND CRITICISM OF STRUCTURALIST AND PALEOENVIRONMENTAL PARADIGMS**  
Suméra, Franck (Ministère de la Culture)
- 9:45 **ARCHAEOLOGICAL AND PALAEOENVIRONMENTAL SURVEYS IN JURA MOUNTAIN WOODLANDS: METHODOLOGY AND FIRST RESULTS**  
Chevassu, Valentin - Bichet, Vincent - Richard, Hervé - Gauthier, Emilie (UMR 6249 Chrono-Environnement / Université de Bourgogne-Franche-Comte)
- 10:00 **BIOSTRATIGRAPHIC ANALYSIS FOR THE HISTORY AND CHRONOLOGY OF ENVIRONMENTAL RESOURCES MANAGEMENT. NEW RESULTS FROM LIGURIAN APENNINES (BORZONASCA, GENOVA, N-ITALY)**  
Attolini, Davide - Montanari, Carlo - Stagno, Anna Maria (Laboratory of Environmental Archaeology and History - DAFIST-DISTAV, University of Genova)
- 10:15 **HISTORICAL PERSPECTIVES ON ALPINE IRRIGATION FARMING AND ENVIRONMENTAL RESOURCE MANAGEMENT**  
de Jong, Carmen (University of Strasbourg) - Meier, Thomas (University of Heidelberg)
- 10:30 **DISCUSSION SLOT**
- 10:45 **MOUNTAINS BC/AD. MOUNTAINOUS LANDSCAPES AND ECONOMIC STRATEGIES IN THE CENTRAL-SOUTHERN APENNINES (1000 BC-2021 AD): THE JOVANA VALLEY (ABRUZZO, IT)**  
Del Fattore, Francesca Romana (Università degli Studi Internazionali di Roma)
- 11:00 **ARCHAEOLOGY OF MOUNTAINS VERNACULAR ARCHITECTURE. AN EXAMPLE IN MASSIF CENTRAL, FRANCE: THE FARMHOUSE OF CLASTRE**  
Laffont, Pierre-Yves (Université Rennes 2; UMR 6566 CReAAH)
- 11:15 **SETTLEMENT IN WESTERN MASSIF CENTRAL (FRANCE): THE CASE OF NORTHERN CORRÈZE**  
Pichon, Blaise (Université Clermont Auvergne)
- 11:30 **SHEPHERDS' LIFE THROUGH PASTORAL GRAFFITI ON MOUNT CORNÓN IN THE FIEMME VALLEY (TRENTINO - ITALY)**  
Bazzanella, Marta - Ciela, Marika - Tavella, Andrea (Museo degli Usi e Costumi della Gente Trentina)

## 11:45 LIVING IN THE MOUNTAINS: SETTLEMENT STRATEGIES FROM THE BEGINNING OF THE HOLOCENE TO MODERN TIMES IN SICILY

Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo) - Ollé, Andreu - Messana, Chiara - Allué, Ethel - Expósito, Isabel (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - Martín, Patricia (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art; SERP, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Di Simone, Giovanni (Scuola di Specializzazione in Beni Archeologici "Dinu Adamesteanu" - Università del Salento) - Arnone, Massimo (Geologo) - López-García, Juan Manuel (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Vergès, Josep Maria (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art)

## 12:00 IGLIZ, THE MOUNTAIN OF THE ONE GOD. THE LIVING CONDITIONS OF A MEDIEVAL MOUNTAIN SOCIETY IN THE ANTI-ATLAS RANGE (MOROCCO)

Van Staevel, Jean-Pierre (University Paris 1 Sorbonne; UMR 8167) - Fili, Abdallah (El Jadida University) - Ettahiri, Ahmed S. (INSAP Rabat)

## 12:15 DISCUSSION SLOT

## 281 RESOURCE USE AND RECYCLING IN URBAN ECOLOGIES

Time: 14:30 - 18:00 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Fitton, Tom (Department of Archaeology, University of York) - Bobou, Olympia (Centre for Urban Network Evolutions, Institute for Culture and Society, Aarhus University) - Lisowski, Mik (Department of Archaeology, University of York) - Raja, Rubina (Centre for Urban Network Evolutions, Institute for Culture and Society, Aarhus University) - Wynne-Jones, Stephanie (Department of Archaeology, University of York)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **WHO CONTROLLED RECYCLING? NEW DATA FROM LATE ANTIQUE ROME**  
Bison, Giulia (University of Leicester)
- 15:00 **THE USE OF RECYCLED MATERIALS IN ROMAN VERNACULAR ARCHITECTURE(S): A CASE STUDY FROM THE PORTA STABIA, POMPEII**  
Poehler, Eric (University of Massachusetts Amherst) - Ellis, Steven (University of Cincinnati)
- 15:15 **USE AND RE-USE OF ORGANIC RESOURCES IN LIMITED SPACES - MEDIEVAL WASTE MANAGEMENT IN COPENHAGEN**  
Mayer, Simone - Topcagic, Zenon (Museum of Copenhagen)
- 15:30 **PEACEFUL USE OF DEFENSIVE STRUCTURES - SPACE RECYCLING AND ITS SOCIAL AND ECOLOGICAL ASPECTS ON THE EXAMPLE OF WROCŁAW, POLAND**  
Legut-Pintal, Maria (Institute of Archaeology - University of Wrocław)
- 15:45 **FOOD, FODDER AND... CONSTRUCTION MATERIAL! A CONSIDERATION OF RYE (SECALE CEREALE L.) AS A RESOURCE IN TRADITIONAL HALF-TIMBERED HOUSE CONSTRUCTION**  
Filatova, Sofia - Kirleis, Wiebke (Institute for Prehistoric and Protohistoric Archaeology, Kiel University) - Holtgrewe Stukenbrock, Eva (Max Planck Institute for Evolutionary Biology, Plön; Botanical institute, Kiel University) - Krause-Kyora, Ben (Institute of Clinical Molecular Biology, Kiel University) - Claaßen, Benjamin (Max Planck Institute for Evolutionary Biology, Plön) - Torres, Guillermo (Institute of Clinical Molecular Biology, Kiel University)

- 16:00 **NEO-ASSYRIAN AGROPASTORAL AND FUEL RESOURCE USE AND REUSE AT ZIYARET TEPE, SOUTHEASTERN ANATOLIA**  
Proctor, Lucas (University of Connecticut) - Rosenzweig, Melissa (Northwestern University) - Greenfield, Tina (St. Thomas More College, University of Saskatchewan) - Matney, Timothy (University of Akron)
- 16:15 **DUCKS AND GEESE IN ROMAN BRITAIN: A CASE STUDY FROM LONDON DISCUSSING THE USE OF WILD RESOURCES IN URBAN SETTINGS**  
Poland, Ged (Independent)
- 16:30 **URBAN STRATEGIES AND RESOURCE USE: MARINE AND TERRESTRIAL FOOD RESOURCES IN THE SETTLEMENTS OF MEDIEVAL ZANZIBAR**  
Lisowski, Mik - Alexander, Michelle (BioArCh, University of York) - Fitton, Tom - Wynne-Jones, Stephanie (Department of Archaeology, University of York)
- 16:45 **CRAFT NETWORKS AND SCALAR ECONOMIES IN THE SOUTHERN AFRICAN REGION (900-1600 CE)**  
Moffett, Abigail (University of East Anglia)
- 17:00 DISCUSSION SLOT

## 294 **WIDENING HORIZONS – CONTRIBUTING TO COMMUNITIES IN A POST-COVID-19 WORLD THROUGH INCREASING ACCESS TO ARCHAEOLOGY AND HERITAGE**

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Richardson, Philip (Archaeology Scotland) - Doyle, Ian (The Heritage Council)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **RECHARGING PUBLIC PARTICIPATION IN ARCHAEOLOGY: THE CBA'S RESPONSE TO COVID-19**  
Corkill, Claire - Redfern, Neil (Council for British Archaeology)
- 15:00 **A ROMAN VISITOR CENTRE FOR MENTAL WELLBEING**  
van den Dries, Monique (Faculty of Archaeology, Leiden University) - Hazenberg, Tom (Hazenberg Archeologie)
- 15:15 **COMMUNITY-LED SURVEYS OF IRISH HISTORIC GRAVEYARDS DURING THE COVID-19 PANDEMIC**  
Tierney, John (Eachtra)
- 15:30 **SOFORTILFEPROGRAMM HEIMATMUSEEN – SMALL SCALE INVESTITION IN RURAL COMMUNITIES**  
Civis, Greta (DVA - Deutscher Verband für Archäologie)
- 15:45 **INTERACTING WITH COMMUNITY ARCHAEOLOGY IN A TIME OF PANDEMIC THROUGH VIRTUAL LEARNING ENVIRONMENTS (VLE)**  
Donnelly, Colm (School of Geography, Archaeology and Palaeoecology,) - McDermott, Siobhán - Murphy, Eileen (Queen's University Belfast)
- 16:00 DISCUSSION SLOT
- 16:15 **CREATION OF AN ARCHAEOLOGICAL EXHIBITION IN PANDEMIC TIMES. THE EXAMPLE OF AMAIUR ARCHAEOLOGICAL CENTRE (NAVARRRE, SPAIN)**  
Matelo Mitxelena, Suberri - Errarte Zurutuza, Maite (Aranzadi Science Society)
- 16:30 **COMMUNITY ARCHEOLOGY AND OTHER PARTICIPATORY STRATEGIES DURING PANDEMIC. ADAPTATION AND FUTURE OF THE TERRA LEVIS-MASAV PROJECT, ÁVILA (SPAIN)**  
López García, Juan Pablo (MASAV)

- 16:45 **ARCHAEOLOGY AT THE TRAIN STATION – MAKING A MUSEUM FOR EVERYONE**  
Host-Madsen, Lene (Museum Skanderborg)
- 17:00 **SUSTAINABLE INVESTMENTS FOR MUSEUMS, GALLERIES, AND HERITAGE SITES DUE TO THE CORONA CRISIS**  
Nitzschke, Diana (Deutscher Verband für Archäologie e.V.)
- 17:15 **PURSUIING TRANSCULTURAL HERITAGE IN THE TIME OF COVID: TOWARDS A MORE ACCESSIBLE ARCHAEOLOGY OF EURASIA IN THE PAST AND PRESENT**  
Knutson, Sara Ann (University of California Berkeley; University of Cologne; University of Warsaw)
- 17:30 **(DIS)CONNECTING THROUGH HERITAGE - PERSPECTIVES UPON PRACTICES AIMING FOR SOCIAL COHESION IN NORDIC AND BALTIC MUSEUMS**  
Wollentz, Gustav (The Nordic Centre of Heritage Learning and Creativity)
- 17:45 DISCUSSION SLOT

### POSTERS:

- A. **PARTICIPATORY MUSEUMS: THE STATE OF THE ART OF ITALIAN ARCHAEOLOGICAL MUSEUMS**  
Frascella, Selene (Università Cattolica del Sacro Cuore, Milano)

## 295 **BEYOND THE FAR HORIZON: EVALUATING REGIONAL SURVEY IN THE WESTERN IBERIAN PENINSULA. THE STATE-OF-THE-ART AND FUTURE PROSPECTS**

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: García Sánchez, Jesús (CSIC-Instituto de Arqueología, Mérida) - Devi, Taelman (Ghent University) - Paul S., Johnson (University of Nottingham)

Session related to the EAA Community on Fieldwalking Documentation (FIDO) and Archaeological Prospection Community.

### ABSTRACTS

- 9:00 **BEYOND THE FAR HORIZON: EVALUATING REGIONAL SURVEY IN THE WESTERN IBERIAN PENINSULA**  
Johnson, Paul (University of Nottingham) - Taelman, Devi (Ghent University)
- 9:15 **BEYOND THE PLOUGHED SURFACE: DEALING WITH VISIBILITY AND ACCESSIBILITY BIASES**  
van Leusen, Martijn (Groningen Institute of Archaeology)
- 9:30 **THINKING THROUGH "MARGINAL" LANDSCAPES IN THE MEDITERRANEAN: A CASE STUDY FROM SW TURKEY**  
Vandam, Ralf (KU Leuven; Vrije Universiteit Brussel)
- 9:45 **AN INTERDISCIPLINARY, COMPARATIVE APPROACH TO NON-INVASIVE ARCHAEOLOGY ON THE TIDAL ZONE AND MARSHLANDS OF LACUS LIGUSTINUS. THEORETICAL APPROACH AND METHODS**  
Lagóstena, Lázaro (Universidad de Cádiz) - Aragón Nuñez, Enrique (Flinders University)
- 10:00 **WHEN THE GOING GETS TOUGH: RESOURCE PACKAGES AND SUSTAINABLE LANDSCAPE MANAGEMENT IN SPHAKIA, CRETE**  
Nixon, Lucia (Wolfson College, Oxford)
- 10:15 **UNLOCKING THE LEGACY SURVEY DATA OF ROMAN PORTUGAL**  
Casarotto, Anita (Leiden University; Royal Netherlands Institute in Rome - KNIR)
- 10:30 DISCUSSION SLOT

- 10:45 **RESILIENCE AND ROMANIZATION, UNDERSTANDING THE LATE IRON AGE AND EARLY ROMAN COUNTRYSIDE IN LUSITANIA**  
García Sánchez, Jesús (CSIC-Instituto de Arqueología, Mérida)
- 11:00 **ARCHEOLOGY BETWEEN VINEYARDS. ARCHAEOLOGICAL SURVEYS IN TIERRA DE BARROS (EXTREMADURA, SW OF SPAIN)**  
Pérez-Aguilar, Luis-Gethsemani (Archaeology Institute of Mérida - CSIC) - Gordillo Salguero, David (University of Salamanca)
- 11:15 **THE LANDSCAPE AS A LABORATORY. THE CASE OF CIUITAS IGAEDITANORUM IN THE NORTHERN HINTERLAND OF LUSITANIA**  
Lacerda, Sofia (University of Coimbra; Centre of 20th Century Interdisciplinary Studies)
- 11:30 **A GIS BASED LANDSCAPE STUDY IN LATE IRON AGE BETWEEN THE BASIN OF RIVER LEÇA AND LOWER AVE (NORTHWEST PORTUGAL)**  
Maciel, Sílvia (Independent researcher) - Blanco-Rotea, Rebeca (University of Santiago de Compostela)
- 11:45 **MODELIZATION OF THE ROMAN SETTLEMENT IN NORTH ALENTEJO (PORTUGAL) USING LEGACY DATA, ITINERARIES, SURVEYOR'S LITERATURE AND AGRICULTURAL RESOURCES**  
Trapero Fernández, Pedro (Cádiz University) - Carneiro, André (Évora University)
- 12:00 **A LIMITED HORIZON IN CENTRAL PORTUGAL: AN OVERVIEW AND FUTURE PROSPECTS FOR REGIONAL ARCHAEOLOGICAL SURVEY IN THE REGION OF AVEIRO**  
Vilarinho, Gil (The University of Edinburgh)
- 12:15 DISCUSSION SLOT

### 318 **HOW CAN METAL CORROSION PRODUCTS CONTRIBUTE TO ARCHAEOLOGICAL RESEARCH? - ARCHAOMETALLURGY@EAA, PART 1**

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Rose, Thomas (Department of Bible, Archaeology and the Ancient Near East, Ben Gurion University of the Negev, Beer Sheva; Scienze dell'Antichità, Sapienza - Università di Roma) - van der Stok, Janneke (University of Amsterdam; Metals Inc.) - Peters, Manuel J. H. (Politecnico di Torino; Universidade de Évora)

#### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **CORROSION ON METAL ARTIFACTS: RECENT DEVELOPMENTS AND CHALLENGES**  
Rose, Thomas (Ben-Gurion University of the Negev, Be'er Sheva; Sapienza - University of Rome)
- 15:00 **MULTIPLE-SCAN VOLTAMMETRY: AN ARCHAOMETRIC TOOL FOR DATING ARCHAEOLOGICAL BRONZES**  
Mödlinger, Marianne (University of Genoa) - Doménech-Carbó, Antonio (Universitat de València) - Doménech-Carbó, María Teresa (Universitat Politècnica de València)
- 15:15 **USING IRON CORROSION PRODUCT MULTI-TECHNIQUE ANALYSES TO TRACE THE TEMPERATURE OF ANCIENT FIRES: METHODOLOGY AND APPLICATION TO NOTRE-DAME IN PARIS**  
Neff, Delphine (CEA) - Dillmann, Philippe (CNRS) - Syvilay, Delphine - Azéma, Aurélie (LRMH) - L'Héritier, Maxime (Université Paris 8; CNRS-ArScAn)
- 15:30 DISCUSSION SLOT
- 15:45 **INVESTIGATING TEXTILES IN METAL CORROSION PRODUCTS OF THE GALLOWAY HOARD, C. AD 700-900**  
Harris, Susanna (University of Glasgow) - Davis, Mary (National Museums Scotland)
- 16:00 **THE ROLE OF IRON IN THE INTERPRETATION OF AN EARLY ANGLO-SAXON BURIAL SITE**  
Penton, Sharon (Conservator in Private Practice)

- 16:15 DISCUSSION SLOT
- 16:30 **TO THE RAINBOW AND BEYOND: MULTICOLOURED CORROSION PRODUCTS ON SILVER AND GILT OBJECTS**  
van der Stok, Janneke (University of Amsterdam; Metals Inc.) - Joosten, Ineke (Cultural Heritage Agency of the Netherlands) - Beentjes, Tonny - van Bommel, Maarten (University of Amsterdam)
- 16:45 **METAL USE IN THE LATE ROMAN PERIOD. METHODOLOGICAL LIMITATIONS AND POSSIBILITIES OF PXRF DATA FROM COPPER ALLOYS FROM GERMANIA SECUNDA**  
van der Meulen-van der Veen, Berber (Cardiff University)
- 17:00 **MICROSCOPIC AND SPECTROSCOPIC DETERMINATIONS OF CORROSION PRODUCTS ON COINS AND OTHER METALLIC ARTEFACTS UNCOVERED BY METAL DETECTORS**  
Gebremariam, Kidane (University of Stavanger)
- 17:15 **CORRODED CLUSTERS: INVASIVE VERSUS NON-INVASIVE TECHNIQUES TO DETERMINE COPPER ALLOY ARTEFACT GROUPS FROM ALBALAT (ROMANGORDO, SPAIN)**  
Peters, Manuel J.H. (Department of Applied Science and Technology, Politecnico di Torino; Department of History, Universidade de Évora; HERCULES Laboratory, Universidade de Évora) - Bottaini, Carlo (HERCULES Laboratory, Universidade de Évora; CityUMacau Chair in Sustainable Heritage, Universidade de Évora) - Gilotte, Sophie (Centre National de la Recherche Scientifique) - Mirão, José (HERCULES Laboratory, Universidade de Évora; Department of Geosciences, Universidade de Évora) - Grassini, Sabrina - Angelini, Emma (Department of Applied Science and Technology, Politecnico di Torino)
- 17:30 DISCUSSION SLOT

#### POSTERS:

- A. **ORGANIC PSEUDOMORPHS: AN INTRODUCTORY GUIDE FOR CULTURAL HERITAGE PROFESSIONALS**  
Acuna, Katerina (Winterthur/University of Delaware Program in Art Conservation)
- B. **ANALYSIS OF UNCONSERVED ARCHAEOLOGICAL COPPER ALLOY OBJECTS**  
Vasiliauskaite, Asta (Klaipeda University; Vytautas the Great war museum)

### 326 **EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT PHYTOLITHS (BUT WERE AFRAID...): THEIR CONTRIBUTION TO THE MODELING OF PAST HUMAN BEHAVIOR**

Time: 14:30 - 17:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Chevalier, Alexandre (Royal Institute of Natural Sciences) - Albert, Rosa María (University of Barcelona)

#### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **SILICEOUS MICROREMAINS, GEOCHEMICAL MAGNETIC AND MINERALOGICAL ANALYSES OF CORE MATERIAL FROM KILOMBE CALDERA (KENYA), PROXY QUATERNARY PALAEOENVIRONMENT, CONTEXTUALISING HOMININ OCCUPATION**  
Albert, Rosa Maria (ICREA - Catalan Research for Research and Advanced Studies; Dep. of History and Archaeology, University of Barcelona) - Hoare, Sally - Stanistreet, Ian - Gowlett, John (University of Liverpool, ACE) - Stollhofen, Harald (GeoZentrum Nordbayern, Friedrich-Alexander-University - FAU, Erlangen)
- 15:00 **ARCHAEOBOTANICAL TAPHONOMY AND ARCHAEOLOGICAL INTERPRETATION. PHYTOLITH, SEED, AND CHARCOAL REMAINS FROM THE EARLY UPPER PALAEO-LITHIC SITE OF MUGHR EL-HAMAMAH (JORDAN)**  
Alonso-Eguiluz, Mónica (ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - Albert, Rosa María (ICREA Research Professor; ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - White, Chantel E. (University of Pennsylvania) - Asouti, Eleni (University of



- Liverpool) - Boaretto, Elisabetta (Kimmel Center for Archaeological Science - Weizmann Institute of Science) - Nilsson Stutz, Liv (Linnaeus University) - Stutz, Aaron (Bohusläns Museum)
- 15:15 MICROBIOMORPHIC (PHYTOLITH) ANALYSIS IN THE GEOARCHAEOLOGICAL STUDY AT THE VOORTHUIZEN-WIKSELAARSEWEG ARCHAEOLOGICAL SITE (NETHERLANDS)**  
van den Berghe, Kasper (Herzen State University; FindX) - Druzhinina, Olga (Herzen State University) - Golyeva, Alexandra (Institute of Geography RAS)
- 15:30 THE CONTRIBUTION OF PHYTOLITHS TO THE UNDERSTANDING OF THE HUMAN ACTIVITIES ENTANGLED IN THE EN POTTERY OF NORTHERN GREECE**  
Papadakou, Trisevgeni (Aristotle University of Thessaloniki) - Tsartsidou, Georgia (Ephorate of Palaeoanthropology-Speleology, Hellenic Ministry of Culture, Athens; The M.H. Wiener Laboratory for Archaeological Science, ASCSA) - Papadopoulou, Lambrini (Geology Department, Aristotle University of Thessaloniki) - Kotsakis, Kostas - Valamoti, Soultana-Maria (Department of Archaeology, Aristotle University of Thessaloniki) - Urem-Kotsou, Dusanka-Christina (Department of History and Ethnology, Democritus University of Thrace)
- 15:45 THE BUDDING OF PLANT MICROFOSSIL RESEARCH IN ESTONIA**  
Unt, Agnes - Niinesalu, Maris - Johanson, Kristiina (University of Tartu)
- 16:00 COLONIAL ERA AND AFRICAN-AMERICAN SLAVE FEATURES IN SOUTH CAROLINA: A RECORD FOR COMPARISON**  
Scott Cummings, Linda (PaleoResearch Institute)
- 16:15 NEW METHODS TO REDUCE THE UNCERTAINTY IN MICROARCHAEOLOGY**  
Andreu Diez, Oriol (University of Barcelona) - Albert Cristóbal, Rosa Maria (ICREA; Universitat de Barcelona) - Boaretto, Elisabetta (Weizmann Institute of Science) - Pellicer Moscardó, Jaume (Institut Botànic de Barcelona - CSIC)
- 16:30 DISCUSSION SLOT**

## 340 IMPR - PHYTOLITHS AS A PROXY FOR PALAEOENVIRONMENTAL RECONSTRUCTION

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Peto, Ákos (Hungarian University of Agricultural and Life Sciences) - Kirleis, Wiebke (Kiel University, Institute of Prehistoric and Protohistoric Archaeology)



### ABSTRACTS

- 14:30 PHYTOLITHS AS PALEOENVIRONMENTAL INDICATORS IN AFRICA AND EARLY HUMAN EVOLUTION: THE GOOD, THE BAD, AND THE UGLY**  
Barboni, Doris (CEREGE - Aix Marseille University, CNRS, IRD, INRAE, Coll.France)
- 15:00 EARLY GRASS PALEOECOLOGY IN THE PALEOCENE-EOCENE OF THE SAN JORGE BASIN, ARGENTINE PATAGONIA**  
Stiles, Elena - Strömberg, Caroline (University of Washington; Burke Museum of Natural History and Culture) - Erra, Georgina (CONICET - Museo de La Plata, Geociencias) - Gelfo, Javier - Goin, Francisco (CONICET - Museo de La Plata, División Paleontología Vertebrados) - Kohn, Matthew (Boise State University, Geosciences) - Madden, Richard (University of Chicago, Org.Bio./Anatomy) - Traylor, Robin (UC Merced, Natural Sciences) - Bauza, Nicolas (CONICET - Museo de La Plata, División Paleontología Vertebrados; Universidad Nacional de La Plata) - Gallagher, Timothy (University Of Washington, Biology; Bernice Pauahi Bishop Museum)
- 15:15 PALEOECOLOGICAL FUNCTIONS OF SHAFTS OF THE DYAKOV CULTURE (EARLY IRON AGE) IN THE MOSCOW REGION (RUSSIA)**  
Golyeva, Alexandra - Koval, Vladimir (Institute of Archaeology RAS) - Syrovatko, Aleksandr (Archaeological centre of Kolomna, Moscow region)

- 15:30 DISCUSSION SLOT**
- 15:45 PALEOENVIRONMENTAL RECONSTRUCTION OF CONDITIONS RELATED TO THE OCCURRENCE OF STONE LINES IN PARAÍBA DO SUL VALLEY, SOUTHEASTERN BRAZIL**  
Coe, Heloisa Helena (University of the State of Rio de Janeiro; Fluminense Federal University) - Seixas, Amanda (Fluminense Federal University) - da Silva, André Luiz (University of the State of Rio de Janeiro) - Lepsch, Igo Fernando (University of the State of São Paulo) - Parolin, Mauro (University of the State of Paraná) - Macario, Kita (Fluminense Federal University)
- 16:00 PALAEOENVIRONMENTAL RECONSTRUCTION OF THE PARAÚNA RIVER BASIN, MINAS GERAIS, BRAZIL, THROUGH PHYTOLITHS**  
Dias, Raphaella (Universidade Federal Fluminense) - Coe, Heloisa (Universidade Federal Fluminense; Universidade do Estado do Rio de Janeiro) - Vasconcelos, Alessandra (Universidade Federal dos Vales do Jequitinhonha e Mucuri) - de Carvalho, Alex (Universidade Federal de Minas Gerais) - Chueng, Karina - Macario, Kita (Universidade Federal Fluminense)
- 16:15 DISCUSSION SLOT**
- 16:30 PALEOENVIRONMENT AND CLIMATE EVOLUTION RECONSTRUCTION FOR THE LAST 11KA YEARS ON THE COASTAL PLAIN OF SOUTHERN BRAZIL THROUGH MULTI-PROXY ANALYSIS**  
Trein Salgado, Eduardo - Pimentel Mizusaki, Ana Maria (UFRGS) - Ferreira Chueng, Karina (UFF) - Gomes Coe, Heloisa Helena (UFF; UERJ) - Cardoso Pacheco Evaldt, Andréia - Girardi Bauermann, Soraia (ULBRA)
- 16:45 PALEOENVIRONMENTAL RECONSTRUCTION OF THE NORTHERN COAST OF RIO DE JANEIRO, BRAZIL, THROUGH SILICA BIOMINERALIZATIONS**  
Coe, Heloisa Helena (University of the State of Rio de Janeiro; Fluminense Federal University) - Gomes, Jenifer (Fluminense Federal University) - Gomes, Emily (University of the State of Rio de Janeiro)
- 17:00 PHYTOLITH ANALYSIS INDICATES GRASS COMMUNITY CHANGE BETWEEN THE MIDDLE MIOCENE AND THE EARLY PLIOCENE IN THE CENTRAL ANDEAN ALTIPLANO (PERU)**  
Crifò, Camilla - Bremond, Laurent (Institut des Sciences de l'Evolution de Montpellier - ISEM, EPHE, PSL Research University, Université de Montpellier, CNRS, IRD) - Jaramillo, Carlos (Smithsonian Tropical Research Institute; Institut des Sciences de l'Evolution de Montpellier - ISEM, EPHE, PSL Research University, Université de Montpellier, CNRS, IRD) - Strömberg, Caroline (Department of Biology and Burke Museum of Natural History and Culture, University of Washington)
- 17:15 DISCUSSION SLOT**
- 17:30 FLABELLATE PHYTOLITHS IN AQUATIC AND TERRESTRIAL ENVIRONMENTS: AN EXPLORATION OF MORPHOLOGY, MORPHOMETRY AND ENVIRONMENTAL ASSOCIATIONS**  
Cordova, Carlos (Oklahoma State University)
- 17:45 MARINE PHYTOLITH: PAST, PRESENT AND FUTURE**  
Thilakanayaka, Vidusanka (Key Laboratory of Ocean and Marginal Sea Geology, South China Sea Institute of Oceanology, Innovation Academy of South China Sea Ecology and Environmental Engineering, Chinese Academy of Sciences; University of Chinese Academy of Sciences; National Institute of Fundamental Studies; Department of Oceanography and Marine Geology, Faculty of Fisheries and Marine Sciences and Technology, University of Ruhuna) - Chuanxiu, Luo (Key Laboratory of Ocean and Marginal Sea Geology, South China Sea Institute of Oceanology, Innovation Academy of South China Sea Ecology and Environmental Engineering, Chinese Academy of Sciences; University of Chinese Academy of Sciences; Southern Marine Science and Engineering Guangdong Laboratory) - Madella, Marco (Department of Humanities - CaSEs, University Pompeu Fabra; ICREA; School of Geography, Archaeology and Environmental Studies, The University of the Witwatersrand) - Herath, Dileep B. - Bandara, Gayan (Key Laboratory of Ocean and Marginal Sea Geology, South China Sea Institute of Oceanology, Innovation Academy of South China Sea Ecology and Environmental Engineering, Chinese Academy of Sciences; University of Chinese Academy of Sciences; Department of Oceanography and Marine Geology, Faculty of Fisheries and Marine Sciences and Technology, University of Ruhuna)
- 18:00 DISCUSSION SLOT + POSTERS**

**POSTERS:**

- A. PHYTOLITH (MICROBIOMORPHIC) ANALYSIS IN THE CURONIAN LAGOON (SOUTHEASTERN BALTIC) BOTTOM SEDIMENTS STUDY**  
Druzhinina, Olga (Herzen State University; Institute of Oceanology RAS) - Golyeva, Alexandra (Institute of Geography RAS) - Napreenko, Maxim (Institute of Oceanology RAS) - Napreenko - Dorokhova, Tatiana - Sosni-na, Irina (Institute of Oceanology RAS; Immanuel Kant Baltic Federal University)
- B. PALEOENVIRONMENTAL RECONSTITUTION OF THE HEADWATERS OF THE ARAQUAÍ RIVER, SOUTHERN ESPINHAÇO MOUNTAIN RANGE, MINAS GERAIS, BRAZIL**  
Machado, David (Universidade Estadual de Campinas, Instituto de Geociências, Programa de Pós-graduação em Geografia) - Chueng, Karina (Universidade Federal Fluminense, Instituto de Geociências, Programa de Pós-graduação em Dinâmica da Terra e dos Oceanos) - Coe, Heloisa Helena (Universidade Federal Fluminense, Instituto de Geociências, Programa de Pós-graduação em Dinâmica da Terra e dos Oceanos; Universidade do Estado do Rio de Janeiro, Faculdade de Formação de Professores, Departamento de Geografia) - Silva, Alexandre (Universidade Federal do Vales Jequitinhonha e Mucuri, Faculdade de Ciências Agrárias, Departamento Engenharia Florestal) - Costa, Camila (Universidade Federal do Vales Jequitinhonha e Mucuri, Faculdade de Ciências Agrárias, Departamento de Produção Vegetal)
- C. PALEOENVIRONMENTAL RECONSTRUCTION OF THE ARCHAEOLOGICAL AREA OF SERRA NEGRA, ESPINHAÇO MOUNTAIN RANGE, MINAS GERAIS, BRAZIL**  
Chueng, Karina (Federal Fluminense University) - Coe, Heloisa Helena (University of the State of Rio de Janeiro; Federal Fluminense University) - Fagundes, Marcelo - Vasconcelos, Alessandra (Federal dos Vales do Jequitinhonha e Mucuri University) - Ricardo, Sarah (Nacional Museum Rio de Janeiro Federal University) - Machado, David (Campinas State University)
- D. PALEOENVIRONMENTAL RECONSTRUCTION THROUGH PHYTOLITH ANALYSIS IN THE CASA DA PEDRA SHELLMOUND ARCHAEOLOGICAL SITE, SÃO FRANCISCO DO SUL, SANTA CATARINA, BRAZIL**  
Machado, David (Universidade Estadual de Campinas, Instituto de Geociências, Programa de Pós-graduação em Geografia) - Coe, Heloisa (Universidade do Estado do Rio de Janeiro, Faculdade de Formação de Professores, Departamento de Geografia; Universidade Federal Fluminense, Instituto de Geociências, Programa de Pós-graduação em Dinâmica da Terra e dos Oceanos) - Bandeira, Dione (Programa de Pós-graduação em Patrimônio Cultural e Sociedade - Universidade da Região de Joinville; Museu Arqueológico de Sambaqui de Joinville) - Souza, Rosa (Universidade Federal Fluminense, Instituto de Física) - Rasbold, Giliane (Centro de Energia Nuclear na Agricultura - CENA - Universidade de São Paulo - USP) - Chueng, Karina (Universidade Federal Fluminense, Instituto de Geociências, Programa de Pós-graduação em Dinâmica da Terra e dos Oceanos) - Dias, Raphaella (Universidade Federal Fluminense, Instituto de Geociências, Programa de Pós-graduação em Dinâmica da Terra e dos Oceanos) - Ferreira, Jessica - Voss, Celso - de Sa, Julio Cesar (Programa de Pós-graduação em Patrimônio Cultural e Sociedade - Universidade da Região de Joinville)
- E. PALEOENVIRONMENTAL CONDITIONS OF THE MARICÁ COASTAL PLAIN, SOUTH-EASTERN BRAZIL, DURING THE HOLOCENE THROUGH SILICA BIOMINERALIZATIONS**  
Santos, Cátia - Coe, Heloisa - da Silva, André Luiz (Universidade do Estado do Rio de Janeiro) - Osterrieth, Margarita (Universidad Nacional de Mar del Plata) - Parolin, Mauro (Universidade Estadual do Paraná) - Pamplona, Fábio (Universidade Federal Rural da Amazônia) - Souza, Rosa - Macario, Kita (Universidade Federal Fluminense)
- F. PALEOBIOGEOCLIMATIC RECONSTITUTION THROUGH PHYTOLITH ANALYSIS OF THE MONTE CRISTO CAVE, MINAS GERAIS, BRAZIL**  
Chueng, Karina (Federal Fluminense University) - Coe, Heloisa Helena (University of the State of Rio de Janeiro; Federal Fluminense University) - Vasconcelos, Alessandra (Federal dos Vales do Jequitinhonha e Mucuri University)

**343 THE RISE OF PATRIARCHY. AN ARCHAEOLOGICAL VIEW**

Time: 9:00 - 11:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Koch, Julia (Keltenwelt am Glauberg) - Montón-Subias, Sandra (Pompeu Fabra University Barcelona) - Berseneva, Natalia (Ural Branch of Russian Academy of Sciences Chelyabinsk) - Matic, Uroš (Austrian Archaeological Institute Vienna) - Hjørungdal, Tove (University of Gothenburg)

**ABSTRACTS**

- 9:00 THE RISE OF THE SOCIAL CONSTRUCT "PATRIARCHY". AN INTRODUCTION**  
Koch, Julia (Keltenwelt am Glauberg)
- 9:15 WHAT CAN ETHNOGRAPHY TELL US ABOUT GENDER INEQUALITY IN THE PAST? CASE STUDIES FROM THE CHALCOLITHIC SITE OF VALENCINA, SPAIN**  
Cintas Peña, Marta (Department of Prehistory and Archaeology, University of Seville; Department of Anthropology, University of Iowa) - Lillios, Katina (Department of Anthropology, University of Iowa) - García Sanjuán, Leonardo (Department of Prehistory and Archaeology, University of Seville)
- 9:30 MALE DOMINANCE AND THE GENDERED CONTEXT OF DRINKING IN THE EUROPEAN COPPER AGE**  
Turek, Jan (Center for Theoretical Study, Charles University, Prague)
- 9:45 DISCUSSION SLOT**
- 10:00 PATRIARCHY, MATRIARCHY, OR SOMETHING ELSE? EARLY NOMADS OF THE SOUTHERN URALS**  
Berseneva, Natalia (Institute of History and Archaeology, Ural Branch of RAS; South-Ural State University)
- 10:15 'HAD THE WOMEN BEEN GOOD THEIR TOMB WOULDN'T BE DUG UP TO THEIR THROAT': DYNAMICS OF DEATH RITUALS IN ALBANIA**  
Agolli, Esmeralda (Tirana University)
- 10:30 BODY AND MATERIAL CULTURE IN THE MAKING OF FEMALE SUBORDINATION: GUAM 900-1769 AD**  
Monton-Subias, Sandra (ICREA; UPF)
- 10:45 DISCUSSION SLOT**

**351 BETWEEN STYLE AND FUNCTION: THE TECHNOLOGY OF NEOLITHIC POTTERY FINISHES IN SE EUROPE**

Time: 9:00 - 16:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Burke, Clare (OREA, Austrian Academy of Sciences) - Amicone, Silvia (Mathematisch-Naturwissenschaftliche Fakultät, Eberhard Karls Universität Tübingen)

**ABSTRACTS**

- 9:00 INTRODUCTION**
- 9:15 AESTHETIC CHOICES? POTTERS' VALUES IN THE NEOLITHIC OF SOUTH-EASTERN EUROPE**  
Spataro, Michela (British Museum)
- 9:30 CAN YOU JUDGE A POT BY ITS COVER? STARČEVO POTTERY FROM THE SITE OF SVINJARIČKA ČUKA, SERBIA**  
Burke, Clare (Department of Prehistory and WANA Archaeology, ÖAI)
- 9:45 DISCUSSION SLOT**

- 10:00 **BETWEEN STYLE AND PRACTICE: PAINTS AND PAINTING TECHNIQUES IN THE EARLY AND MIDDLE NEOLITHIC OF THE CENTRAL BALKANS**  
Bajcev, Olga (Institute of Archaeology, Belgrade)
- 10:15 **SURFACE TREATMENTS AND NEOLITHIC POTTERY: CASE STUDIES IN SERBIA AND MONTENEGRO**  
Manem, Sebastien (CNRS, UMR 7055 - Préhistoire et Technologie)
- 10:30 **STYLE BELOW THE SURFACE: TECHNOLOGICAL VARIATION IN CERAMIC SURFACE TREATMENTS IN NEOLITHIC SE EUROPE AND W ANATOLIA**  
de Groot, Beatrijs (The University of Edinburgh)
- 10:45 **DISCUSSION SLOT**
- 11:00 **WHITE-ON-RED PAINTED POTTERY IN THE EARLY NEOLITHIC: INTERREGIONAL INTERACTIONS BETWEEN SOUTHEASTERN EUROPE AND WESTERN ANATOLIA**  
Alpagut, Canay (University of Tuebingen)
- 11:15 **GRAPHITE PAINTED POTTERY FROM THE NEOLITHIC/CHALCOLITHIC BALKANS: AN ARCHAEOLOGICAL AND EXPERIMENTAL APPROACH**  
Amicone, Silvia (Competence Center Archaeometry-Baden Wuerttemberg, University of Tübingen; Institute of Archaeology, University College London) - Solard, Baptiste (Competence Center Archaeometry-Baden Wuerttemberg, University of Tübingen; Institute for Natural Scientific Archaeology, University of Tübingen) - Tsirtsoni, Zoi (CNRS-UMR 7041 Archéologies et Sciences de l'Antiquité. Maison d'Archéologie et d'Ethnologie R. Ginouvès) - Malamidou, Dimitra (Ephorate of Antiquities of Serres) - Grebska, Malgorzata - Todorova, Nadezhda (Regional Museum of History, Blagoevgrad) - Berthold, Christoph (Competence Center Archaeometry-Baden Wuerttemberg, University of Tübingen)
- 11:30 **WHERE 'POTTERY STYLES' INTERTWINE: DECORATIVE APPROACHES AND SURFACE TREATMENTS ALONG THE NEOLITHIC STRUMA RIVER (BULGARIA)**  
Kulow, Malgorzata (Regional Museum of History-Blagoevgrad) - Dzhanfezova, Tanya (University of Oxford)
- 11:45 **DISCUSSION SLOT**
- 12:00 **TECHNOLOGY OF POTTERY FINISHES IN NEOLITHIC GREECE**  
Bonga, Lily (unaffiliated)
- 12:15 **DEFINING THE BOUNDARIES OF CLAY SURFACES: SURFACE TREATMENTS AND MATERIAL EXPRESSIONS OF THE POTTERY FROM NEOLITHIC DISPOLIO, MACEDONIA, GREECE**  
Voulgari, Evangelia (School of History and Archaeology, Aristotle University of Thessaloniki) - Sofronidou, Marina (Ephorate of Antiquities of Drama) - Kotsakis, Kostas (Prehistoric Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)
- 12:30 **DISCUSSION SLOT**
- 14:30 **THE SKEUOMORPHISM OF THE CERAMIC CONTAINERS' DECORATION IN THE CHALCOLITHIC**  
Gheorghiu, Dragos (National University of Art; ITM Macao)
- 14:45 **PAINTING AND PIGMENTS IN THE CHALCOLITHIC OF EASTERN ROMANIA. CASE STUDY: CUCUTENI CULTURE POTTERY**  
Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași.) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași)
- 15:00 **ARCHAEOLOGICAL INVESTIGATION OF THE WHITE COLOUR INLAID ON EARLY ENEOLITHIC POTTERY FROM SOUTHERN ROMANIA**  
Opris, Vasile (Bucharest Municipality Museum) - Simion, Corina - Mirea, Dragos (Horia Hulubei National Institute for Physics and Nuclear Engineering) - Bartha, Cristina - Rostas, Arpad - Sava, Florinel - Secu, Mihail - Vlacu, Mihai - Matei, Elena (National Institute of Materials Physics) - Dimache, Madalina (Gumelnita Civilisation Museum)
- 15:15 **DISCUSSION SLOT**

## 354 THE PLANT STORY. CULTIVATION AND USE OF PLANTS IN THE NEOLITHIC AND EARLY BRONZE AGE IN THE CENTRAL AND EASTERN EUROPE

Time: 9:00 - 11:00 CEST, 9 September 2021

Theme: 7. From global to local: Baltic-Pontic studies

Format: Regular session

Organisers: Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University, Poznań) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Poznań) - Kočár, Petr (Institute of Archaeology Academy of Sciences of the Czech Republic, Praha) - Vostrovská, Ivana (Department of History, Faculty of Arts, Palacký University, Olomouc)

### ABSTRACTS

9:00 INTRODUCTION

9:15 **USE AND PROCESSING OF PLANTS IN EARLY NEOLITHIC CENTRAL EUROPE. WELLS – A SPECTACULAR ARCHIVE OF THE PAST HUMAN-PLANT INTERACTIONS**  
Vostrovská, Ivana (Palacký University Olomouc) - Kočár, Petr (Czech Academy of Sciences)

9:30 **THE IMPORTANCE OF EDIBLE AND TENDED WILD PLANTS IN THE PREHISTORIC SUBSISTENCE OF ROMANIA**  
Brasoveanu, Casandra (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Danu, Mihaela (Faculty of Biology, Alexandru Ioan Cuza University of Iasi) - Bodi, George (Institute of Archaeology, Romanian Academy - Iași Branch)

9:45 **HEALING OR MAGIC? TRACES OF PLANT USE BY THE FUNNEL BEAKER CULTURE COMMUNITIES IN POLAND**  
Rennwanz, Joanna (Institute of Archaeology and Ethnology of the Polish Academy of Sciences) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University, Poznań)

10:00 **PLANT MACROREMAINS AND THE EARTHEN LONG BARROWS: WHAT FOLLOWS FROM THE ARCHAEOBOTANICAL EVIDENCE FROM NEOLITHIC SITES IN MUSZKOWICE (SOUTH-WESTERN POLAND)**  
Przybyl, Agnieszka (Institute of Archaeology, University of Wrocław) - Kofel, Dominika (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

10:15 **ENOUGH IS AS GOOD AS A FEAST – SAMPLING STRATEGY AND A REPRESENTATIVENESS OF ARCHAEOBOTANICAL ASSEMBLAGES**  
Kapcia, Magda - Moskal-del Hoyo, Magdalena - Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences)

10:30 **OLD DATA - NEW INTERPRETATIONS. SUBSISTENCE STRATEGIES OF FUNNEL BEAKER CULTURE POPULATION**  
Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University, Poznań) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Poznań) - Diachenko, Aleksandr (Institute of Archaeology of the National Academy of Sciences of Ukraine)

10:45 **DISCUSSION SLOT**

## 355 COMMUNITY ARCHAEOLOGY AND CLIMATE THREAT RESPONSE

Time: 14:30 - 18:00 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Discussion session

Organisers: McGovern, Thomas (CUNY Graduate Center and Hunter College) - Dawson, Thomas (School of History U St Andrews Scotland)

### ABSTRACTS

14:30 INTRODUCTION

- 14:45 **CLIMATE CHANGE THREATS TO HERITAGE IN ALASKA-WORKING ON AN ORGANIZED RESPONSE**  
Jensen, Anne (University of Alaska Fairbanks)
- 15:00 **CANCARE: THE CANADIAN COASTAL ARCHAEOLOGY RESCUE EFFORT**  
Betts, Matthew (Canadian Museum of History)
- 15:15 **PROTECTING THE PERIPHERIES - COLLABORATIVE ARCHAEOLOGY, STEWARDSHIP, AND PRESERVATION AT TWO 'FRONTIER' SITES**  
Victor, Megan (Queens College, CUNY)
- 15:30 **CULTURE, HERITAGE AND IDENTITIES: IMPACTS OF CLIMATE CHANGE IN NORTH WEST EUROPE (CHICC)**  
Kerr, Sarah (Aarhus University)
- 15:45 **DONOP: MAKING SPACES FOR INDIGENOUS VOICES IN CLIMATE CHANGE RESEARCH**  
Newsom, Bonnie - Kelley, Alice (University of Maine)
- 16:00 **THE ALLUITSOQ PROJECT: A COMMUNITY-BASED ARCHAEOLOGICAL RESEARCH PROGRAM AT A THREATENED MISSION STATION IN SOUTH GREENLAND**  
Turley, Cameron (The Graduate Center, City University of New York) - Bendtsen, Aká (Ilisimatusarfik) - Coleman, Wendi (The Graduate Center, City University of New York)
- 16:15 **BOSTON HARBOR ISLANDS ARCHAEOLOGY AND CLIMATE IMPACT PROJECT**  
West, Catherine (Boston University) - Bagley, Joseph (Boston City Archaeology Program) - Albert, Marc (National Park Service)
- 16:30 **PRESERVATION THROUGH TRANSLATION? CO-PRODUCING A MODERN ECO-HOME BY INTEGRATING INTANGIBLE ARCHITECTURAL HERITAGE**  
Romankiewicz, Tanja (University of Edinburgh, School of History, Classics and Archaeology)
- 16:45 **COASTLINES, COMMUNITIES AND CLIMATE CHANGE**  
Dawson, Tom (University of St Andrews)
- 17:00 **DISCUSSION SLOT**

### 367 **IDEOLOGICAL, TECHNOLOGICAL & ECONOMIC CHANGE IN THE FIRST MILLENNIUM BCE AT THE EURASIAN EXTREMITIES: JAPAN AND BRITAIN IN WIDER CONTEXT**

Time: 9:00 - 15:30 CEST, 9 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Hutcheson, Andrew (Sainsbury Institute for the Study of Japanese Arts and Culture; University of East Anglia) - Mizoguchi, Koji (University of Kyushu) - Matsugi, Takehiko (The National Museum of Japanese History) - Hudson, Mark (Max Planck Institute for the Science of Human History) - Kaner, Simon (Sainsbury Institute for the Study of Japanese Arts and Culture; University of East Anglia)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **INTERPRETING AXIAL AGES**  
Andersen, Anna-Theres (Institute for Prehistoric and Historic Archaeology, Kiel University) - Nakoinz, Oliver (Johanna Mestorf Academy, Kiel University)
- 9:30 **CIVILIZATION AND BARBARIANS AT EITHER ENDS**  
Kim, Jinh (Seoul National University)
- 9:45 **THE BEGINNING OF SYMBOLISM**  
Barrett, John C. (University of Sheffield)
- 10:00 **DISCUSSION SLOT**

- 10:15 **DRIVERS OF CHANGE: UNPACKING THE CAUSAL FORCE BEHIND CHANGES IN PRODUCTIVITY, WARFARE, INSTITUTIONS, AND IDEOLOGY ACROSS EURASIA WITH SESHAT DATABANK**  
Hoyer, Daniel (Seshat: Global history Databank; Evolution Institute; George Brown College) - Reddish, Jenny (Seshat: Global history Databank; Complexity Science Hub, Vienna)
- 10:30 **TESTING THE AXIAL AGE CONCEPT APPLIED TO ETRURIA IN THE CONTEXT OF FAR WESTERN ASIA**  
Stoddart, Simon (University of Cambridge; University of Kiel)
- 10:45 **MATERIALS AND IDEAS IN THE SECOND HALF OF THE 1ST MILLENNIUM BCE: COINAGE AND CONCEPTS IN JAPAN AND BRITAIN**  
Hutcheson, Andrew (University of East Anglia)
- 11:00 **DISCUSSION SLOT**
- 11:15 **WHAT IS A SHRINE? ARCHAEOLOGICAL PERSPECTIVES FROM YAYOI JAPAN AND IRON AGE EUROPE**  
Kaner, Simon (Sainsbury Institute for the Study of Japanese Arts and Cultures) - Hutcheson, Natasha (University of East Anglia)
- 11:30 **ENCOUNTER PROJECT: DEMOGRAPHY, CULTURAL CHANGE, AND THE DIFFUSION OF RICE AND MILLET DURING THE JOMON-YAYOI TRANSITION IN PREHISTORIC JAPAN**  
Crema, Enrico (University of Cambridge) - Bondetti, Manon (University of York) - Brainerd, Leah (University of Cambridge) - Carrignon, Simon (University of Tennessee; University of Cambridge) - Craig, Oliver (University of York) - Kobayashi, Ken'ichi (Chuo University) - Madella, Marco (ICREA - CaSEs, Department of Humanities, Universitat Pompeu Fabra. Barcelona) - Shinya, Shoda (University of York; Nara National Research Institute for Cultural Properties) - Stevens, Chris (University of Cambridge) - Yoshida, Akihiro (Kagoshima University)
- 11:45 **CONNECTIVITY BETWEEN THE JAPANESE ARCHIPELAGO AND MAINLAND DURING AND PRIOR TO THE 1ST MILLENNIUM BC**  
Bausch, Ilona (Leiden University)
- 12:00 **DISCUSSION SLOT**
- 12:15 **THE LAST 200 YEARS OF THE FIRST MILLENNIUM BCE AS THE "AXIAL AGE" IN PREHISTORIC JAPAN**  
Matsugi, Takehiko (The National Museum of Japanese History Japanese)
- 12:30 **THE SECONDARY PEOPLES' REVOLUTION AND THE RISE OF THE META-BARBARIAN: COMPARING BRONZE AGE JAPAN AND BRITAIN**  
Hudson, Mark (Max Planck Institute for the Science of Human History)
- 12:45 **THE FORMATION OF COMPLEX SOCIETIES AS SEEN FROM RELIGIOUS PRACTICES**  
Mizoguchi, Koji (Kyushu University)
- 14:30 **DISCUSSION SLOT**

### 373 **SOCIAL INTERACTION IN HERITAGE ENVIRONMENTS**

Time: 9:00 - 12:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Scutt, Win (English Heritage) - Wilton, Antje (University of Siegen)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **HERITAGE INDUSTRY, POST-NATION AND MATERIALITY: AN ARCHAEOLOGY OF ARCHAEOLOGY**  
Kulenovic, Igor - Igljic, Sara (University of Zadar)
- 9:30 **NEW APPROACHES FOR OLD SPACES. USING 3D RECONSTRUCTIONS AS CONVERSATION TOOLS WITH STAKEHOLDERS**  
Loy, Aida (Leiden University)

- 9:45 **EXPLORING A HERITAGE ENVIRONMENT DURING A GUIDED TOUR: A MULTIMODAL SPACE-BASED INTERACTION ANALYSIS**  
Wilton, Antje (University of Siegen)
- 10:00 **DISCUSSION SLOT**
- 10:15 **IMPROVING SOCIAL INTERACTION AND ENGAGEMENT ON HERITAGE SITES**  
Scutt, Win (English Heritage)
- 10:30 **THE ARCHAEOLOGY OF THE POST-MEDIEVAL RURAL HOUSE: CHALLENGES AND APPLICATIONS FOR A CULTURAL HERITAGE IN THE MAKING**  
Bizzarri, Giulia (Università degli Studi di Genova)
- 10:45 **NOTHING TO BE SEEN... FORCED LABOUR ON THE TEMPELHOF FIELD IN BERLIN 1940-1945**  
Misterek, Kathrin (Freie Universität Berlin)
- 11:00 **THE CHURCH OF OUR LADY OF ITRIA: THE HISTORICAL SPACE AND ITS MATERIALITY IN THE TERRITORY OF SELEGAS (SARDINIA)**  
Soddu, Ottaviana (archeologo libero professionista)
- 11:15 **DISCUSSION SLOT**

## 377 A WORLD OF CLAY II: FROM FRAGMENTS TO SOCIETIES

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Kroon, Erik (Leiden University, Faculty of Archaeology) - Delvoye, Adrien - Debels, Pauline (University of Geneva, Department of Genetics and Evolution) - Arntz, Monique (Cambridge University, Department of Archaeology) - Jean, Mathilde (Université Paris 1 Panthéon-Sorbonne)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **SOCIAL CLAYS: REVEALING PAST IDENTITIES AND TRANSFORMATIONS THROUGH CERAMIC ARCHAEOLOGY**  
Gates St-Pierre, Christian - Beaulieu, Guyane - Girard, Jean-Paul (Université de Montréal)
- 9:30 **TOWARDS MAKING SENSE OF MIGRATIONAL MOSAICS: OPERATIONALISING A NETWORK APPROACH TO TECHNOLOGY FOR THE HISTORY OF KNOWLEDGE**  
Kroon, Erik - Djakovic, Igor (Leiden University, Faculty of Archaeology)
- 9:45 **AN INFORMATION THEORETIC APPROACH TO MYCENAEAN POTTERY DATASETS**  
Rivers, Ray (Imperial College London) - Gheorghide, Paula (University of Toronto) - Price, Henry (Imperial College London) - Vasiliauskaite, Vaiva (ETH Zurich) - Evans, Tim (Imperial College London)
- 10:00 **DISCUSSION SLOT**
- 10:15 **PERIOD-, SITE- OR GEOLOGY-SPECIFIC? RAW MATERIAL SELECTION IN THE 3RD-2ND MILLENNIUM BC POTTERY PRODUCTION OF THE UPPER RHÔNE VALLEY (SWITZERLAND)**  
Carloni, Delia (Laboratory of Prehistoric Archaeology and Anthropology, Department F.-A. Forel for Environmental and Aquatic Sciences, University of Geneva) - Šegvić, Branimir (Department of Geosciences, Texas Tech University) - Sartori, Mario (Department of Earth Sciences, University of Geneva) - Zaroni, Giovanni (Department of Geosciences, Texas Tech University) - Besse, Marie (Laboratory of Prehistoric Archaeology and Anthropology, Department F.-A. Forel for Environmental and Aquatic Sciences, University of Geneva)
- 10:30 **HIDDEN SOCIAL IDENTITY? NEOLITHIC POTTERY TRADITIONS AND RADIOCARBON CHRONOLOGY**  
Kvetina, Petr - Hrnčíř, Václav (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic, Praha) - Trampota, Frantisek (Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno)

- 10:45 **OBSERVING THE RELATIONSHIP BETWEEN FUNERARY AND DOMESTIC CONTEXTS USING POTTERY TECHNOLOGY: THE UPPER RHÔNE VALLEY DURING LATE PREHISTORY**  
Derenne, Eve (Laboratoire d'archéologie préhistorique et anthropologie, Université de Genève) - Ard, Vincent (UMR 5608 TRACES, Université Toulouse Jean Jaurès) - Besse, Marie (Laboratoire d'archéologie préhistorique et anthropologie, Université de Genève)
- 11:00 **DISCUSSING SOCIAL DYNAMICS OF A POTTERY WORKSHOP: EVIDENCE FROM THE MIDDLE NEOLITHIC SITE IMVROU PIGADI, GREECE**  
Saridaki, Niki (University of Crete) - Kyparissi, Nina (Ephorate of Paleoanthropology and Speleology) - Kalogirou, Evita (University of Crete)
- 11:15 **DISCUSSION SLOT**
- 11:45 **SHAPE STANDARDIZATION, CERAMIC SPECIALIZATION AND ITS IMPLICATION TO SOCIAL COMPLEXITY: A CASE STUDY OF NEOLITHIC POTTERY FROM TAOSI SITE, CHINA**  
Bai, Yang (Kyushu University)
- 12:00 **POTSHERD TOOLS IN THE SOCIAL ORGANISATION OF EARLY NEOLITHIC SOCIETIES IN SOUTH-EASTERN/ CENTRAL EUROPE: CONTRIBUTIONS FROM THE ANTHROPOLOGY OF TECHNIQUES**  
Vindrola Padros, Bruno (Institute of Archaeology, University College London) - Vieugué, Julien (Institute of Archaeology and Ethnology, Paris Nanterre University, French National Centre for Scientific Research - CNRS)
- 12:15 **EXPERIMENTAL MODELING OF ASBESTOS- AND ORGANIC-TEMPERED VESSELS FROM THE LATE NEOLITHIC OF EASTERN FINNOSCANDIA**  
Kholkina, Margarita - Muravev, Roman (Saint-Petersburg State University; Peter the Great Museum of Anthropology and Ethnography - Kunstkamera) - Zhulnikov, Aleksander (Petrozavodsk State University)
- 12:30 **DISCUSSION SLOT**
- 14:30 **AN INKA HAUKAYPATA IN EL SHINCAL DE QUIMIVIL (ARGENTINA): CERAMIC STUDIES TO UNDERSTAND PUBLIC SOCIAL PRACTICES IN THE KOLLASUYU**  
Scaro, Agustina (Institute of Andean Ecoregions - CONICET-UNJu; Institute of Geology and Mining - UNJu) - Couso, María (División Arqueología, Facultad de Ciencias Naturales y Museo - UNLP) - Moralejo, Reinaldo (División Arqueología, Facultad de Ciencias Naturales y Museo - UNLP; CONICET)
- 14:45 **TRACING EXCHANGE PATTERNS — THE CONTRIBUTION OF TECHNOLOGICAL APPROACHES TO THE IDENTIFICATION OF POTTERY TRADITIONS**  
Verdellet, Cécile (Gerda Henkel Stiftung; UMR 7041 ArScAn) - Vilain, Sarah (Marie Skłodowska-Curie Fellow)
- 15:00 **ADAPTATION AND TRANSFORMATION OF THE CERAMIC MANUFACTURE FOR SUGAR PRODUCTION IN MEDIEVAL EUROPE**  
Mentesana, Roberta - Buxeda i Garrigòs, Jaume (Cultura Material i Arqueometria UB - ARQUB, GRACPE, Dept. d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Kilikoglou, Vasillis - Hein, Anno (Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos") - Madrid i Fernández, Marisol (Cultura Material i Arqueometria UB - ARQUB, GRACPE, Dept. d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona)
- 15:15 **"COOKING HISTORY": SOCIOCULTURAL, TECHNOLOGICAL AND GASTRONOMIC EXCHANGE THROUGH THE CASE STUDY OF THE PUNIC-ROMAN CITY OF CARTEIA (SAN ROQUE, SPAIN)**  
Sánchez Moral, Carmen María (Universidad Autónoma de Madrid)
- 15:30 **DISCUSSION SLOT**

### POSTERS:

- A. **A NEW DEEP LEARNING CLASSIFICATION TOOL FOR CERAMIC DECORATION: A CASE STUDY FOR THE BELL-BEAKER POTTERY**  
Paulos-Bravo, Rodrigo (Complutense University of Madrid) - Cifuentes-Alcobendas, Gabriel (Institute of Evolution in Africa; University of York)

- B. MANUFACTURING TRADITION IN A WORLD OF IMITATION AND ACCULTURATION: A CASE OF CULTURAL TRANSFORMATION THROUGH CERAMIC ANALYSES  
Moreno Megias, Violeta (Instituto del Patrimonio Cultural de España; Universidad de Sevilla)

### 379 THE INTERACTION BETWEEN NOMADISM AND SEDENTISM: AN APPROACH THROUGH RELIGIOUS PRACTICES AND BELIEFS

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Ethier, Jonathan (Institute of Pre- and Protohistoric Archaeology, CAU Kiel) - Broglia de Moura, Samara (Centre de recherche sur les civilisations de l'Asie orientale - CRCAO, UMR 8155; Archéologies et Sciences de l'Antiquité - ArScAn, UMR 7041; École Pratique des Hautes Études - EPHE/PSL, Paris)

#### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 WHAT IS THE IMPACT OF RELIGION ON NOMAD-SEDENTARY INTERRELATIONS IN ROMAN AND BYZANTINE NORTH AFRICA (1ST TO 6TH C. CE)?  
Syrbe, Daniel (FernUniversität in Hagen)
- 15:00 THE RELIGIOUS COMPLEX OF MENOUTHIS: FROM PAGAN ORACLE TO CHRISTIAN HEALING SHRINE  
Fischer, Tom (Ecole Pratique des Hautes Etudes - PSL; Laboratoire d'Études sur les Monothéismes - CNRS, UMR 8584)
- 15:15 THE COMMON GROUND: ISLAM, NOMADS AND URBAN DWELLERS IN MEDIEVAL HORN OF AFRICA  
de Torres Rodríguez, Jorge (Incipit - Institute of Heritage Sciences)
- 15:30 DISCUSSION SLOT
- 15:45 RELIGION AND URBANISM AS MEANS OF COMMUNICATION BETWEEN NOMAD ELITES AND THEIR SUBJECTS - THE CASE OF MONGOL QARA QORUM  
Rohland, Hendrik (Commission for the Archaeology of Non-European Cultures, DAI)
- 16:00 MONASTERIES IN THE CENTRE OF URBANISATION: PERMANENT SETTLEMENTS IN OUTER MONGOLIA DURING THE PERIOD OF THE MANCHU QING DYNASTY  
Ressel, Christian (Christian-Albrechts-Universität zu Kiel)
- 16:15 SARIDAG: A MONGOLIAN BUDDHIST MONASTERY COMPLEX OF THE 17TH CENTURY  
Chadraabal, Enkhtuul (Ur- und Frühgeschichte, Christian-Albrechts-Universität zu Kiel)
- 16:30 DISCUSSION SLOT
- 16:45 EMERGENCE OF NECROPOLISES AND CHANGE OF BURIAL RITES IN THE WESTERN ALPS: ANTHROPOLOGICAL AND CHRONOLOGICAL INVESTIGATIONS OF NEOLITHIC CIST GRAVES  
Steuri, Noah (Department of Prehistory, Institute of Archaeological Sciences, University of Bern) - Milella, Marco - Lösch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Szidat, Sönke - Hafner, Albert (Department of Prehistory, Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern)
- 17:00 THE CHURCH AND THE TOWN - URBAN RELIGION DURING THE 10TH - 12TH CENTURIES IN ODENSE, DENMARK  
Haase, Kirstine - Bjerregaard, Mikael (Odense City Museums)
- 17:15 DISCUSSION SLOT

### 388 PREHISTORIC INTER-SOCIETAL DYNAMICS ALONG THE ATLANTIC FAÇADE FROM THE NEOLITHIC TO THE IRON AGE

Time: 16:30 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Session with keynote presentation and discussion

Organisers: Higginbottom, Gail (Incipit, Spanish National Research Council) - Carrero-Pazos, Miguel (Institute of Archaeology, UCL)

#### ABSTRACTS

- 16:30 BOYNE TO BRODGAR, AND BEYOND: THE COMPLEX CONNECTIONS OF THE NEOLITHIC MONUMENT BUILDERS IN BRITAIN AND IRELAND  
Sheridan, Alison (Dept. Scottish History & Archaeology, National Museums Scotland)
- 16:45 INVESTIGATING A PORTAL DOLMEN: TRETVEY QUOIT A CORNISH MEGALITHIC TOMB IN A SHARED SEA  
Jones, Andy (Cornwall Archaeological Unit)
- 17:00 REGIONAL IDENTITIES AND CULTURAL VARIATION IN THE SOUTH NORWEGIAN NEOLITHIC (CA. 4000-1700 BC)  
Olsen, Dag Erik (Museum of Cultural History, University of Oslo)
- 17:15 THE TRANSMISSION OF CERTAIN ARCHITECTURAL ELEMENTS DURING THE EARLY NEOLITHIC (LBK).  
Minnich, Alexander (Universität Wien)
- 17:30 INTER-SOCIETAL DYNAMICS ALONG THE ATLANTIC FAÇADE - DOLMENS OF GALICIA AND WESTERN BRITAIN  
Higginbottom, Gail - Gonzalez-Garcia, César - Vilas-Estévez, Benito (El Instituto de Ciencias del Patrimonio - Incipit, CSIC) - Carrero-Pazos, Miguel (University College London)
- 17:45 COMPARATIVE MODELS OF MEGALITHIC LANDSCAPES IN NEOLITHIC ATLANTIC EUROPE. AN OUTLINE OF THE "MEGASCAPES" PROJECT  
Carrero-Pazos, Miguel (UCL Institute of Archaeology)
- 18:00 HEATHLANDS AS INTERSPECIES, INTER-SOCIETAL LANDSCAPES OF THE ATLANTIC FAÇADE  
Løvschal, Mette (Aarhus University; Moesgaard Museum)
- 18:15 DISCUSSION SLOT

### 390 CROSS-DISCIPLINARY APPROACHES TO ARCHAEOETHANATOLOGICAL AND TAPHONOMIC ANALYSES OF HUMAN REMAINS

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Camarós, Edgard (IIIPC - Universidad de Cantabria) - Knüsel, Christopher (PACEA - Université de Bordeaux) - Schotsmans, Eline (Centre for Archaeological Science - University of Wollongong)

#### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 WHAT IS ARCHAEOETHANATOLOGY, AND HOW DOES IT RELATE TO TAPHONOMY?  
Knüsel, Christopher (UMR 5199 PACEA, Université de Bordeaux)

- 9:30 **FROM FLESH TO BONE: BUILDING BRIDGES BETWEEN TAPHONOMY, ARCHAEOETHANATOLOGY AND FORENSIC SCIENCE FOR A BETTER UNDERSTANDING OF MORTUARY PRACTICES**  
Schotsmans, Eline (University of Wollongong; University of Bordeaux) - Georges-Zimmerman, Patrice (Institut National de Recherches Archéologiques Préventives - Inrap; Université Toulouse Jean Jaurès) - Ueland, Maiken (University of Technology Sydney) - Dent, Boyd (Red Earth Geosciences Sydney)
- 9:45 **RESULTS AND METHODS OF AN ONGOING EXPERIMENTAL TAPHONOMIC RESEARCH PROGRAM TO IMPROVE THE INTERPRETATION OF HUMAN REMAINS IN (FORENSIC) ARCHAEOLOGY**  
Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University)
- 10:00 **AN EXPERIMENTAL TAPHONOMIC STUDY OF HUMAN DECOMPOSITION AND DISARTICULATION IN COFFINS**  
Alfsdotter, Clara (Linnaeus University; Bohusläns museum)
- 10:15 **THE USE OF PHYSICOCHEMICAL CHANGES TO ADDRESS THE LATE POSTMORTEM INTERVAL AND UNBURNT AND BURNT BONES**  
Vegh, Emese (University of Oxford) - Marquez-Grant, Nicholas (Cranfield University, Defence Academy of the United Kingdom) - Schulting, Rick (University of Oxford)
- 10:30 **LET'S MAKE A MESS, MAYBE NO ONE WILL NOTICE. IMPACT OF BIOTURBATION ACTIVITY ON THE URN FILL STRATIGRAPHY**  
Haluszko, Agata (Archeolodzy.org Foundation; Institute of Archaeology, University of Wrocław) - Kadej, Marcin (Department of Forensic Biology and Entomology, Institute of Environmental Biology, Faculty of Biological Science, University of Wrocław) - Gmyrek, Grzegorz (Usługi Archeologiczne Grzegorz Gmyrek, Kalisz)
- 10:45 **DISCUSSION SLOT**
- 11:00 **THOSE BONES ARE MINE: AN ARCHAEOETHANATOLOGICAL APPROACH TO POSSIBLE DISMANTLED BURIALS FROM COLOMBA AND LES PEDROSES CAVES (ASTURIAS, SPAIN)**  
Drak, Labib (Dpto. Biodiversidad, Ecología y Evolución, Universidad Complutense de Madrid) - Martínez-Villa, Alberto (Centro Ecomuseo de la Fauna Glacial de Onís. Asturias) - Garralda, María Dolores (Dpto. Biodiversidad, Ecología y Evolución, Universidad Complutense de Madrid) - Fano, Miguel Ángel (Dpto. de Ciencias Humanas. Universidad de La Rioja) - Arias, Pablo (IIIPC - Instituto Internacional de Investigaciones Prehistóricas de Cantabria. Universidad de Cantabria-Gobierno de Cantabria-Grupo Santander)
- 11:15 **ARCHAEOETHANATOLOGY AND GIS: A POSSIBLE CONTRIBUTION TO A BETTER UNDERSTANDING OF THE SYNCHRONIC AND DIACHRONIC USE OF COLLECTIVE BURIALS**  
Neves, Maria João (Universidade de Coimbra; CIAS - Research Centre of Anthropology and Health; III - Institute of Interdisciplinary Research) - Silva, Ana (University of Coimbra; CIAS - Research Centre of Anthropology and Health)
- 11:30 **FORENSIC TAPHONOMY APPLIED TO COMMINGLED COLLECTIVE BURIALS FROM THE NEOLITHIC - CHALCOLITHIC: DIFFERENTIATING MOMENTS OF USE**  
Moreno-Ibáñez, Miguel (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Saladié, Palmira (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; Unit associated to CSIC. Departamento de Paleobiología, Museo Nacional de Ciencias Naturales) - Morales, Juan - Cebrià, Artur - Fullola, Josep (SERP, Departament d'Història i Arqueologia, Universitat de Barcelona)
- 11:45 **EXAMINING MORTUARY TREATMENT IN NEOLITHIC CAVES OF SOUTHWEST BRITAIN: A TAPHONOMIC APPROACH**  
Konstantinidi, Eirini - Madgwick, Richard - Mulville, Jacqui (Cardiff University)
- 12:00 **THE CROSS-DISCIPLINARY PARADIGM LAG: ARCHAEOETHANATOLOGICAL ANALYSES AND SOCIOCULTURAL ANTHROPOLOGICAL MODELS IN THE ARCHAEOLOGY OF BRONZE AGE CRETE**  
Finn, Ellen (British School at Athens)
- 12:15 **ONE IS NOT ENOUGH, IT'S TOMB 21: TAPHONOMY AND CHANGE IN THE EARLY MYCENAEAN AYIOS VASILEIOS NORTH CEMETERY, GREECE**  
Moutafi, Ioanna (The Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens; Center for Hellenic Studies, Harvard University) - Voutsaki, Sofia (University of Groningen)

- 12:30 **DISCUSSION SLOT**
- 14:30 **IRON AGE MORTUARY PRACTICE IN SOUTHWEST BRITAIN**  
Bricking, Adelle - Madgwick, Richard - Sharples, Niall (Cardiff University)
- 14:45 **HALTING DEATH IN ITS TRACKS: HISTO-TAPHONOMIC METHODS FOR INVESTIGATING CURATION AND ACTIVE MANIPULATION OF CORPSES IN IRON AGE BRITAIN**  
Tollefsen, Emma (University of Manchester)
- 15:00 **SAME SAME BUT DIFFERENT – DISARTICULATED IRON AGE HUMAN REMAINS FROM BASEL-GASFABRIK (SWITZERLAND)**  
Pichler, Sandra L. - Stopp, Barbara - Brönnimann, David (IPAS University of Basel) - Spichtig, Norbert (Archäologische Bodenforschung Basel-Stadt)
- 15:15 **BONE FIRE SIGNATURES ON CREMATION BURIALS FROM ROMAN LUSITANIA PROVINCE**  
Silva, Filipa (Research Centre for Anthropology and Health - CIAS, University of Coimbra)
- 15:30 **MICROTAPHONOMIC APPROACH TO ARCHAEOETHANATOLOGY: A CROSS-DISCIPLINARY PERSPECTIVE FROM A VISIGOTHIC FUNERARY CAVE CONTEXT (LA GARMA, CANTABRIAN SPAIN)**  
Camarós, Edgard (McDonald Institute for Archaeological Research. University of Cambridge) - López-Gijón, Ramon (Universidad de Granada) - Zurro, Débora (Institució Milà i Fontanals - IMF-CSIC) - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria) - Sánchez-Moral, Sergio - Martín-Pozas, Tamara (Museo Nacional de Ciencias Naturales - MNCN-CSIC) - Sánchez Carro, Miguel Ángel (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria) - Gleba, Margarita (Ludwig-Maximilians-University of Munich) - Ontañón, Roberto (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria; Museo de Prehistoria y Arqueología de Cantabria - MUPAC) - Arias, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria)
- 15:45 **TAPHONOMY AND 'ANCIENT' HUMAN REMAINS IN THE MEDIEVAL MIND**  
Nugent, Ruth (University of Liverpool)
- 16:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **MAXIMISING SKELETAL DATA COLLECTION IN COMMERCIAL ARCHAEOLOGY**  
Chroustovsky, Lubos (Faculty of Arts, University of West Bohemia in Pilsen) - Pruchova, Erika (Faculty of Arts, University of South Bohemia in Ceske Budejovice) - Kacl, Pavel (Archeo Pro o.p.s. Prague)
- B. **PRELIMINARY TAPHONOMIC EVALUATION OF A BRONZE AGE HUMAN SKELETON DISCOVERED AT RUGINOASA (IASI COUNTY, ROMANIA)**  
Petaru, Ozana-Maria - Bejenaru, Luminița ("Alexandru Ioan Cuza" University of Iași, Faculty of Biology; Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Simalcsik, Angela (Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Tencariu, Felix-Adrian ("Alexandru Ioan Cuza" University of Iași, Interdisciplinary Research Institute, Science Department, Arheoinvest Centre)
- C. **THANADOS - THE ANTHROPOLOGICAL AND ARCHAEOLOGICAL DATABASE OF SEPULTURES**  
Brundke, Nina (Austrian Archaeological Institute) - Eichert, Stefan (Natural History Museum Vienna)

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## 392 IDENTITY POLITICS AND CULTURE(S) IN NEOLITHIC AND BRONZE AGE ARCHAEOLOGY

Time: 11:00 - 13:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Arponen, VPJ - Brinkmann, Johanna (Kiel University) - Johannsen, Niels (Aarhus University)

### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 IDENTITY POLITICS IN AN INTERDISCIPLINARY CONTEXT: A CONCEPTUAL ANALYSIS  
Arponen, VPJ (Institut fuer Ur- und Fruehgeschichte Kiel)
- 11:30 CAUSEWAYED ENCLOSURES AND LONG BARROWS AS LANDMARKS OF THE NEOLITHIC RITUAL LANDSCAPE IN BOHEMIA  
Turek, Jan (Center for Theoretical Study, Charles University, Prague) - Kristuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen)
- 11:45 FRAMING PAST IDENTITIES  
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)
- 12:00 A WARRIOR IDEOLOGY IN LATE NEOLITHIC CENTRAL EUROPE?  
Schultrich, Sebastian (Institut fuer Ur- und Fruehgeschichte Kiel)
- 12:15 POTS AND PEOPLE? THE IMPLICATIONS OF THE CONCEPTS OF ARCHAEOLOGICAL CULTURE AND POLITICISED IDENTITY IN THE NORTHERN EUROPEAN NEOLITHIC  
Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel)
- 12:30 DISCUSSION SLOT

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## 409 ARCHAEOLOGISTS, SITES AND METHODOLOGIES: PROFESSIONAL AND PERSONAL NETWORKS IN MID-20TH-CENTURY EUROPE (PART 2)

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Gramsch, Alexander (Römisch-Germanische Kommission - RGK) - Mytum, Harold (University of Liverpool) - Babić, Staša (Faculty of Philosophy, University of Belgrade)

### ABSTRACTS

- 9:00 AN INTRODUCTION TO PROFESSIONAL AND PERSONAL NETWORKS IN MID-20TH-CENTURY EUROPE  
Gramsch, Alexander (RGK - Romano-Germanic Commission DAI)
- 9:15 REVOLUTION OR MYSTIFICATION? REFLECTIONS ON ATTEMPTS AT SPREADING NEW ARCHAEOLOGY IN 1970S ENGLAND  
Mytum, Harold (University of Liverpool)
- 9:30 INTERNATIONAL NETWORKS AND GEOGRAPHIES OF KNOWLEDGE IN EUROPE BEFORE AND AFTER WORLD WAR II  
Díaz-Andreu, Margarita (ICREA; Universitat de Barcelona)
- 9:45 DISCUSSION SLOT
- 10:00 THE 'SWINGING SIXTIES': NETWORKING ARCHAEOLOGY IN PORTUGAL  
Martins, Ana Cristina (IHC - Polo da Universidade de Évora; UNIARQ - Universidade de Lisboa)

- 10:15 PRE- AND PROTOHISTORIC STUDIES IN THE DAWN OF NEW WAVES IN ARCHAEOLOGY - THE GERMAN ARCHAEOLOGICAL INSTITUTE IN MADRID 1954-1994  
Sasse-Kunst, Barbara (Albert-Ludwig-Universität Freiburg, Institut für Archäologische Wissenschaften)
- 10:30 'SLAVIC ARCHAEOLOGY' AND ITS IDEOLOGICAL AND POLITICAL INTERPENETRATIONS IN POLAND AND EAST GERMANY AFTER 1945. A COMPARATIVE-BIOGRAPHICAL CASE STUDY  
Kluger, Anne (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO; University of Münster)
- 10:45 DISCUSSION SLOT
- 11:00 TRENDS IN THE DEVELOPMENT OF SOVIET RUSSIAN PROVINCIAL ARCHAEOLOGY  
Shcherbakov, Nikolai - Shuteleva, Iia - Leonova, Tatiana (Laboratory of Methodology and Methods of Humanitarian Research M. Akmullah Bashkir State Pedagogical University)
- 11:15 BETWEEN AMBITION AND REALITY - THE FEDERALIZATION PROCESS OF THE ARCHAEOLOGICAL SOCIETY OF YUGOSLAVIA (1959-1972)  
Lorber, Crtomir (University of Ljubljana)
- 11:30 HURRYING UP SLAVS: INTRODUCTION OF SLAVIC ARCHAEOLOGY IN YUGOSLAVIA (1945 - 1960)  
Novakovic, Predrag (University of Ljubljana)
- 11:45 DISCUSSION SLOT

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## 412 PEOPLE ON THE MOVE: CHANGING GENES, CULTURES AND LANGUAGES

Time: 16:30 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Torv, Mari (Department of Archaeology, Institute of History and Archaeology, Faculty of Arts and Humanities, University of Tartu) - Tambets, Kristiina (Institute of Genomics, Institute of Genomics, University of Tartu) - Vesakoski, Outi (Department of Finno-Ugric Languages, University of Turku) - Moilanen, Ulla (Department of Archaeology, University of Turku) - Kask, Silvia-Kristiin (Department of Archaeology, Institute of History and Archaeology, Faculty of Arts and Humanities, University of Tartu)

### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 GENETIC ANCESTRY CHANGES IN STONE TO BRONZE AGE TRANSITION IN THE EAST EUROPEAN PLAIN  
Saag, Lehti (University of Tartu) - Vasilyev, Sergey (Russian Academy of Sciences) - D'Atanasio, Eugenia (Italian National Research Council) - Kivisild, Toomas (University of Tartu; KU Leuven) - Scheib, Christiana Lyn (University of Tartu; University of Cambridge) - Tambets, Kristiina - Kriiska, Aivar - Metspalu, Mait (University of Tartu)
- 17:00 THE ORIGIN AND GENOMIC LEGACY OF THE ETRUSCANS  
Posth, Cosimo (Archaeo- and Palaeogenetics group, Institute for Archaeological Sciences, University of Tübingen; Achaeogenetics Department, Max Planck Institute for the Science of Human History, Jena) - Zaro, Valentina (Department of Biology, University of Florence) - Spyrou, Maria (Archaeo- and Palaeogenetics group, Institute for Archaeological Sciences, University of Tübingen; Achaeogenetics Department, Max Planck Institute for the Science of Human History, Jena) - Vai, Stefania (Department of Biology, University of Florence) - Gneccchi-Ruscione, Guido (Achaeogenetics Department, Max Planck Institute for the Science of Human History, Jena) - McCormick, Michael (Initiative for the Science of the Human Past, Department of History, Harvard University) - Bondioli, Luca (Bioarchaeology Service, Museum of Civilizations, Rome) - Bos, Kirsten (Achaeogenetics Department, Max Planck Institute for the Science of Human History, Jena) - Caramelli, David (Department of Biology, University of Florence, Italy) - Krause, Johannes (Achaeogenetics Department, Max Planck Institute for the Science of Human History, Jena)



- 17:15 **CONNECTIONS IN LATE IRON AGE BALEARIC COMMUNITIES: THE CASE STUDY OF THE STAGGERED TURRIFORM OF SON FERRER**  
Salvador, Paloma - Calvo, Manuel (University of the Balearic Islands) - Santos, Cristina (Autonomous University of Barcelona) - García, Jaume (University of the Balearic Islands)
- 17:30 **DISCUSSION SLOT**
- 17:45 **MIGRATION PERIOD ELITES FROM LITHUANIA – LOCALS OR MIGRANTS? NEW INSIGHTS BASED ON ARCHAEOLOGICAL AND NATURAL SCIENCES DATA**  
Kurila, Laurynas - Simčienka, Edvardas (Lithuanian Institute of History; Vilnius University) - Piličiauskienė, Giedrė - Miliauskienė, Žydrūnė (Vilnius University) - Lidén, Kerstin (Stockholm University)
- 18:00 **MIGRATION AND ADMIXTURE EVENTS ON THE EURASIAN STEPPE AND THEIR IMPACT ON THE EARLY MEDIEVAL POPULATIONS OF THE VOLGA-URAL REGIONS**  
Gyuris, Balázs - Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network; Department of Genetics, ELTE-Eötvös Loránd University, Budapest) - Ringbauer, Harald (Department of Archeogenetics, MPI for Evolutionary Anthropology, Leipzig) - Türk, Attila (Faculty of Humanities and Social Sciences, Institute of Archeology, Pázmány Péter Catholic University) - Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 18:15 **DISCUSSION SLOT**

#### POSTERS:

- A. **ANCIENT DNA ANALYSIS OF EARLY MEDIEVAL ALAN POPULATIONS OF THE NORTH CAUCASUS**  
Dzhaubermezov, Murat (Institute of Biochemistry and Genetics - Subdivision of the Ufa Federal Research Centre of the Russian Academy of Sciences, Ufa; Department of Genetics and Fundamental Medicine, Bashkir State University, Ufa) - Gabidullina, Liliia (Department of Genetics and Fundamental Medicine, Bashkir State University, Ufa) - Ekomasova, Natalia - Khusnutdinova, Elza (Institute of Biochemistry and Genetics - Subdivision of the Ufa Federal Research Centre of the Russian Academy of Sciences, Ufa; Department of Genetics and Fundamental Medicine, Bashkir State University, Ufa) - Atabiev, Biyaslan (Ltd. Institute for Caucasus Archaeology) - Chagarov, Ongar (Laboratory of Contextual Anthropology at the Institute of Archaeology of the Russian Academy of Sciences) - Aybazov, Akhmat (Director of the Archaeological Museum of the Umar Aliev Karachay-Cherkess State University) - Metspalu, Mait - Villems, Richard - Tambets, Kristiina (Estonian Biocentre, Institute of Genomics, University of Tartu)

## 416 **VISIBLE TO THE EYE? TRANSMISSION OF IDEAS THROUGH EVERYDAY VISUAL CULTURE**

Time: 11:00 - 13:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Kurisoo, Tuuli (Tallinn University) - Sirkin, Annika (Centre for Baltic and Scandinavian Archaeology - ZBSA)

#### ABSTRACTS

- 11:00 **INTRODUCTION: EVERYDAY VISUAL CULTURE**  
Kurisoo, Tuuli (Tallinn University)
- 11:15 **TIMELESS DESIGN - BIRD SHAPE LADLES FROM THE STONE AGE TO SOUVENIR SHOPS**  
Iršenas, Marius (Vilnius Academy of Arts)
- 11:30 **MIGRATION PERIOD PICTURE STONES FROM GOTLAND – COMPARISONS TO OTHER STONE MONUMENTS AND METALWORK**  
Strehlau, Hannah (Centre for Baltic and Scandinavian Archaeology - ZBSA)

- 11:45 **TO SEE AND BE SEEN: ADOPTION OF ROMAN VISUAL CULTURE INTO FEMALE RELIGIOSITY OF DALMATIA**  
Mech, Anna (University of Warsaw)
- 12:00 **VISUALISING IDEOLOGIES: MANIFESTATIONS OF MODERNITY AND CONSERVATISM IN BRITISH PERIOD CYPRIOT DRESS**  
Hadjittofi, Petroula (University of Cyprus)
- 12:15 **EVERYDAY AESTHETICS: SENSORY EXPERIENCE AND MEDIEVAL MATERIAL CULTURE**  
Friedrich, Matthias (University of Vienna, Department of Prehistoric and Historical Archaeology)
- 12:30 **DISCUSSION SLOT**

## 428 **ADULT AGE-AT-DEATH IN PAST POPULATIONS: WIDENING HORIZONS OF METHODS, APPROACHES AND INTERPRETATIONS**

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Fuchs, Katharina - Müller-Scheessel, Nils - Rinne, Christoph (Kiel University) - Séguy, Isabelle (French Institute for Demographic Studies)

#### ABSTRACTS

- 14:30 **ADULT AGE-AT-DEATH ESTIMATION ACCURACY – WHAT IS THE ISSUE?**  
Fuchs, Katharina (Kiel University, Institute of Clinical Molecular Biology)
- 14:45 **ADULT AGE-AT-DEATH IN THE WINTHIR REFERENCE COLLECTION MUNICH – EVALUATION OF CURRENT ANTHROPOLOGICAL METHODS**  
Trautmann, Bernd - von Heyking, Kristin - Lee, Janette - Schratzenstaller, Barbara (The Bavarian Natural History Collections - SNSB, State Collection for Anthropology and Paleoanatomy Munich - SAPM) - Degenhart, Simon - Paulus, Christof (Ludwig-Maximilians-University Munich - LMU) - Harbeck, Michaela (The Bavarian Natural History Collections - SNSB, State Collection for Anthropology and Paleoanatomy Munich - SAPM)
- 15:00 **AS OLD AS YOU'RE TOLD. BIOARCHEOLOGICAL APPROACH TO AGE-AT-DEATH AND AGE CLASSES. A CASE STUDY FROM TAYMA, NORTHWEST ARABIA**  
Petiti, Emmanuele (DAI - Deutsches Archäologisches Institut)
- 15:15 **DISCUSSION SLOT**
- 15:30 **ANTE MORTEM TOOTH LOSS (AMTL) – VALID AGE ESTIMATOR AT DEATH FOR ADULT INDIVIDUALS OR TOOTHLESS TIGER?**  
Müller-Scheeßel, Nils - Rinne, Christoph (Institute for Pre- and Protohistory, Kiel University) - Fuchs, Katharina (Institute of Clinical Molecular Biology, Kiel University)
- 15:45 **PALEORADIOLOGY AND THE ARCHAEOLOGY OF AGING: NEW TOOLS TO ANSWER OLD (AGE) QUESTIONS**  
Van Schaik, Katherine (Harvard Medical School)
- 16:00 **THE INVISIBLE 'ELDERLY': ESTIMATING MATURE AGE-AT-DEATH IN BURNT ADULT HUMAN REMAINS USING THE FALYS-PRANGLE METHOD**  
Veselka, Barbara (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit Analytical, Environmental & Geochemistry, Department of Chemistry, Vrije Universiteit Brussel) - Hlad, Marta (Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Wolfe Steadman, Dawnie (Forensic Anthropology Center, Knoxville) - Annaert, Rica (Flemish Heritage Agency) - Capuzzo, Giacomo (Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles) - Dalle, Sarah - De Mulder, Guy - Sabaux, Charlotte (Department of Archaeology, University of Ghent) - Salesse, Kevin (Anthropology and Human Genetics, Department of Biology of Organisms and Ecology, Université Libre de Bruxelles; PACEA De la Préhistoire à l'Actuel: Culture, Environment et Anthropologie, Université de Bordeaux) - Snoeck, Christophe

(Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel; Research Unit Analytical, Environmental & Geochemistry, Department of Chemistry, Vrije Universiteit Brussel; G-Time Laboratory, Université Libre de Bruxelles)

- 16:15 **DISCUSSION SLOT**
- 16:30 **AGE-AT-DEATH, CONSANGUINITY AND ARCHAEOLOGY: LEVERAGING HUMAN REMAINS FOR CHRONOLOGY AND CHOROLOGY**  
Rosenstock, Eva (Freie Universität Berlin, Einstein Center Chronoi)
- 16:45 **R PACKAGE MORTAAR – LIFE TABLES AS ANALYTIC TOOL**  
Rinne, Christoph - Müller-Scheeßel, Nils (Kiel University)
- 17:00 **BAYESIAN APPROACHES IN PALEODEMOGRAPHY: ANSWERING THE QUESTION OF POORLY PRESERVED SKELETAL REMAINS**  
Lukasik, Sylwia (Institute of Human Biology and Evolution, Faculty of Biology, Adam Mickiewicz University in Poznań) - Bijak, Jakub (Department of Social Statistics and Demography, University of Southampton) - Krenz-Niedbała, Marta (Institute of Human Biology and Evolution, Faculty of Biology, Adam Mickiewicz University in Poznań) - Sinika, Vitaly (Archaeological Research Laboratory, Pridnestrovian State University named after T. G. Shevchenko)
- 17:15 **INDIRECT AGE ESTIMATION OF AN ADULT BURIED POPULATION**  
Seguy, Isabelle (Institut national d'études démographiques - Ined; Université de Nice Côte d'Azur, CNRS, CEPAM) - Batista Goulart, Luana (Université de Nice Côte d'Azur, CNRS, CEPAM) - Caussinus, Henri (Université Paul Sabatier, Toulouse) - Courgeau, Daniel (Institut national d'études démographiques - Ined)
- 17:30 **AN AORISTIC APPROACH TO POPULATION DEMOGRAPHY. DEALING WITH VARYING PRECISION IN AGE-AT-DEATH ESTIMATION IN AN EARLY MODERN POPULATION FROM SWITZERLAND**  
Moser, Daria (Institute of Clinical Molecular Biology, Kiel University) - Leder, Cora (Faculty of Archaeology, Leiden University) - Rindlisbacher, Laura (Integrative Prehistory and Archeological Science, University of Basel; Archäologische Bodenforschung Basel-Stadt) - Pichler, Sandra (Integrative Prehistory and Archeological Science, University of Basel)
- 17:45 **DISCUSSION SLOT**

#### POSTERS:

- A. **AGE-AT-DEATH ESTIMATION FROM THE SKELETON: DEEP ANALYSIS OF PELVIC ARTICULAR SURFACES USING DATA MINING AND MACHINE LEARNING METHODS**  
Koterova, Anezka (Department of Anthropology and Human Genetics, Faculty of Science, Charles University) - Buk, Zdenek - Stepanovsky, Michal (Faculty of Information Technology, Czech Technical University in Prague) - Bruzek, Jaroslav - Velemínska, Jana (Department of Anthropology and Human Genetics, Faculty of Science, Charles University)

## 432 PERSPECTIVES ON BRONZE AGE CHANGES

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Schaefer-Di Maida, Stefanie (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Raese, Hendrik (Institute of Pre- and Protohistoric Archaeology, CAU Kiel) - Filipovic, Dragana (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Melheim, Anne Lene (Museum of Cultural History Oslo, Department of Archaeology)

#### ABSTRACTS

- 14:30 **INTRODUCTION**

- 14:45 **CHANGES IN TEXTILE PRODUCTION IN THE BRONZE AGE AEGEAN**  
Siennicka, Malgorzata (University of Göttingen, Institute of Archaeology)
- 15:00 **SALT IN THE CENTRAL AND NORTH-CENTRAL ANATOLIA DURING THE BRONZE AGE**  
Dardeniz, Gonca (Istanbul University; Department of Protohistory and Near Eastern Archaeology)
- 15:15 **DISCUSSION SLOT**
- 15:30 **A MULTIDISCIPLINARY APPROACH TO COMMUNITY, SETTLEMENT AND SUBSISTENCE IN THE UPPER SEINE VALLEY (FRANCE) DURING THE BRONZE AGE**  
Peake, Rebecca (Inrap; UMR 6298) - Herrscher, Estelle (Aix Marseille Univ; LAMPEA) - Auxiette, Ginette (Inrap; UMR 7041) - Balter, Vincent (Ecole Normale Supérieure de Lyon; LGL-TPE) - Delattre, Valérie (Inrap; UMR 6298) - Gouge, Patrick (Département de Seine-et-Marne; UMR 6298) - Mordant, Claude (Université de Bourgogne; UMR 6298) - Roscio, Mafalda (Eveha; UMR 5138) - Toulemonde, Françoise (UMR 7209, Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements) - Varalli, Alessandra (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra)
- 15:45 **BRONZE AGE INNOVATIONS IN THE EUROPEAN FOOD-PRODUCTION SECTOR: AN ARCHAEOBOTANICAL VIEW FROM NORTHERN GERMANY**  
Filipovic, Dragana - Schaefer-Di Maida, Stefanie - Feeser, Ingo (Institute of Pre- and Protohistoric Archaeology, Christian Albrecht University, Kiel) - Dreibröd, Stefan (Institute for Ecosystem Research, Christian Albrecht University, Kiel) - Alsleben, Almuth (Akademie der Wissenschaften und der Literatur, Mainz) - Kneisel, Jutta - Kirleis, Wiebke (Institute of Pre- and Protohistoric Archaeology, Christian Albrecht University, Kiel)
- 16:00 **DISCUSSION SLOT**
- 16:15 **CHALLENGE OR CRISIS? – ABOUT STABILITY AND CHANGE OF COPPER CIRCULATION IN LATE BRONZE AGE SOCIETIES**  
Nessel, Bianka (Institute for Pre- and Protohistory, Johannes-Gutenberg University Mainz)
- 16:30 **ASPECTS OF MIDDLE BRONZE AGE INTERCOMMUNAL INTERACTION AND MATERIAL CULTURE APPROPRIATION IN CENTRAL AND EASTERN EUROPE**  
Staniuk, Robert (Institut für Ur- und Frühgeschichte CAU Kiel) - Romaniszyn, Jan - Makarowicz, Przemysław (Faculty of Archaeology, Adam Mickiewicz University in Poznan)
- 16:45 **SETTLING DOWN SOMEWHERE ELSE. CHANGING SETTLEMENT PRACTICES FROM THE LATE NEOLITHIC TO THE EARLY BRONZE AGE IN THE SOUTH-WEST BALTIC**  
Raese, Hendrik (Institute of Pre- and Protohistoric Archaeology, Kiel University)
- 17:00 **AT THE EDGE OF THE BRONZE AGE WORLD: A NEW APPROACH TO NORWAY'S POPULATION HISTORY**  
Melheim, Lene (Museum of Cultural History University of Oslo) - Skar, Birgitte (NTNU – Norwegian University of Science and Technology) - Armstrong-Oma, Kristin (Museum of Archaeology, University of Stavanger)
- 17:15 **DISCUSSION SLOT**
- 17:30 **THE LAST SEQUENCE OF THE BRONZE AGE IN TRANSYLVANIA IN A EUROPEAN CONTEXT**  
Wittenberger, Mihai (National History Museum of Transylvania)
- 17:45 **UP IN FLAMES: COMPARING PROVENANCE AND CONTEXT IN EARLY AND LATE BRONZE AGE CREMATION BURIALS FROM SEVERAL AREAS IN DENMARK**  
Reiter, Samantha (National Museum of Denmark) - Møller, Niels (Museum Thy) - Nielsen, Bjarne (Vesthimmerlands Museum) - Bech, Jens-Henrik - Olsen, Anne-Louise (Museum Thy) - Schjellerup Jørgkov, Marie (Copenhagen University) - Kaul, Flemming - Mannering, Ulla - Frei, Karin (National Museum of Denmark)
- 18:00 **RITESCAPES AT THE EDGE OF THE BRONZE AGE WORLD**  
Henriksen, Merete (NTNU University museum, Department of Archaeology and Cultural history) - Brück, Joanna (University College Dublin)
- 18:15 **DISCUSSION SLOT**

## POSTERS:

- A. PLANTS AS FOOD AND FUEL IN THE YOUNGER BRONZE AGE: THE EVIDENCE FROM DOBBIN, NORTH-EASTERN GERMANY  
Oelbüttel, Merle (Institut fuer Ur- und Fruehgeschichte Kiel) - Schroedter, Tim (freelance) - Kneisel, Jutta - Kirleis, Wiebke (Institut fuer Ur- und Fruehgeschichte Kiel)

## 436 CREATIVITY AND RESOURCEFULNESS ONLINE: HOW ARCHAEOLOGISTS AND HERITAGE EDUCATORS OVERCAME THE PANDEMIC AND REACHED THE PUBLIC IN NEW WAYS

Time: 16:30 - 18:30 CEST, 9 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute; ICArEHB- UAig) - Thomas, Ben (Archaeological Institute of America)

## ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 NOT THAT NEW, BUT STILL BETTER: ONLINE ENGAGEMENT DURING THE FIRST CONFINEMENT OF THE COVID-19 PANDEMIC IN SPAIN  
Almansa-Sanchez, Jaime (Incipit, CSIC)
- 17:00 A GLOBAL EVENT DURING A PANDEMIC: CELEBRATING INTERNATIONAL ARCHAEOLOGY DAY THROUGH ONLINE ACTIVITIES AND CONTENT  
Langlitz, Meredith - Thomas, Ben (Archaeological Institute of America)
- 17:15 COMMUNITY AND NETWORKS IN A DIGITAL AGE: COMING TOGETHER TO LEARN NEW WAYS TO PRESENT PUBLIC PROGRAMS DURING A PANDEMIC  
Thomas, Ben - Langlitz, Meredith (Archaeological Institute of America)
- 17:30 THE HERISTEM (STEM IN HERITAGE SCIENCES) PROJECT: COMMUNICATING ARCHAEOLOGY DURING THE PANDEMIC  
Vukovic, Jasna (Department of Archaeology, Faculty of Philosophy, University of Belgrade) - Šošić Klindžić, Rajna (Department of Archaeology, Faculty of Humanities and Social Sciences, University of Zagreb) - Babić, Staša (Department of Archaeology, Faculty of Philosophy, University of Belgrade) - Novaković, Predrag (Department of Archaeology, Faculty of Arts, University of Ljubljana)
- 17:45 INNOVATIVE WAYS OF EXPLAINING ARCHAEOLOGICAL HERITAGE IN TIMES OF COVID-19: THE USE OF DIGITAL MODELS AND 3D-PRINTING IN UNIVERSITY EDUCATION  
Díaz-Navarro, Sonia (University of Valladolid) - Sánchez de la Parra-Pérez, Santiago (University of Salamanca) - Tejedor-Rodríguez, Cristina - Rojo Guerra, Manuel (University of Valladolid)
- 18:00 RECRUITING NEW STUDENTS DURING THE LOCKDOWN  
Novakovic, Predrag (University of Ljubljana)
- 18:15 DISCUSSION SLOT

## 454 APPLIED ARCHAEOLOGY – NEW DIRECTIONS FOR THE DISCIPLINE IN A CHANGING WORLD

Time: 16:30 - 18:30 CEST, 9 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Round tableco-organisers to be provided)

Organisers: Horak, Jan (Czech University of Life Sciences in Prague, Faculty of Environmental Sciences) - Cembrzyński, Pawel (Christian-Albrechts-Universität zu Kiel, Cluster of Excellence ROOTS)

## ABSTRACT

Rapidly changing climate, growing inequalities, migration, and social changes pose a great challenge to social sciences and humanities. They are facing a question of their role and contribution in the modern world. Among them, archaeology and history seem to be especially entitled to provide insights into the modern-day problems because they study human development in long-term perspectives and the reasons behind social, economic, and environmental changes. Archaeology and history can evaluate past processes in their context and can overcome simplistic present-past analogies. They can provide such a context to other disciplines which use historical data, like environmental and life sciences, climatology, or sociology.

This session intends to create an opportunity for a meeting and discussion concentrated around a central Theme: has applied archaeology a viable potential for future? This central question leads us to a variety of important issues, like:

1. What does archaeology as a discipline need to be successfully applied?
2. Is there a viable network of specialists able to guide archaeology this way?
3. Archaeological data in other disciplines – ensuring their availability (and standardisation?), ensuring their correct interpretation.
4. Environmental and conservation issues – what people did in the past (human impact), how they dealt with the world (landscape / nature management).
5. How can archaeology contribute to present social issues like migration or racism?
6. How to correctly use historical parallels and how to deal with problems of ahistoricism (lack of correct context).
7. We invite to discuss and to be involved people from various fields of archaeology to share their view on applied archaeology. We believe it can create great potential for networking, sharing ideas and experiences, and looking for opportunities for future cooperation.

## 468 BIOSOCIAL ARCHAEOLOGY: WHEN ANCIENT DNA OPENS THE DISCUSSION TO SOCIAL STRUCTURES

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Rivollat, Maïté (PACEA, University of Bordeaux; MPI-SHH, Jena) - Szécsényi-Nagy, Anna (Institute of Archaeology Research Centre for the Humanities, Eötvös Loránd Research Network, Hungarian Academy of Sciences Centre of Excellence) - Hofmann, Daniela (Department of Archaeology, History, Cultural Studies and Religion, University of Bergen) - Cassidy, Lara (Molecular Population Genetics Lab, Trinity College Dublin) - Koncz, István (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest)

## ABSTRACTS

- 9:00 MAKING KIN: THE ARCHAEOLOGY AND GENETICS OF HUMAN RELATIONSHIPS  
Frieman, Catherine (Australian National University) - Bruck, Joanna (University College Dublin)
- 9:15 INVESTIGATING NEOLITHIC SOCIAL STRUCTURES ON THE BASIS OF UNPRECEDENTEDLY LARGE FAMILY TREES FROM THE SITE GURGY "LES NOISATS" IN FRANCE  
Rivollat, Maïté (University of Bordeaux, PACEA; Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena) - Ringbauer, Harald (Max Planck Institute for the Science of Human His-

tory, Department of Archaeogenetics, Leipzig) - Childebayeva, Ainash (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena) - Le Roy, Mélie (Queen's University Belfast, School of Natural and Built Environment, ArcPal) - Rey, Léonie (University of Bordeaux, PACEA) - Goude, Gwenaëlle (Aix Marseille University, CNRS, Ministry of Culture, LAMPEA) - Balter, Vincent (Ecole Normale Supérieure, Laboratoire de Géologie de Lyon) - Rottier, Stéphane - Deguilloux, Marie-France (University of Bordeaux, PACEA) - Haak, Wolfgang (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena)

- 9:30 ANCESTRY CHANGE AND KINSHIP ORGANISATION IN CHALCOLITHIC-EARLY BRONZE AGE BRITAIN: A CRITICAL ASSESSMENT OF MALE-DOMINATED MODELS**  
Bruck, Joanna (School of Archaeology, University College Dublin) - Booth, Tom (Francis Crick Institute)
- 9:45 DISCUSSION SLOT**
- 10:00 SALVAGING ADNA KINSHIP RESEARCH: A NECESSARY WAKE UP CALL AND REORIENTATION**  
Ensor, Bradley (Eastern Michigan University)
- 10:15 EARLY BRONZE AGE FAMILIES IN THE NORTHWESTERN CARPATHIAN BASIN**  
Szecsenyi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network) - Šefčáková, Alena (Department of Anthropology, Slovak National Museum-Natural History Museum) - Olalde, Inigo (Department of Genetics, University Pompeu Fabra) - Ringbauer, Harald (Department of Archaeogenetics, MPI EVA, Leipzig) - Bartík, Juraj - Farkaš, Zdeněk - Jelínek, Pavol (Slovak National Museum-Archaeological Museum) - Daňová, Klaudia (Archaeological Institute of the Slovak Academy of Sciences) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University)
- 10:30 HOME IS WHERE THE HEARTH IS: EXPLORING SEX BIAS IN GENETICALLY-ATTESTED MIGRATIONS IN PREHISTORIC EUROPE**  
Büster, Lindsey - Armit, Ian (University of York)
- 10:45 DISCUSSION SLOT**
- 11:00 SOCIAL BELONGING BETWEEN GENES AND PRACTICES**  
Stockhammer, Philipp (LMU Munich; MPI Jena)
- 11:15 GENETIC INSIGHTS INTO KINSHIP AND SOCIAL STRUCTURE OF AN IRON AGE COMMUNITY FROM TUVA, SOUTHERN SIBERIA**  
Keller, Marcel (Institute of Genomics, University of Tartu) - Caspari, Gino (Department of Archaeology, University of Sydney; Institute of Archaeological Sciences, University of Bern) - Milella, Marco (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Sadykov, Timur (Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg) - Blochin, Jegor (Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg) - Szidat, Sönke (Department of Chemistry and Biochemistry, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern) - Saag, Lehti (Institute of Genomics, University of Tartu) - Kivisild, Toomas (Department of Human Genetics, KU Leuven; Institute of Genomics, University of Tartu) - Lössch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Scheib, Christiana (Institute of Genomics, University of Tartu; St John's College, University of Cambridge)
- 11:30 GENETIC METHODS IN ARCHAEOLOGICAL RESEARCH ( FUNDED BY GOVERNMENT GRANT NO. 075-15-2019-1879)**  
Ochir-Goryaeva, Maria (Kalmyk Research Center Russian Academy of Sciences)
- 11:45 DISCUSSION SLOT**
- 12:00 KIN AND POWER IN EARLY CELTIC COMMUNITIES OF SOUTHWESTERN GERMANY**  
Gretzinger, Joscha - Mötsch, Angela (Max Planck Institute for the Science of Human History) - Schmitt, Felicitas - Francken, Michael (State Office for Cultural Heritage Baden-Wuerttemberg) - Rathmann, Hannes (Institute for Archaeological Sciences, Eberhard Karls University, Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen) - Wieland, Günther (State Office for Cultural Heritage Baden-Wuerttemberg) - Harvati, Katerina (Institute for Archaeological Sciences, Eberhard Karls University,

Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen; DFG Centre for Advanced Studies 'Words, Bones, Genes, Tools: Tracking Linguistic, Cultural and Biological Trajectories of the Human Past', Tübingen) - Schier, Wolfram (Institute for Prehistoric Archaeology, Free University Berlin) - Krausse, Dirk (State Office for Cultural Heritage Baden-Wuerttemberg; Institute of Prehistory, Early History and Medieval Archaeology, Eberhard Karls University, Tübingen) - Krause, Johannes - Schiffels, Stephan (Max Planck Institute for the Science of Human History; Max Planck Institute for Evolutionary Anthropology)

- 12:15 ANCIENT GENOMES REVEAL SOCIAL AND GEOGRAPHIC STRUCTURING OF THE POPULATION IN CARPATHIAN BASIN AT THE TIME OF THE AVAR EMPIRE**  
Gnecchi Ruscone, Guido Alberto (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Szécsényi-Nagy, Anna (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University) - Csiky, Gergely (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Cambridge; Broad Institute of Harvard and MIT; Howard Hughes Medical Institute, Harvard Medical School) - Vida, Tivadar (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network; Institute of Archaeological Sciences, Eötvös Loránd University) - Hofmanová, Zuzana (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Jeong, Choongwon (School of Biological Sciences, Seoul National University) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 12:30 MATERNAL LINEAGES FROM 10-11TH CENTURY COMMONER CEMETERIES OF THE CARPATHIAN BASIN**  
Maár, Kitti (Department of Genetics; University of Szeged) - Varga, Gergely - Kovács, Bence (Department of Archaeogenetics; Institute of Hungarian Research) - Schütz, Oszkár (Department of Genetics; University of Szeged) - Tihanyi, Balázs (Department of Archaeogenetics; Institute of Hungarian Research; Department of Biological Anthropology; University of Szeged) - Maróti, Zoltán (Department of Pediatrics and Pediatric Health Center; University of Szeged; Department of Archaeogenetics; Institute of Hungarian Research) - Nagy, István (SeqOmics Biotechnology Ltd.; Institute of Biochemistry; Biological Research Centre, Szeged) - Raskó, István (Institute of Genetics; Biological Research Centre, Szeged) - Neparáczki, Endre (Department of Archaeogenetics; Institute of Hungarian Research; Department of Genetics; University of Szeged) - Török, Tibor (Department of Genetics; University of Szeged; Department of Archaeogenetics; Institute of Hungarian Research)
- 12:45 DISCUSSION SLOT**
- 14:30 THE LATE-ANTIQUITY FUNERARY COMPLEX OF ITTENHEIM (ALSACE, BAS-RHIN). RE-READING OF ARCHAEO-ANTHROPOLOGICAL DATA AT THE DAWN OF GENOMICS**  
Pruvost, Melanie - Mendisco, Fanny (Université de Bordeaux, CNRS, UMR5199 PACEA) - Barrand-Emam, Héléne (ANTEA-Archéologie, UMR 7044) - Chenal, Fanny (Inrap Grand Est, UMR 7044)
- 14:45 INVESTIGATING KINSHIP PRACTICES THROUGH DENSE SPATIAL AND TEMPORAL SAMPLING OF 5-6TH CENTURY CEMETERIES IN PANNONIA**  
Koncz, István (Eötvös Loránd University, Institute of Archaeological Sciences) - Vyas, Deven (Department of Ecology and Evolution, Stony Brook University) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Mende, Balázs (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for the Science of Human History; Institute for Archaeological Sciences Archaeo- and Palaeogenetics, University of Tübingen) - Kay, Janet (Department of Art & Archaeology, Princeton University) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences) - Veeramah, Krishna (Department of Ecology and Evolution, Stony Brook University) - Geary, Patrick (School of Historical Studies, Institute for Advanced Study, Princeton)

- 15:00 **INVESTIGATING KINDREDS AND WAVES OF MIGRATION IN 6-8TH CENTURY NORTHERN ITALY THROUGH ARCHAEOLOGICAL AND PALEOGENOMIC ANALYSES**  
Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University) - Tian, Yijie (Department of Ecology and Evolution, Stony Brook University) - Modi, Alessandra (Dipartimento di Biologia, Università degli Studi di Firenze) - Giostra, Caterina (Dipartimento di Storia, Archeologia e Storia dell'Arte, Università cattolica del Sacro Cuore) - Kay, Janet (Department of Art & Archaeology, Princeton University) - Bedini, Elena (Dipartimento di Storia, Archeologia e Storia dell'Arte, Università cattolica del Sacro Cuore) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences) - Caramelli, David (Dipartimento di Biologia, Università degli Studi di Firenze) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for the Science of Human History; Institute for Archaeological Sciences Archaeo- and Palaeogenetics, University of Tübingen) - Geary, Patrick (School of Historical Studies, Institute for Advanced Study)
- 15:15 **USING ADNA AS PART OF A MULTI-PROXY APPROACH TO UNDERSTAND BIOLOGICAL AND SOCIAL KINSHIP OF UNUSUAL BURIALS FROM PORTMAHOMACK (SCOTLAND)**  
Fischer, Claire-Elise (Department of Archaeology, University of York) - Olalde, Iñigo (Institute of Evolutionary Biology, CSIC - Universitat Pompeu Fabra; Department of Genetics, Harvard Medical School) - Reich, David (Department of Human Evolutionary 46 Biology, Harvard University; Broad Institute of MIT and Harvard; Department of Genetics, Harvard Medical School, Boston; Howard Hughes Medical Institute, Boston) - Armit, Ian - Carver, Martin (Department of Archaeology, University of York) - Spall, Cecily (FAS HERITAGE)
- 15:30 **DISCUSSION SLOT**

#### POSTERS:

- A. **SURVIVAL OF ADNA IN TOOTH AND BONE SAMPLES FROM IRON AGE (7TH - 12TH CENTURIES AD) BURIALS IN LATVIA**  
Ranka, Renate - Ķīmsis, Jānis - Pokšāne, Alise (Latvian Biomedical Research and Study Centre) - Pētersone-Gordina, Elīna - Vilcāne, Antonija (Institute of Latvian History, University of Latvia) - Kazarina, Alisa (Latvian Biomedical Research and Study Centre) - Gerhards, Guntis (Institute of Latvian History, University of Latvia)

## 487 A NETWORK FOR AGENT-BASED MODELLING OF SOCIO-ECOLOGICAL SYSTEMS IN ARCHAEOLOGY (NASA)

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Session with keynote presentation and discussion

Organisers: Verhagen, Philip (Vrije Universiteit Amsterdam) - Daems, Dries (KU Leuven) - Romanowska, Iza (Aarhus University)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:30 **REASSESSING THE ROLE OF CLIMATE CHANGE IN THE EXPANSION OF AMAZONIAN FARMERS DURING THE LATE HOLOCENE**  
Gregorio de Souza, Jonas - Madella, Marco (Universitat Pompeu Fabra)
- 9:45 **AN ABM APPROACH TO THE NEOLITHIC SPREAD IN EUROPE AND AN ANCIENT GENETIC CLINE**  
Fort, Joaquim - Pérez-Losada, Joaquim (Universitat de Girona)
- 10:00 **EXPLORING ENVIRONMENTAL DETERMINISM WITH AGENT-BASED MODEL OF SETTLEMENT CHOICE**  
Sikk, Kaarel (University of Luxembourg)
- 10:15 **MODELING THE LANDSCAPE EVOLUTION AND LAND-USE IN EARLY BRONZE AGE AT HACILAR, IN SW ANATOLIA**  
Arikan, Bulent - Özdoğru, İnci (Istanbul Technical University)

- 10:30 **MODELLING GAIA: TOWARDS AN ACTOR-NETWORK MODELLING FRAMEWORK IN ARCHAEOLOGY**  
Ertsen, Maurits (Delft University of Technology)
- 10:45 **DISCUSSION SLOT**
- 11:00 **SIMULATING ROMAN ECONOMIES**  
Brughmans, Tom (Classical Archaeology and Centre for Urban Network Evolutions - UrbNet, Aarhus University)
- 11:30 **REPLICATION OF VILLAGE, AN AGENT-BASED MODEL OF SOCIO-ECOLOGICAL DYNAMICS IN THE NORTH AMERICAN SOUTHWEST**  
Allison, James (Brigham Young University)
- 11:45 **SIMULATING SUBSISTENCE AND RESOURCE EXPLOITATION STRATEGIES IN IRON AGE TO HELLENISTIC COMMUNITIES IN SOUTHWEST ANATOLIA**  
Boogers, Stef (Sagalassos Archaeological Research Project; KU Leuven) - Daems, Dries (Sagalassos Archaeological Research Project; KU Leuven; Middle East Technical University)
- 12:00 **LAND USE MODELLING IN THE DUTCH LIMES: A COMPARISON OF APPROACHES**  
Verhagen, Philip (Vrije Universiteit Amsterdam) - de Kleijn, Maurice (SplnLab, Vrije Universiteit Amsterdam)
- 12:15 **THE AGENCY OF CONNECTIONS. AT THE CROSSROAD BETWEEN ABM AND NETWORK MODELLING**  
Fulminante, Francesca (Bristol University; University Roma Tre) - Prignano, Luce (University of Barcellona) - Cozzo, Emanuele (Open University of Catalonia)
- 12:30 **EXPLORING CULTURAL AND ECONOMIC TRANSMISSION WITH AGENT-BASED MODELLING**  
Romanowska, Iza (Aarhus University) - Carrignon, Simon (University of Tennessee) - Brughmans, Tom (Aarhus University)
- 12:45 **DISCUSSION SLOT**
- 14:30 **KEYNOTE**
- 14:45 **SIMULATING MOVEMENT AND VISIBILITY OF ATLANTIC ROCK ART: AGENT-BASED MODELLING OF SCOTTISH CASE STUDIES IN NETLOGO**  
Bjerketvedt, Linda - Valdez-Tullett, Joana - Barnett, Tertia (Historic Environment Scotland) - Jeffrey, Stuart (School of Simulation and Visualisation, Glasgow School of Art) - Robin, Guillaume (School of History, Classics and Archaeology, University of Edinburgh)
- 15:00 **MODELLING APPROACHES IN EPIDEMIOLOGICAL RESEARCH OF THE PAST SOCIETIES - SANDBOX OF ANCIENT DISASTERS**  
Vlach, Marek - Komoróczy, Balázs (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 15:15 **HOW SOCIAL LEARNING SHAPES AMPHORA MAKING-TECHNIQUES DURING THE ROMAN EMPIRE**  
Coto-Sarmiento, Maria (University of Barcelona) - Carrignon, Simon (University of Tennessee; University of Cambridge)
- 15:30 **AN AGENT-BASED MODEL TO IMPROVE ARCHAEOLOGICAL SOCIAL NETWORK RECONSTRUCTIONS**  
Gravel-Miguel, Claudine - Bischoff, Robert (Arizona State University) - Padilla, Cecilia (University of Zurich)
- 15:45 **DISCUSSION SLOT**

## 500 INTEGRATING NEANDERTAL LEGACY: FROM PAST TO PRESENT

Time: 11:00 - 18:00 CEST, 9 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Mihelic, Sanjin (Archaeological Museum in Zagreb) - Leskovar, Tamara (Faculty of Arts, University of Ljubljana)



### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 **COST ACTION: INTEGRATING NEANDERTAL LEGACY: FROM PAST TO PRESENT (INEAL)**  
Jankovic, Ivor (Institute for Anthropological Research)
- 11:30 **A 2.0 CATALOGUE OF FOSSIL HOMINIDS: NEANDERTALS MOVING INTO THE 21ST CENTURY. A COMPREHENSIVE KNOWLEDGE REPOSITORY ON THE NEANDERTAL LEGACY**  
Voisin, Jean-Luc (CNRS, EFS, ADES, Aix-Marseille université) - Hermon, Sorin (The Cyprus Institute) - Benazzi, Stefano (Department of Cultural Heritage, University of Bologna) - Degioanni, Anna (Aix Marseille Université, CNRS, Ministère de la Culture, LAMPEA) - Hajdas, Irka (Laboratory of Ion Beam Physics, ETH Zurich) - Hajdu, Tamas (Eötvös Loránd University, Faculty of Science, Institute of Biology, Department of Biological Anthropology; Hungarian Natural History Museum, Department of Anthropology, Budapest) - Harvati, Katerina (Palaeoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls, University of Tübingen) - Janković, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Soficaru, Andrei Dorian (Department of Paleoanthropology, 'Fr. J. Rainer' Institute of Anthropology, Romanian Academy)
- 11:45 **NEANDERTHALS: NEW INSIGHTS FROM OLD BONES**  
Röding, Carolin (Paleoanthropology, University of Tübingen) - Harvati, Katerina (Paleoanthropology, University of Tübingen; DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', University of Tübingen; Museum of Anthropology, Medical School, National and Kapodistrian University of Athens)
- 12:00 **A TENTATIVE SUMMARY OF VARIATION IN TERMINOLOGY, INTERPRETATION, PROBLEMS AND PERSPECTIVES OF SMALL TOOL TECHNOLOGY BETWEEN NEANDERTHALS AND EARLY SAPIENS**  
Romagnoli, Francesca - Mellado, Miriam (Universidad Autónoma de Madrid) - Cieśła, Magda (Institute of Archaeology, Jagiellonian University) - Elefanti, Paraskevi (National & Kapodistrian University of Athens) - Mihailović, Dušan (University of Belgrade) - Pereira, Telmo (Universidade Autónoma de Lisboa Luís de Camões) - Peresani, Marco (Università di Ferrara) - Škrdla, Petr (Institute of Archaeology, Czech Academy of Sciences) - Stefański, Damian (Archeological Museum in Kraków) - Valde-Nowak, Paweł (Institute of Archaeology, Jagiellonian University)
- 12:15 **NEW ADVANCES IN ZOOARCHEOLOGICAL METHODS UNVEIL NEANDERTHAL BEHAVIOUR**  
Marin-Arroyo, Ana (Grupo de I+D+I Eoadapta. Universidad de Cantabria) - RIVALS, Florent (ICREA; Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art)
- 12:30 **THE MIDDLE PALEOLITHIC RESEARCH IN ROMANIA: DRAWBACKS AND ACHIEVEMENTS**  
Dobos, Adrian (Institute of Archaeology "Vasile Parvan", Bucharest)
- 12:45 DISCUSSION SLOT
- 14:30 **ON THE EDGE OF THE ICE SHEET, POLISH CONTRIBUTION TO THE RESEARCH ON THE NEANDERTAL MAN**  
Stefanski, Damian (Archaeological Museum in Kraków) - Cieśła, Magda - Valde-Nowak, Paweł (Institute of Archeology of the Jagiellonian University)
- 14:45 **NEANDERTAL MIGRATIONS THROUGH EUROPE AND THEIR LEGACY IN NORTHERN AND EASTERN FRANCE (MIS5-3)**  
Lamotte, Agnes - Desmadryl, Thomas (University of Lille)

- 15:00 **NEANDERTHAL OCCUPATION IN WESTERN IBERIA DURING THE MIS 6: THE MONTE DA REVELADA OPEN-AIR SITE**  
Pereira, Telmo (Universidade Autónoma de Lisboa. Departamento de História, Artes e Humanidades; Instituto Politécnico de Tomar, Instituto Terra e Memória, Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Cunha, Pedro (University of Coimbra, Dep. Earth Sciences; MARE - Marine and Environmental Sciences Centre) - Martins, António (Universidade de Évora, Departamento de Geociências; ICT - Instituto de Ciências da Terra) - Monteiro, Mário - Caninas, João - Henriques, Francisco (Emerita - Empresa Portuguesa de Arqueologia, Unipessoal Lda) - Paya, Alexandre (Câmara Municipal de Vila Velha de Ródão; Instituto Politécnico de Tomar, Instituto Terra e Memória, Centro de Geociências da Universidade de Coimbra)
- 15:15 DISCUSSION SLOT
- 15:30 **HOLDING ON. COMMUNICATION OF CONTENT DURING THE PANDEMIC. THE EXAMPLE OF THE NEANDERTHAL MUSEUM**  
Auffermann, Bärbel - Schneider, Beate (Neanderthal Museum)
- 15:45 **NEANDERTHAL RESEARCH, EARLY HUMAN HISTORY AND THE ISSUE OF MASCULINITY. THE ROLE OF GENDER IN SCHOLARLY AND POPULAR NEANDERTHAL DISCOURSE**  
Peeters, Susan (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam; Institute for Science in Society - ISiS, Radboud University Nijmegen) - Zwart, Hub (Erasmus School of Philosophy - ESPhil, Erasmus University Rotterdam)
- 16:00 **IN THE MIND'S EYE. COMMUNICATING NEANDERTAL RESEARCH THROUGH FICTION**  
Dielemans, Linda (Independent researcher)
- 16:15 DISCUSSION SLOT
- 16:30 **EXPLORING OPPORTUNITIES OF CROSS-BORDER DIGITAL HERITAGE APPLICATIONS USING EMBODIED INTERACTION IN VIRTUAL REALITY SIMULATIONS TO DISSEMINATE THE NEANDERTHAL LEGACY**  
Rodil, Kasper - Danevičius, Edvinas - Stief, Frederik (Aalborg University)
- 16:45 **"NEANDERTHAL: MEMORIES" I WRITING AN AUDIO GAME ABOUT NEANDERTALS**  
Riethus, Anna (Stiftung Neanderthal Museum)
- 17:00 DISCUSSION SLOT

### POSTERS:

- A. **LONG DISTANCE RAW MATERIALS IN THE MIDDLE PALAEOLITHIC OF NORTHERN HUNGARY: NEANDERTHALS OR ANATOMICALLY MODERN HUMANS, WHO DID WHAT?**  
Mester, Zsolt (Institute of Archaeological Sciences Eötvös Loránd University; UMR 7194 HNHP CNRS/MNHN/UPVD, Equipe NOMADE, Paris) - Lamotte, Agnès (UMR 8164 HALMA CNRS, University of Lille)
- B. **FRACTURED LEAFPOINTS FROM SAJÓBÁBONY (BÜKK MOUNTAIN, HUNGARY) : CULTURAL-SIGNATURE NEANDERTHAL LEGACY OR SHAPING/USING ACCIDENT?**  
Lamotte, Agnes (University of Lille) - Mester, Zsolt (University of Budapest) - Ringer, Arpad (University of Miskolc)

## 503 TOWARDS AN INCLUSIVE FUTURE: A STRATEGY FOR ROCK ART RESEARCH, MANAGEMENT AND SOCIAL VALUE

Time: 14:30 - 18:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Discussion session

Organisers: Valdez-Tullett, Joana (Historic Environment Scotland) - Figueiredo, Sofia (University of Minho) - Barnett, Tertia (Historic Environment Scotland) - Botica, Natália (University of Minho)

### ABSTRACTS

- 14:30 **INTRODUCTION**  
Valdez-Tullett, Joana (Historic Environment Scotland)
- 14:45 **ROCK ART DATA SHARING TOWARDS A MORE INCLUSIVE KNOWLEDGE**  
Botica, Natalia (Universidade do Minho; Lab2PT; Unidade de Arqueologia) - Figueiredo, Sofia (Universidade do Minho; Lab2PT) - Magalhães, Fernanda (Universidade do Minho; Lab2PT; Unidade de Arqueologia)
- 15:05 **TREASURES OF THE DESERT: VALUE OF COMMUNITY ENGAGEMENT IN ROCK ART MANAGEMENT WITHIN THE WADI RUM PROTECTED AREA, JORDAN**  
Groom, Kaelin (Stone Heritage Research Alliance LLC; Arizona State University) - Al-Noaimat, Saleh (Wadi Rum Protected Area)
- 15:25 **THE PREMEDIA PROJECT: A CROSS-BORDER STRATEGY FOR ROCK ART PAINTINGS IN A CROSS-BORDER REGION (SPAIN-PORTUGAL)**  
Comendador Rey, Beatriz Pilar (GEAT - Group of Studies of Archaeology, Antiquity and Territory, University of Vigo; GIDEP - Group of Educational Innovation in Heritage Education, University of Vigo) - Vilas Estévez, Benito (GEAT - Group of Studies of Archaeology, Antiquity and Territory, University of Vigo; GIDEP - Group of Educational Innovation in Heritage Education, University of Vigo; Árbore Arqueología e Restauración S. Coop) - Braña Rey, Fátima (Cultural Anthropology Area, University of Vigo) - Rodríguez González, Manuela Elizabeth (Group PE4 Images and Contexts, University of Vigo)
- 15:45 **DISCUSSION SLOT**
- 16:00 **AN EMPTY STOMACH HAS NO EARS: PROJECT TO INVOLVE DOURO VALLEY LOCAL COMMUNITIES IN THE IRON-AGE THROUGH ROCK ART HERITAGE**  
Figueiredo, Sofia (Lab2PT, Universidade do Minho) - Silva, Andreia - Maciel, José (Independent Researcher) - Figueiredo, Elin (CENIMAT/i3N - Centre for Materials Research, Universidade Nova de Lisboa) - Galarza, Javier (Lab2PT, Universidade do Minho) - Borges, Adriano (Departamentos de Ciências da Comunicação e de Sociologia, Universidade do Minho) - Botica, Natália (Lab2PT, Universidade do Minho; Unidade de Arqueologia, Universidade do Minho)
- 16:20 **WORKING TO AN INCLUSIVE MODEL OF DIALOGUE AND CROSS-CULTURAL EXCHANGE: FLUTEPLAYER IMAGERY IN CHACO CANYON, MEXICO**  
Vendome-Gardner, Charlotte (University of Exeter)
- 16:40 **DISCOVERING THE VALUE OF SCOTLAND'S ROCK ART THROUGH DIGITAL CO-PRODUCTION**  
Jeffrey, Stuart (School of Simulation and Visualisation, Glasgow School of Art) - Tertia, Barnett - Bjerketvedt, Linda Marie (Historic Environment Scotland) - Robin, Guillaume (School of History, Classics and Archaeology, University of Edinburgh) - Valdez-Tullett, Joana (Historic Environment Scotland)
- 17:00 **PROTECTING, PROMOTING AND TRANSMITTING THE AFRICAN ROCK ART HERITAGE AS A MEANINGFUL TRANS-CULTURAL AGENT**  
Gallinaro, Marina (Dipartimento di Scienze dell'Antichità - Università di Roma La Sapienza)
- 17:20 **DISCUSSION SLOT**

## 505 ON THE MOVE: INTERDISCIPLINARY APPROACHES IN STUDYING HUMAN MOBILITY

Time: 9:00 - 12:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Fernée, Christianne - Trimmis, Konstantinos (University of Bristol) - Drnić, Ivan (Archaeological Museum in Zagreb)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **PEOPLE'S STORIES: AN INTEGRATIVE BIOARCHAEOLOGICAL STUDY OF SHORT-TERM MOBILITY**  
Fernée, Christianne - Trimmis, Konstantinos (University of Bristol) - Drnić, Ivan (Archaeological Museum in Zagreb)
- 9:30 **HOW TO APPROACH MOBILITY IN THE LA TÈNE PERIOD? ADVANTAGES AND DISADVANTAGES OF THE COMBINED BIO-MOLECULAR ANALYSES AND MATERIAL EVIDENCE**  
Danielisova, Alzbeta - Bursák, Daniel (Institution of Archaeology of the CAS, Prague)
- 9:45 **BABY STEPS: A STUDY OF THE SHAPE OF CHILDHOOD MOBILITY**  
Stark, Sarah (UCL)
- 10:00 **ADNA AND THE ESTABLISHMENT OF DISCRIMINANT FUNCTIONS IN COMMINGLED REMAINS. PUNTA AZUL'S CASE (EL HIERRO, CANARY ISLANDS)**  
Ordóñez, Alejandra (Departamento de Bioquímica, Microbiología, Biología Celular y Genética. Universidad de La Laguna; Departamento de Geografía e Historia. Universidad de La Laguna) - Cockerill, Samuel (Departamento de Geografía e Historia. Universidad de La Laguna) - Serrano, Javier - Fregel, Rosa (Departamento de Bioquímica, Microbiología, Biología Celular y Genética. Universidad de La Laguna) - Arnay de la Rosa, Matilde (Departamento de Geografía e Historia. Universidad de La Laguna) - González Reimers, Emilio (Facultad de Medicina. Universidad de La Laguna)
- 10:15 **DISCUSSION SLOT**
- 10:30 **BIOMUSE: THE GENOMIC HERITAGE OF ANCIENT GREECE, BRINGING DIGITALISED BIOHISTORY IN MUSEUMS**  
Theodoroudi, Eleftheria (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Winkelbach, Laura (Palaeogenetics Group, Institute of Organismic and Molecular Evolution - iomE, Johannes Gutenberg University Mainz) - Ganiatsou, Elissavet (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Pukaj, Albert (Palaeogenetics Group, Institute of Organismic and Molecular Evolution - iomE, Johannes Gutenberg University Mainz) - Souleles, Angelos (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Bami, Maxime - Blöcher, Jens - Diekmann, Yoan - Burger, Joachim (Palaeogenetics Group, Institute of Organismic and Molecular Evolution - iomE, Johannes Gutenberg University Mainz) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- 10:45 **METHODOLOGICAL DEVELOPMENT OF DECONTAMINATING OSTEOLOGICAL MATERIALS COATED IN ANIMAL GLUES FOR STRONTIUM ISOTOPIC ANALYSIS**  
Wathen, Crista - Isaksson, Sven - Lidén, Kerstin (Stockholms Universitet)
- 11:00 **THE MYSTERY OF THE CENTURY. WHO WERE THE PEOPLE BURIED IN THE GRAVES WITH STONE SETTINGS IN MEDIEVAL POLAND?**  
Blaszczyk, Dariusz (Faculty of Archaeology, University of Warsaw)

- 11:15 **EMORPHROJECT: EXAMINING MOBILITY DEGREE OF PALAEO-LITHIC REINDEER THROUGH AN OSTEO-METRIC ANALYSIS OF METAPODIAL BONES AND PHALANGES IN COMBINATION WITH ML ALGORITHMS**  
Galán López, Ana Belén - Costamagno, Sandrine (TRACES (UMR 5608 CNRS)) - Burke, Ariane (Université de Montréal)

11:30 **DISCUSSION SLOT**

**POSTERS:**

- A. **INVESTIGATING PALEOMOBILITY PATTERNS AT THE SITE OF AMBOINA, BONAIRE (DUTCH CARIBBEAN), THROUGH ISOTOPIC ANALYSIS**  
Seferidou, Eleni - Laffoon, Jason (Faculty of Archaeology, Leiden University)

**510 HORSEMAN-HORSE COUPLE THROUGH TIME AND SPACE. PART 2**

Time: 9:00 - 13:00 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Binde, Marion (Université de Bordeaux; UMR 5199 PACEA,) - Bede, Ilona (Université Paris 1 Panthéon-Sorbonne; UMR 8167 Orient et Méditerranée - Monde byzantin) - Csiky, Gergely (Archaeological Institute of the Research Center for Humanities, Budapest)

**ABSTRACTS**

- 9:00 **BUCKLE UP! A COMPARISON OF LOCAL DECORATION STYLES ON PAZYRYK RIDING GEAR REGARDING SUPRA-REGIONAL EXCHANGE DURING THE 3RD CENTURY BC**  
Stümpel, Anna-Elisa (University of Groningen)
- 9:15 **THE INTERPLAY OF MATERIAL, SHAPE AND FUNCTION IN THE SPREAD OF STIRRUPS IN LATE ANTIQUE EURASIA**  
Csiky, Gergely (Archaeological Institute of the Research Center for Humanities)
- 9:30 **DID CHIEFS WHO BURIED IN A KOFUN BURIAL MOUND ACTUALLY RIDE HORSES?**  
Hashimoto, Hiroko (The Congenital Anomaly Research Center, Kyoto University) - Shimizu, Daisuke (Chubu Gakuin University)
- 9:45 **LIFE ON HORSEBACK? A STUDY OF THE "HORSE RIDING SYNDROME" IN AN AVAR POPULATION OF THE 7TH-8TH CENTURY**  
Bühler, Birgit (Vienna Institute for Archaeological Science - VIAS, University of Vienna; Department of Evolutionary Anthropology, University of Vienna) - Kirchengast, Sylvia (Department of Evolutionary Anthropology, University of Vienna)
- 10:00 **"TELL ME HOW YOU BURY YOUR HORSE, I'LL TELL YOU WHO YOU ARE"**  
Bede, Ilona (University Paris 1 Panthéon Sorbonne; UMR 8167 East and Mediterranean, Byzantine World)
- 10:15 **NOT EVEN "DEATH WILL DO US PART:" MEDIEVAL CASPIAN NOMADS AND THEIR HORSES IN LIFE AND AFTERLIFE**  
Shingiray, Irina (University of Oxford)
- 10:30 **DISCUSSION SLOT**
- 10:45 **OF HORSES AND MEN: ARCHAEOLOGICAL AND ARCHAEOZOOLOGICAL EVIDENCE FROM ROMAN AND EARLY MEDIEVAL SITES IN SLOVENIA**  
Karo, Špela (Institute for the Protection of Cultural Heritage of Slovenia, Centre for Preventive Archaeology) - Toškan, Borut (Research Centre SAZU Institute of Archaeology)

- 11:00 **WERE THEY RIDERS? IDENTIFICATION OF RELIABLE HORSE RIDING-RELATED SKELETAL CHANGES FROM THE BIOARCHAEOLOGICAL ANALYSIS OF A HUNGARIAN CONQUEST PERIOD POPULATION**  
Berthon, William (Chair of Biological Anthropology Paul Broca, EPHE, PSL University; Department of Biological Anthropology, University of Szeged; UMR 5199 PACEA, CNRS/University of Bordeaux) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeology, University of Szeged) - Révész, László (Department of Archaeology, University of Szeged) - Coqueugnot, Hélène (Chair of Biological Anthropology Paul Broca, EPHE, PSL University; UMR 5199 PACEA, CNRS/University of Bordeaux; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Dutour, Olivier (Chair of Biological Anthropology Paul Broca, EPHE, PSL University; UMR 5199 PACEA, CNRS/University of Bordeaux; Department of Anthropology, University of Western Ontario) - Pálfi, György (Department of Biological Anthropology, University of Szeged)

- 11:15 **HORSE-MAN COUPLE IN WEST SLAVONIC TRIBES OF THE EARLY MEDIEVAL (POLAND)**  
Makowiecki, Daniel - Chudziak, Wojciech (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences, Warsaw) - Janeczek, Maciej (Department of Animal Physiology and Biostructure, Wrocław University of Environmental and Life Sciences) - Wiejacka, Martyna (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Popovic, Danijela (Laboratory of Paleogenetics and Conservation Genetics Centre of New Technologies, University of Warsaw)

- 11:30 **WARHORSE – A MEDIEVAL REVOLUTION?**  
Benkert, Helene - Creighton, Oliver - Outram, Alan - Ameen, Carly (University of Exeter)

- 11:45 **HORSE HARNESS DECORATIONS FROM BOHEMIA AND TRACES OF ITS PRODUCTION IN THE 8TH CENTURY**  
Profantová, Nadezda (Institute of Archaeology of the Czech Academy of Sciences in Prague)

- 12:00 **DECORATED HARNESS LIKE A CULTURAL AND SOCIAL WITNESSES OF SCANDINAVIANS AT THE 9TH - 11TH CENTURIES OF ANCIENT RUS**  
Novikov, Vasily (The Russian Academy of Sciences Institute of Ethnology and Anthropology - IEA; LCC "Energotransproekt")

- 12:15 **HOW FAST WAS THE TRAIN, NEEDED BY THE HEROIC MOUNTED WARRIOR?**  
Bauer, Anna (Independent Researcher)

12:30 **DISCUSSION SLOT**

**522 SHAPING A DISCIPLINE: KNOWLEDGE TRANSMISSION AND EXCHANGE IN THE HISTORY OF ARCHAEOLOGY. PART 2**

Time: 14:30 - 18:00 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Coltofean-Arizancu, Laura (University of Barcelona) - Martins, Ana Cristina (IHC-FCSH NOVA – Pólo Universidade de Évora and Uniarq-UL) - Arnold, Bettina (University of Wisconsin-Milwaukee)

**ABSTRACTS**

- 14:30 **BETWEEN EAST AND WEST: FRANCIS BALODIS AND THE FORMATION OF LATVIAN ARCHAEOLOGY IN THE 1920S AND 1930S**  
Sne, Andris (University of Latvia)
- 14:45 **THE ARCHAEOLOGICAL SITE OF NOIN-ULA. ONE HUNDRED YEARS OF COOPERATION BETWEEN RUSSIA AND MONGOLIA**  
Sutiagina, Natalia (The State Hermitage Museum) - Medvedeva, Maria (The Institute for the History of Material Culture, Russian Academy of Sciences)
- 15:00 **ARCHAEOLOGICAL KNOWLEDGE TRANSMISSION AT THE AMERICAN COLLEGE FOR GIRLS AT CONSTANTINOPLE (1890-1927): CHANNELS, AIMS AND CHALLENGES**  
Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona)



- 15:15 THE CONTRIBUTION OF SEMNI KAROUZOU TO THE STUDY OF CLASSICAL POTTERY  
Pateraki, Kleanthi (Independent Researcher)
- 15:30 ENGENDERING NETWORKS DURING THE SPANISH TRANSITION (1975-1980S) AND THE RECEPTION OF GENDER ARCHAEOLOGY IN SPAIN  
Zarzuela, Paloma (Universitat de Barcelona - UB) - Díaz-Andreu, Margarita (ICREA, Universitat de Barcelona - UB)
- 15:45 DISCUSSION SLOT
- 16:00 FROM PRODUCTION TO CONSUMPTION: A CRITICAL MAPPING OF THE ARCHAEOLOGICAL PRODUCT IN GREECE  
Daravigka, Klea - Chourmouziadi, Anastasia - Stavridopoulos, Yiannis (Aegean University)
- 16:15 THE 'WESTERN GAZE' AND ITS ROLE IN INTERPRETING LANDSCAPE - EXAMPLES FROM CROATIA  
Igljic, Sara - Kulenovic, Igor (University of Zadar)
- 16:30 THE TRANSMISSION OF WESTERN KNOWLEDGE AND THE CONFIGURATION OF MUSEOLOGY: THE CANARIAN EMBALMED BODIES AS A CASE STUDY  
Farrujia de la Rosa, Jose (Universidad de La Laguna)
- 16:45 FATHER WILHELM SCHMIDT, THE VIENNA SCHOOL AND THE INFLUENCE OF INDIGENOUS BELIEFS IN THE VATICAN MUSEUM  
Aigner, Katherine (The Australian National University)
- 17:00 DISCUSSION SLOT

## 525 OF THE WATER: FISH AND MOLLUSCS IN THE ANCIENT EASTERN MEDITERRANEAN

Time: 9:00 - 16:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Tsouparopoulou, Christina (University of Cambridge) - Recht, Laerke (University of Graz)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 ENDLESS ROWS OF FISH! AQUATIC LIFE IN URUK PERIOD MESOPOTAMIA  
Sieckmeyer, Kristina (Heidelberg University, Heidelberg Center for Cultural Heritage)
- 9:30 THE USE OF INGREDIENTS FROM FISH BY THE MESOPOTAMIAN THERAPIST  
Chalendar, Véréne (Collège de France)
- 9:45 DISCUSSION SLOT
- 10:00 CORRELATION BETWEEN STONES AND ICONOGRAPHY: FISH-CLOAKED FIGURE ON NEO-ASSYRIAN AND NEO-BABYLONIAN SEALS  
Ftaimi, Tiffany (Ruprecht-Karls-Universität Heidelberg)
- 10:15 MEDITERRANEAN CLAMOUR! REVISED DATING AND PATTERNS OF DISTRIBUTION OF ENGRAVED TRIDACNA SQUAMOSA MOLLUSCS  
Schlegel, Valery (University of Zurich)
- 10:30 SHELLS IN MIDDLE KINGDOM EGYPT JEWELLERY  
Patrevida, Maria (University of Naples "L'Orientale")
- 10:45 DISCUSSION SLOT

- 11:00 ENDURING LOVE? SHELL ORNAMENTS AND LANDSCAPE INTERACTIONS DURING THE TRANSITION TO SETTLED LIFE  
Baysal, Emma (Ankara University)
- 11:15 EXPLORING PAST EXPLOITATION STRATEGIES OF GROUPERS IN THE LEVANT USING SIZE RECONSTRUCTIONS  
Winter, Rachel - Çakirlar, Canan (University of Groningen)
- 11:30 FRESH INSIGHTS INTO THE CONSUMPTION OF PRESERVED MOLLUSKS IN THE BYZANTINE AND EARLY ISLAMIC PERIODS OF THE SOUTHERN LEVANT  
Ktalav, Inbar (Zinman Institute of Archaeology, University of Haifa) - Lehnig, Sina (Johannes Gutenberg Universität Mainz)
- 11:45 DISCUSSION SLOT
- 12:00 EXPLORING THE MULTI-DIMENSIONAL SYNTHESIS OF FISHING ACTIVITY: THE CASE STUDY OF CYPRUS  
Michael, Maria (University of Southampton; Honor Frost Scholar)
- 12:15 UNDERREPRESENTED RICHES FROM THE SEA  
Yamasaki, Mari (GRK 1876 "Early Concepts of Man and Nature", Johannes Gutenberg-Universität Mainz)
- 12:30 "PONTON ICHTHYOENTA". MARINE CREATURES ON AEGEAN AND CYPRIOT PICTORIAL POTTERY AT THE END OF LATE BRONZE AGE  
Lekka, Anna (Greek Ministry of Culture)
- 12:45 DISCUSSION SLOT
- 14:30 FISHING IN VERGINA. FISHING GEAR AND BURIAL RITUAL FISH REMAINS FROM THE MACEDONIAN HINTERLAND  
Stamatopoulou, Vasiliki (The Greek Ministry of Culture /Ephorate of Antiquities of Thessaloniki City; Aristotle University of Thessaloniki Vergina Excavation Project; The Hellenic Open University)
- 14:45 DISCUSSION SLOT

## 530 BREAKING POINTS. MEDIEVAL AND MODERN SOCIETIES IN TRANSITION THROUGH MATERIAL CULTURE

Time: 9:00 - 12:30 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: García-Porrás, Alberto - Busto-Zapico, Miguel (Universidad de Granada) - Cirelli, Enrico (Università di Bologna) - Zavagno, Luca (Bilkent University) - Teixeira, André (Universidade NOVA de Lisboa)

### ABSTRACTS

- 9:00 TRANSFER OF CRAFTSMANSHIP KNOWLEDGE IN LATE ANCIENT-EARLY MEDIEVAL MEDITERRANEAN SOCIETIES: PRODUCTION OF GLAZED CERAMICS AND DEVELOPMENT OF NEW TECHNOLOGIES.  
Cirelli, Enrico (Università di Bologna)
- 9:15 BYZANTINE ISLANDS IN TRANSITION (CA.600-CA.900): AN ARCHAEOLOGICAL PERSPECTIVE  
Zavagno, Luca (Bilkent University)
- 9:30 "EVERYTHING MUST TO CHANGE SO THAT NOTHING CHANGES": THE TRANSITIONAL CONTINUITY OF THE TÜR 'ABDİN REGION  
Sommella, Virginia (Bilkent University)
- 9:45 CERAMIC PRODUCTION AND SOCIAL CHANGE IN THE SOUTH-EAST OF THE IBERIAN PENINSULA BETWEEN THE ISLAMIC AND CHRISTIAN PERIODS  
Busto-Zapico, Miguel - García-Porrás, Alberto (University of Granada)

- 10:00 **FROM MAJOLICA TO SLIPWARE: THE LONG TRANSITION TO THE MODERN ERA IN THE PISAN CERAMIC PRODUCTIONS**  
Giorgio, Marcella (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Pisa e Livorno)
- 10:15 **DISCUSSION SLOT**
- 10:30 **CROSSING CONTEXTS. THE SYNCHRONIC AND DIACHRONIC ROUTES OF MEDIEVAL POTTERY TO RECONSTRUCT LOCAL CONTEXTS AND HISTORICAL PROCESSES**  
Panetta, Alessandro (University of Genoa)
- 10:45 **PLATES YOU CAN EAT: ARCHAEOLOGICAL CHARACTERIZATION OF BUCARO POTTERY FROM PANAMA**  
Inanez, Javier (University of the Basque Country UPV/EHU)
- 11:00 **THE CHANGE IN TEXTILE PRODUCTION IN AL-ANDALUS (8TH-13TH CENTURIES): A PROCESS OF SPECIALISATION FROM THE ARCHAEOLOGICAL PERSPECTIVE**  
Moreno Narganes, José María (University of Alicante)
- 11:15 **DRESS - DESIGNING FASHION FROM 16TH-CENTURY SOURCES. AN ARCHAEOLOGICAL FOOTWEAR STUDY**  
Garcia, Ana Catarina - Pinto, Carla (CHAM - Center for Humanities)
- 11:30 **DISCUSSION SLOT**

#### POSTERS:

- A. **POTTERY PRODUCTION AT THE TOWN OF QUART (CATALONIA, SPAIN): AN EXPONENT OF CRAFT EVOLUTION BETWEEN MEDIEVAL AND MODERN TIMES**  
Travé Allepuz, Esther (Universitat de Barcelona) - Vicens Tarré, Joan (Universitat Oberta de Catalunya)
- B. **MEDIEVAL SPACES OF VERANES (ASTURIAS, SPAIN). ANALYSIS OF A DOMESTIC STRUCTURE FOUND IN THE NORTHERN COURTYARD OF A ROMAN VILLA**  
Busto-Zapico, Miguel (University of Granada) - Gil Sendino, Fernando - Fernández Ochoa, Carmen (Universidad Autónoma de Madrid) - Gutiérrez González, José Avelino (Universidad de Oviedo)

### 541 PASTORALISM OF THE PAST: INSIGHTS INTO SOCIAL, CULTURAL AND ENVIRONMENTAL (IN)STABILITY

Time: 14:30 - 17:30 CEST, 9 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Alaica, Aleksa (University of Toronto) - Windle, Morgan (University of Kiel)

#### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **NESS OF BRODGAR'S SEAWEED-EATING SHEEP: ADAPTATIONS TO AN ISLAND ARCHIPELAGO ENVIRONMENT ON NEOLITHIC ORKNEY, SCOTLAND**  
Blanz, Magdalena (University of Vienna; University of the Highlands and Islands) - Mainland, Ingrid (University of the Highlands and Islands) - Balasse, Marie (Muséum National d'Histoire Naturelle) - Card, Nick (University of the Highlands and Islands) - Ascough, Philippa (Scottish Universities Environmental Research Centre) - Fiorillo, Denis (Muséum National d'Histoire Naturelle) - Taggart, Mark (University of the Highlands and Islands) - Feldmann, Jörg (University of Graz)
- 15:00 **WHERE DID THE SHEEP GO? COMBINING ZOOARCHAEOLOGICAL AND ISOTOPIC EVIDENCE TO ASSESS CAPRINE MOBILITY IN CLASSICAL-HELLENISTIC THESSALY, CENTRAL GREECE**  
Filioglou, Dimitrios (University of Groningen) - Valenzuela, Silvia (Consejo Superior de Investigaciones Científicas-Institució Milà i Fontanals - CSIC-IMF)

- 15:15 **PASTORALISM OF THE PAST: THE ROLE OF THE UPLANDS IN PREHISTORIC AND ANCIENT SICILY**  
Forgia, Vincenza - Burgio, Aurelio - Canale, Alessandra (Dipartimento Culture e Società, Università di Palermo) - Martín, Patricia (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art; SERP, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Messana, Chiara - Ollé, Andreu - Vergès, Josep Maria (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art)
- 15:30 **CAMELS AND CARNIVORES: EXPLORING THE TRILATERAL RELATIONSHIP BETWEEN PASTORALISTS, LIVESTOCK, AND LARGE PREDATORS THROUGH ROCK ART FROM NORTH-EASTERN JORDAN**  
Brusgaard, Nathalie (University of Groningen)
- 15:45 **PASTORALISM MAY CONTRIBUTE TO RESOURCE PREDICTABILITY IN THE LATER STONE AGE OF THE SOUTHERN AFRICAN CENTRAL INTERIOR**  
Cameron, Michelle (University of Toronto)
- 16:00 **PASTORAL POLITICS AND TRANSFORMING ANIMAL MANAGEMENT STRATEGIES: INSIGHTS ON CAMELID HUSBANDRY FROM THE ARID NORTH COAST OF PERU**  
Alaica, Aleksa (University of Toronto)
- 16:15 **PASTORAL LANDSCAPES: A METHODOLOGICAL APPROACH TO THE STUDY OF PASTORALISM AND LANDSCAPE CHANGE**  
Domingo Ribas, Guillem - Carrer, Francesco (Newcastle University)
- 16:30 **DISCUSSION SLOT**

#### POSTERS:

- A. **SUBSISTENCE ECONOMY IN THE IRON AGE SETTLEMENT OF SAHARNA MARE (REPUBLIC OF MOLDAVIA). ARCHAEOZOOLOGICAL DATA**  
Malaxa, Daniel - Stanc, Simina (Alexandru Ioan Cuza University of Iasi) - Zancu, Aurel (Moldova State University of Chisinau, Republic of Moldavia) - Mototolea, Aurel (National History and Archaeology Museum of Constanța, Romania) - Bejenaru, Luminița (Alexandru Ioan Cuza University of Iasi)

### 546 IDIOSYNCRATIC BURIALS: INTERPRETING THE POLITICS OF DEATH AND DEAD BODIES

Time: 14:30 - 18:30 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Szeverenyi, Vajk (Déri Múzeum, Debrecen) - Polányi, Tamás (Independent scholar)

#### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **EVERYDAY LIFE OF DEATH: ACCESSING HISTORY ON A HUMAN SCALE**  
Polanyi, Tamas (Independent Scholar)
- 15:00 **BEYOND THE GRAVE: INTERPRETING PROCESS AND PERFORMANCE IN THE MORTUARY ARCHAEOLOGY OF ROMAN BRITAIN**  
Phillips, Reanna (University of Chester)
- 15:15 **DISCUSSION SLOT**
- 15:30 **MANAGING DEATH IN EAST CRETE DURING LM III PERIOD**  
Psallida, Maria (Archaeologist; Ministry of Culture and Sports)

- 15:45 **PLAYING WITH FIRE: PARTIAL CREMATIONS AND MORTUARY VARIABILITY IN THE EARLY MEDIEVAL BALKANS**  
Parvanov, Petar (Department of Medieval Studies, Central European University)
- 16:00 **THE BURIAL GROUND MAKSIMOVKA I – THE MONUMENT TO THE ENEOLITHIC AGE IN THE FOREST-STEPPE VOLGA REGION**  
Shalapinin, Anton - Korolev, Arkady (Samara State Social Pedagogical University)
- 16:15 **DISCUSSION SLOT**
- 16:30 **A “MASS GRAVE” FROM THE MIDDLE BRONZE AGE SETTLEMENT OF TISZAFÜRED, EASTERN HUNGARY: THE PRELIMINARY RESULTS OF MULTIDISCIPLINARY ANALYSES**  
Kiss, Viktória (Institute of Archaeology, HAS) - Mester, Edit (Pál Kiss Museum, Tiszafüred) - Dani, János (Déri Museum, Debrecen) - Gál, Erika (Institute of Archaeology, HAS) - Hajdu, Tamás (Institute of Biology, University Eötvös Loránd, Budapest; Hungarian Natural History Museum) - Kovács, Gabriella (Matrica Museum, Százhalombatta) - Kulcsár, Gabriella (Institute of Archaeology, HAS) - Szeniczey, Tamás (Institute of Biology, University Eötvös Loránd, Budapest) - Szeverényi, Vajk (Déri Museum, Debrecen) - Gémes, Anett (Institute of Biology, University Eötvös Loránd, Budapest)
- 16:45 **DING DONG BELL, BODIES IN THE WELL. WHO PUT THEM IN...?**  
Aulsebrook, Stephanie (University of Warsaw)
- 17:00 **BETWEEN PATTERN AND IDIOSYNCRASY: HUMAN REMAINS FROM SETTLEMENTS IN THE BRONZE AGE CARPATHIAN BASIN**  
Szeverenyi, Vajk (Déri Múzeum, Debrecen)
- 17:15 **DISCUSSION SLOT**
- 17:30 **GLASS BURIAL SUITS AND GLASS PLAQUES IN HAN MORTUARY RITUALS**  
Lam, Eileen Hau-ling (Education University of Hong Kong)
- 17:45 **THE BOOK OF THE DEAD BENEATH HEAD OF THE MUMMY ON THE COFFINS FROM THE CACHE-TOMB OF BAB EL-GASUS**  
Abdelfattah, Asmaa (Egyptian museum, Cairo; Cairo University) - Abdel Ghany, Khaled (Georg-August University, Göttingen) - Eissa, Ahmed (Cairo University)
- 18:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **PRONE BURIALS IN LITHUANIA DURING THE LATE MODERN PERIOD**  
Paskonyte, Jurate (Klaipėda University, Šiauliai)

## 684 **IMAGINATIONS AND IMAGINARIES OF THE PALAEO-LITHIC AND MESOLITHIC – DISTORTED VIEWS, EMBELLISHMENT, AND WHAT WE MAKE OF IT**

Time: 9:00 - 11:00 CEST, 9 September 2021

Theme: 6. Material culture studies and societies

Format: Discussion session

Organisers: Grimm, Sonja (ZBSA - Centre of Baltic and Scandinavian Archaeology) - Hussain, Shumon (Aarhus University)



#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **BECAUSE THEY SAID SO! PITFALLS IN THE DATING OF ‘MESOLITHIC’ SITES IN ALPINE CONTEXTS – AN AUSTRIAN EXAMPLE**  
Posch, Caroline (Department of Archaeologies, University of Innsbruck)

- 9:21 **WRITING THE IRISH MESOLITHIC**  
Warren, Graeme (University College Dublin)
- 9:27 **THE MESOLITHIC BURIAL OF BAD DÜRRENBURG AND THE IMAGINATION OF SHAMANISM**  
Porr, Martin (University of Western Australia)
- 9:33 **PICTURES WITH A PAST – VISUAL REPRESENTATIONS OF PALEOLITHIC HUMANS AND THE THEORIES BEHIND THEM**  
Fries, Jana (Niedersächsisches Landesamt für Denkmalpflege)
- 9:39 **DISCUSSION SLOT**

## 692 **GENERAL SESSION: ENVIRONMENTAL IMPACTS ON HISTORY**

Time: 16:30 - 18:30 CEST, 9 September 2021

Format: Regular session

Chair: to be confirmed

#### ABSTRACTS

- 16:30 **UNDERSTANDING THE EARLY COASTAL CONTACTS THROUGH NEWLY DISCOVERED ONSHORE ARCHAEOLOGICAL SITES IN COASTAL WEST BENGAL, INDIA**  
Ghosh, Ahana (Doctoral Fellow in Archaeological Sciences at Indian Institute of Technology-Gandhinagar)
- 16:45 **HOLOCENE COASTAL ENVIRONMENTAL DYNAMICS AND THE ROLE OF SEA-LEVEL, CLIMATE AND HUMAN IMPACT IN MARANHÃO STATE, NORTHEASTERN BRAZIL**  
de Moraes, Caio (Georg-August-Universität Göttingen) - Lima da Costa, Marcondes (Federal University of Pará, Institute of Geosciences, Faculty of Geology) - Guida Navarro, Alexandre (Federal University of Maranhão, Laboratory of Archeology) - Nunes da Silva Meneses, Maria (Federal University of Tocantins, Laboratory of Soils) - Boiadeiro Ayres Negrão, Leonardo (Martin Luther University Halle-Wittenberg, Research Group Mineralogy, Institute of Geosciences and Geography) - Behling, Hermann (University of Goettingen, Department of Palynology and Climate Dynamics)
- 17:00 **ENVIRONMENTAL, FIRE AND HUMAN HISTORY OF THE EAST EUROPEAN FOREST-STEPPE FROM LATE GLACIAL TO PRESENT – STUDY SITE ZAMOSTYE**  
Lukanina, Ekaterina - Shumilovskikh, Lyudmila (Georg-August-Universität Göttingen)
- 17:15 **THE FUR TRADE, MARKET INTEGRATION, AND HUMAN-ENVIRONMENT INTERACTIONS IN NORTHERN ALASKA: DATA FROM THE WALAKPA SITE**  
Jones, Emily Lena - Judkins, Abigail (University of New Mexico)
- 17:30 **THE IMPACT ON THE ENVIRONMENT OF THE NEOLITHIC PERIOD GÖBEKLİ TEPE EXCAVATION AND THE FIGURINE DIALECTIC IN ANATOLIA**  
Sozer Kolemenoglu, Selma (Universidad Empresarial De Costa Rica)
- 17:45 **DISCUSSION SLOT**

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**693 GENERAL SESSION: ARCHAEOLOGY AND THE PUBLIC**

Time: 11:00 - 13:00 CEST, 9 September 2021

Format: Regular session

Chair: to be confirmed

**ABSTRACTS**

- 11:00 **ROLE OF SOCIAL MEDIA AS AN INFLUENCER IN HERITAGE CONSERVATION INITIATIVES IN INDIA**  
Ghosh, Ahana (Archaeological Sciences -Indian Institute of Technology-Gandhinagar) - Konar, Snigdha (Department of Archaeology, University of Calcutta)
- 11:15 **TRUST AND TRIBULATIONS; HOW CITIZEN SCIENTISTS IN ONTARIO, CANADA CAN HELP ARCHAEOLOGISTS WITHIN PLOUGHZONE CONTEXTS**  
Beaulieu, Kiara (University of Birmingham)
- 11:30 **EXPERIENCES AND EMOTIONS IN THE NOTEBOOK PAGES OF THE FINNISH POWS FROM THE ISLE OF MAN**  
Ylimaunu, Timo (University of Oulu) - Mytum, Harold (University of Liverpool)
- 11:45 **THE TROUBLESOME CASE OF A HUMAN SKELETON, POSSIBLY OF A CALIFORNIA INDIAN, IN A SWEDISH MUSEUM COLLECTION**  
Wärmländer, Sebastian (Stockholm University)
- 12:00 **EMOTIONAL ARCHEOLOGY FOR THE HERITAGE MANAGEMENT OF A WIDE TERRITORY. THE MASAV PROJECT (ÁVILA, SPAIN)**  
López García, Juan Pablo (MASAV)
- 12:15 **WIKITOPIA ARCHIVES: INVOLVE EVERYBODY ABOUT ARCHAEOLOGY HISTORY**  
Gransard-Desmond, Jean-Olivier (ArkéoTopia, une autre voie pour l'archéologie)
- 12:30 **COMMERCIAL ARCHAEOLOGY IN PORTUGAL 2008-2020: THE PANDORA BOX, THE GLOBAL CRISIS AND BRIEF PROFESSIONAL CHARACTERIZATION**  
Luciano, Vanda Bela (UAL)
- 12:45 **DISCUSSION SLOT**

## FRIDAY 10 SEPTEMBER

| 9:00 - 11:00  | 11:00 - 13:00  | 14:30 - 16:30  | 16:30 - 18:30 CEST   |
|---|--|--|--|
| <b>94.</b> Decision-making in Archaeological Heritage Management: Moving forward  |  | <b>49.</b> Luxury in Life and Death in the European Iron Age. Identity - Elite Networks - Economy - Arts and Crafts        |  |
| <b>95.</b> Arts in Work: About the Interaction of Soundscapes and Taskscapes in Antiquity   |  | <b>85.</b> Islamic Archaeology in Europe and Beyond: Widening Horizons, Blurring Boundaries. Part 1                        |  |
| <b>178.</b> Between Autochthonism, Marxism and Turboslavism: Concepts of Slavs and Slavic Origins Through Space and Time                                      |  | <b>87.</b> The Material Culture of Attachment: Social Bonds, Childhood and Emotionally Important Objects                   |  |
| <b>216.</b> Horizon Europe: Addressing the Priorities   | <b>207.</b> Combustion Features in Mediterranean Late Prehistory: Multidisciplinary Approaches to Their Uses and Functions |  |  |
| <b>235.</b> Is Machine Learning in Archaeology Fact or Fiction?   | <b>222.</b> Lost in Translation: Transformed and Forgotten Knowledge   |  |  |
| <b>244.</b> The Sea and the City: Unravelling Stories from the Seafaring World from the 9th to the 18th Century   |  | <b>97.</b> Redrawing Lines in the Sand: New Archaeological Approaches to Addressing Climate Impacts [CCH]                  |  |
| <b>246.</b> IMPR – Phytoliths in Integrated Archaeobotanical and Ethnoarchaeological Studies  |  |  |  |
| <b>249.</b> Forestry, Subsistence and Industry: The Character and Conservation of Woodland Heritage   |  | <b>114.</b> 1200 BC from the Atlantic to Asia: Social Collapse and Resilience in Regional Perspective. Part 1              |  |
| <b>269.</b> Between Variability and Singularity: Crossing Theoretical, Qualitative and Computer-based Approaches to Types and Typologies in Archaeology [PaM] |  |  | <b>411.</b> A Community of Ancestors: The Urnfield Phenomenon in Northern Europe |
| <b>282.</b> Systemic Approaches to Agricultural and Land Use Change in Prehistoric Societies. Part 2  |  | <b>120.</b> What Is “Social” in Social Archaeology? Re-evaluating Social Theory and Its Impact in European Prehistory      |  |
| <b>327.</b> Engendering Public Archaeology [AGE]  |  | <b>140.</b> Compensation in Architecture and Archaeology - On Compensation as a Concept, Method, and Professional Practice |  |

### KEYNOTE LECTURES (13:00 CEST)

- Claudia Theune: 30 Years of Contemporary Archaeology: Gains in Knowledge - Challenges - Opportunities and Future Tasks

### ANNUAL MEMBERSHIP BUSINESS MEETING (AMBM; 18:45 CEST)

| 9:00 - 11:00   | 11:00 - 13:00  | 14:30 - 16:30  | 16:30 - 18:30 CEST |
|--|--|--|--------------------|
| <b>359.</b> Food Cultures in Ancient Societies   |  |  |                    |
| <b>381.</b> Children of the Bronze Age: Connecting Europe from the Time of Bell Beakers to the Urnfield Period                             |  | <b>169.</b> Periodicity and Cyclicity in Prehistoric Practice as Seen in Waterlogged Contexts  |                    |
| <b>389.</b> From Coast to Coast – Current Archaeological Research on Cultural Exchange along and across the Baltic Sea                     |  | <b>443.</b> Re-Imagining How We Create and Develop Archaeologists in a Post-COVID World  |                    |
| <b>394.</b> Who Were the First Potters? Current Research in Early Pottery Production in Western Eurasia. Part 1                            |  | <b>202.</b> Ancient Cultural Routes: Past Transportation as a Two-Way Interaction between Society and Environment                                |                    |
| <b>417.</b> Connectivity in Later Prehistoric Europe: Mobility, Trade and Interaction from the 2nd Millennium BCE to the 1st Millennium AD |  | <b>205.</b> Lithic Raw Materials in Prehistory: Methods, Practice and Theory. Part 1   |                    |
| <b>453.</b> Multidisciplinary Approaches to Environmental and Human Fingerprints of the Roman Period                                       |  | <b>508.</b> Preserving the "Living Heritage" of Abandoned Lands. Archaeology and Sustainable Practices to Protect and Conserve Upland Landscapes |                    |
| <b>456.</b> From Contemporary Knowns to Past Unknowns - Unlocking Ancient Human-Environment Interconnections via Modern Isotopic Records   |  | <b>542.</b> Europe's Medieval Past: A Manifesto  |                    |
| <b>471.</b> What's So Cultural about Appropriation? Archaeological Perspectives on Cultural Annexations                                    |  | <b>214.</b> Kingship in Early Medieval Europe: Places of Royal Power and Ritual  |                    |
| <b>475.</b> Human Bone and Tooth Artefacts in Hunter-Gatherer Contexts – Case Studies, Analyses, Interpretations and Theories              | <b>233.</b> In Search of the Urban Habitat: Exploring the Connection between Towns and Their Environment in Time and Space [Urban Archaeology] |  |                    |
| <b>516.</b> From Critique to Synthesis: Transcending the Genomic Divide within Archaeology   |  | <b>548.</b> Tracing the Past, Charting the Future: Exploring Archaeological Research Collaboration between the Americas and Europe               |                    |
| <b>545.</b> Southeastern Europe in 5th and 4th Century BC - Indigenous Communities in Classical World                                      |  | <b>230.</b> Stories and Compassion: Material Culture, Memory, and Emotion  |                    |

| 9:00 - 11:00  | 11:00 - 13:00   | 14:30 - 16:30  | 16:30 - 18:30 CEST |
|---|---|--|--------------------|
| <b>547.</b> Down by the River - Evidence of Material Culture for Prehistoric Waterborne Communication along European Rivers, Lakes and Coastal Waters |   | <b>348.</b> Derivatives of Their Men? Alternatives to the "Woman Problem" in Mortuary Archaeology [AGE]                                      |                    |
| <b>681.</b> Mediterranean Archaeology: from Interconnected Patchworks to Overarching Inter- and Transdisciplinary Frameworks                          |   | <b>470.</b> Recent Chronology: Challenging Copper Age Historical Narratives in Central, South-Eastern and Eastern Europe                     |                    |
| <b>688.</b> Society Facing Changes. Regions on the Southwest Baltic between 2500 - 1500 BC  |   | <b>496.</b> A World of Clay I: Widening Analytical Horizons  |                    |
|   | <b>511.</b> A Crossroads between the Continents – Interdisciplinary Approaches to Interconnectedness in the Ancient Mediterranean |  |                    |
|   |   | <b>498.</b> Interdisciplinary Studies on Sicily: Case Studies and Methodology  |                    |
|   |   | <b>515.</b> New Realities? A Critical Approach to Recreating Objects for Examining and Presenting the Past                                   |                    |
|   |   | <b>517.</b> Consider the Collections: Rethinking Approaches to Colonial Museums for the 21st Century   |                    |
|   |   | <b>529.</b> Adding Flesh to the Bones: The Integration of Biochemical and Biomolecular Techniques in the Study of Human-Animal Relationships |                    |

## 49 LUXURY IN LIFE AND DEATH IN THE EUROPEAN IRON AGE. IDENTITY - ELITE NETWORKS - ECONOMY - ARTS AND CRAFTS

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Fuerst, Sebastian (Curt-Engelhorn-Zentrum Archäometrie gGmbH) - Nordez, Marilou - Armbruster, Barbara (Laboratoire TRACES - UMR 5608, Université Toulouse 2 Jean Jaurès)

### ABSTRACTS

- 14:30 **GOLDWORKING TECHNOLOGY IN THE IRON AGE – AN INDICATOR OF CULTURAL CONTACT AND EXCHANGE IN THE PRODUCTION OF LUXURY GOODS**  
Armbruster, Barbara - Nordez, Marilou (Centre National de Recherche Scientifique)
- 14:45 **WHICH BEHOLDER APPRECIATES THE BEAUTY? IRON AGE AMBER AS A (NON-) LUXURY COMMODITY IN ITS STORAGE, DISTRIBUTION AND PROCESSING CONTEXTS**  
Markiewicz, Joanna - Dulęba, Przemysław (University of Wrocław)
- 15:00 **FUR SUPPLIERS IN THE NORTH – WHAT CAN BE CONCLUDED BY STUDYING THE FUR PRODUCTS IN THE GRAVES**  
Kirkinen, Tuija (University of Helsinki)
- 15:15 **DISCUSSION SLOT**
- 15:30 **PRIVILEGED NETWORKS: THREE CASE STUDIES ON FUNERARY ASSEMBLAGES (5TH CENTURY BC)**  
Fuerst, Sebastian (Curt-Engelhorn-Centre Archaeometry; Saarland University) - Armbruster, Barbara (CNRS Maison de la Recherche Université de Toulouse 2)
- 15:45 **MULTIMETALITY IN AND BETWEEN CENTRAL MILIEUS – IRON AGE NETWORK-IMPLICATIONS OF THE PROJECT 'FROM THE CRUCIBLE AND AT THE ANVIL'**  
Svensson, Andreas (Dept. of Archaeology and Ancient history, Lund University)
- 16:00 **LATE LA TÈNE ELITES EITHER SIDE OF THE ENGLISH CHANNEL: SIMILAR TASTES BUT WHAT ABOUT SPACE?**  
Lamb, Andrew (Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart; University of Leicester)
- 16:15 **DISCUSSION SLOT**
- 16:30 **POWER AND CONTROL: BURIAL MOUNDS AND THE AGENCY OF DEATH**  
Trinder, Ermelinda (Staffordshire University)
- 16:45 **EXOTIC GOODS AND ELITE GRAVES IN ARCHAIC CAMPANIA (8TH-6TH BC)**  
Maudet, Ségolène (Université de Lorraine)
- 17:00 **PRECIOUS VESSELS FOR THE AFTERLIFE: POLYMATERIC AND ASTARITA TYPE JUGS**  
Talon, Maria (Ministry of Cultural Heritage, Directorate-General for education, research and cultural institutes)
- 17:15 **DISCUSSION SLOT**
- 17:30 **THE "ORIENTALIZING" CONNECTION: LUXURY GOODS, ELITE CONNECTIVITY, AND THE RISE OF THE "ORIENTALIZING" IRON AGE OF SOUTHWESTERN IBERIA**  
Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon; Foundation for Science and Technology - Portugal)
- 17:45 **CONSUMING LUXURY IN IRON AGE PHOENICIAN SOUTH IBERIA (8TH-7TH CENTURIES BCE): THE FUNERARY RECORD**  
López-Bertran, Mireia (Universitat de Valencia)

- 18:00 **PRODUCTION, CONNECTIVITY AND SOCIAL INFERENCE OF THE IBERIAN SCULPTURAL MONUMENTALITY. LOS CUCOS (BOGARRA, ALBACETE, SPAIN) AS A CASE STUDY**  
García-López, Arturo (University of Alicante; Centro de Estudios de Arqueología Bastetana)
- 18:15 **DISCUSSION SLOT**

### POSTERS:

- A. **SOME GIRLS ARE BIGGER THAN OTHERS. THE REPRESENTATION OF THE IBERIAN FEMALE WORLD THROUGH THE LADY OF DOÑA MENCIA**  
García-López, Arturo (University of Alicante; Centro de Estudios de Arqueología Bastetana) - Moreno Alcaide, Manuel (Museo Histórico-Arqueológico de Doña Mencía) - Abelleira Durán, Manuel (University of Granada; Centro de Estudios de Arqueología Bastetana)

## 85 ISLAMIC ARCHAEOLOGY IN EUROPE AND BEYOND: WIDENING HORIZONS, BLURRING BOUNDARIES. PART 1

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Shingiray, Irina (University of Oxford) - Koval, Vladimir - Belyaev, Leonid (Institute of Archaeology, Russian Academy of Sciences, Moscow) - Govantes-Edwards, David (Newcastle University) - Carvajal Lopez, Jose (University of Leicester)



### ABSTRACTS

- 14:30 **TOWARDS A THEORY OF ISLAMISATION: DIFFERENCE AND REPETITION OF THE ISLAMIC**  
Carvajal Lopez, Jose (University of Leicester)
- 14:45 **ARCHAEOLOGY OF THE MOZARABS ON THE UPPER FRONTIER OF AL-ANDALUS (8TH - 11TH CENTURIES)**  
Brufal, Jesús (University Autònoma of Barcelona)
- 15:00 **RURAL LANDSCAPE SOCIAL LANDSCAPE. THE PROCESS OF ISLAMIZATION IN THE IBERIAN PENINSULA CENTRE**  
Berrica, Silvia (Universidad de Alcalá)
- 15:15 **DEFENCE AND SETTLEMENT ON RURAL AL-ANDALUS: THE CASTLE NETWORK OF LA ALPUJARRA (GRANADA AND ALMERÍA, SPAIN)**  
Rouco Collazo, Jorge (Universidad de Granada)
- 15:30 **BLURRING CULTURAL AND RELIGIOUS BOUNDARIES: A ZOOARCHAEOLOGICAL PERSPECTIVE FROM MEDIEVAL ISLAMIC COMMUNITIES OF GHARB AL-ANDALUS (SW IBERIAN PENINSULA)**  
Aleixo, Patrícia (Independent researcher)
- 15:45 **TERRITORIALISATION AND COMMERCIAL INTEGRATION OF THE CITY IN AL-ANDALUS DURING THE 12TH CENTURY: DATA FROM THE ARRIXACA SUBURB (MURCIA, SPAIN)**  
Eiroa, Jorge (University of Murcia) - González, José (Professional Archaeologist) - Hernández, Alicia (University of Murcia) - Celma, Mireia (Professional Archaeologist) - Morales, Jacob (University of Las Palmas) - Velo, Almudena - Molina, Isabel (University of Murcia)
- 16:00 **MUSLIMS IN THE 'NATIONAL CRUSADE': MOSQUES AND CEMETERIES OF COLONIAL TROOPS DURING THE SPANISH CIVIL WAR (1936-1939)**  
Ayán, Xurxo (NOVA University of Lisbon)
- 16:15 **DISCUSSION SLOT**
- 16:30 **BURIAL IN THE ISLAMIC RITE IN SICILY, 9TH-13TH CENTURIES**  
Carver, Martin - Wales, Nathan - Alexander, Michelle (University of York)

- 16:45 FROM VICUS TO MADINA TO CIVITAS: THE BIOGRAPHY OF THE CITY OF MAZARA IN SICILY THROUGH ITS WASTE  
Molinari, Alessandra (University of Rome Tor Vergata)
- 17:00 FĀS AL-ŶADĪD. FOUNDATION AND EVOLUTION OF AN ISLAMIC MEDIEVAL CITY IN AL-MAGHRIB  
Almela, Iñigo (Alexander von Humboldt foundation)
- 17:15 ISLAM IN SOUTH-EASTERN AFRICA: MATERIAL ENTANGLEMENTS ALONG THE MOZAMBICAN COASTLINE  
Moffett, Abigail (University of East Anglia) - Simbine, Celso (University of Cape Town)
- 17:30 BUILD ON DIVERSITY: STATES AND COMMUNITIES IN MEDIEVAL SOMALILAND  
de Torres Rodríguez, Jorge (Incipit - Institute of Heritage Sciences)
- 17:45 DISCUSSION SLOT

#### POSTERS:

- A. ISLAMIC ARCHITECTURE OF KAZAN OF THE KHANATE PERIOD  
Sitdikov, Ayrat (Kazan Federal University)
- B. DEDICATORY INSCRIPTIONS OF MOSCOW STATE OF THE 16TH AND 17TH CENTURIES IN THE CONTEXT OF ISLAMIC ARCHITECTURE AND CALLIGRAPHY  
Baranova, Svetlana (RSUH)

## 87 THE MATERIAL CULTURE OF ATTACHMENT: SOCIAL BONDS, CHILDHOOD AND EMOTIONALLY IMPORTANT OBJECTS

Time: 14:30 - 18:00 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Lipkin, Sanna (University of Oulu) - Bell, Taryn (University of York) - Väre, Tiina (University of Oulu)

#### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 ARCHAEOLOGIES OF ATTACHMENT: UNDERSTANDING SOCIO-EMOTIONAL LIFE IN THE PAST  
Bell, Taryn (University of York)
- 15:00 PHENOMENOLOGICAL APPROACHES TO PREHISTORIC ATTACHMENTS. THE EVIDENCE FROM PREHISTORIC, COMPLETE, ANIMAL BURIALS OF THE EASTERN CARPATHIAN BASIN  
Daróczy, Tibor (Aarhus University, Department of Archaeology & Heritage Studies)
- 15:15 MEN'S BEST FRIEND: NOTES ON ATTACHMENT BASED APPROACHES TO DOG BURIALS IN LATE NEOLITHIC SOUTHWEST IBERIA  
Castanheira, Patricia (Universidade de Lisboa)
- 15:30 DISCUSSION SLOT
- 15:45 CARING, COMPASSION AND CLEMENCY – A CASE OF FICTIVE KINSHIP  
Tuovinen, Saara (University of Oulu)
- 16:00 DISCUSSION SLOT
- 16:15 FRAGILE AND RESILIENT: MOTHER-INFANT BONDS IN 18TH TO 19TH-CENTURY FINLAND  
Lipkin, Sanna (University of Oulu)
- 16:30 DETACHED MOTHERS?  
Väre, Tiina (Archeology, University of Oulu)
- 16:45 DISCUSSION SLOT

## 94 DECISION-MAKING IN ARCHAEOLOGICAL HERITAGE MANAGEMENT: MOVING FORWARD

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Verschuur, Marjolein (Cultural Heritage Agency of the Netherlands) - Kreiter, Eszter (Castle Headquarters Ltd.)

#### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 ARCHAEOLOGY AND PUBLIC BENEFITS: MAKING THE CASE  
Sloane, Barney (HE - Historic England; European Archaeological Council)
- 9:30 INTERACTING WITH THE PUBLIC TO MAXIMISE BENEFIT FROM ARCHAEOLOGY: NEW APPROACHES ON DEVELOPMENT-LED WORK  
Watson, Sadie (MOLA)
- 9:45 SELECTING ARCHAEOLOGICAL ARCHIVES – AN OLD TOPIC STILL TO BE DEALT WITH  
Novak, David (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Oniszczyk, Agnieszka (National Heritage Board of Poland)
- 10:00 MAKING CHOICES: DEVELOPING GUIDANCE ON NATIONAL RESEARCH FRAMEWORKS  
van der Jagt, Inge (Cultural Heritage Agency of the Netherlands) - Miles, Daniel (Historic England)
- 10:15 SCARED OF MAKING CHOICES? DEFINING ARCHAEOLOGICAL HERITAGE BETWEEN POLICY AND PRAXIS IN ITALY  
Benetti, Francesca (Historic Environment Forum)
- 10:30 DISCUSSION SLOT
- 11:00 STAKEHOLDER MANAGEMENT IN THE FLEMISH ARCHAEOLOGICAL SECTOR  
Bornauw, Freija (KU Leuven; VUB) - Hermans, Rosalie (VUB Maritime Cultures Research Institute - MARI) - Doooms, Michael (VUB department of Business - BUSI, Unit Management and Strategy)
- 11:15 TO DIG OR NOT TO DIG? TO PRESERVE OR NOT TO PRESERVE? CONTEMPORARY DILEMMAS OF ARCHAEOLOGICAL HERITAGE MANAGEMENT IN ROMANIA  
Bors, Corina Ioana - Damian, Paul (National History Museum of Romania - MNIR)
- 11:30 FROM ARCHAEOLOGICAL EXCAVATIONS TO PERMANENT EXHIBITION SPACE: THE THIRD LIFE OF THE NEBELIVKA TEMPLE  
Videiko, Mykhailo (Kyiv Borys Grinchenko University) - Motorzhyna, Mariia (Department of Culture and tourism of Kirovograd Domain State Administration)
- 11:45 DISCUSSION SLOT



## 95 ARTS IN WORK: ABOUT THE INTERACTION OF SOUNDSCAPES AND TASKSCAPES IN ANTIQUITY

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona) - Bellia, Angela (Institute of Heritage Science at the Italian National Research Council) - Ferrer Martin, Meritxell (Universitat Pompeu Fabra) - López-Bertran, Mireia (Universitat de València)

### ABSTRACTS

- 9:00 **INTRODUCTION: THE MATERIALITY OF SOUNDSCAPES AND TASKSCAPES**  
López-Bertran, Mireia (Universitat de Valencia) - Bellia, Angela (Institute of Heritage Science at the Italian National Research Council) - Ferrer, Meritxell (Universitat Pompeu Fabra, Barcelona) - Garcia-Ventura, Agnès (Universitat Autònoma de Barcelona)
- 9:15 **WORK AND SOUND ENVIRONMENTS IN ETHNO-MUSICARCHAEOLOGICAL PERSPECTIVES**  
Stomberg Lund, Cajsa (Linnaeus university)
- 9:30 **DISCUSSION SLOT**
- 10:00 **WOMEN'S WORK IN THE 'WEAVING HOUSE': SOUNDSCAPE AND TASKSCAPE IN THE SANCTUARIES OF SOUTHERN ITALY (VIII C. B.C.)**  
Bellia, Angela (Institute of Heritage Science - National Research Council of Italy)
- 10:15 **THE SOUND OF ¿SILENCE? MUSIC AN OTHER SOUNDS IN THE RITUAL AND FUNERARY WORSHIPS**  
Niveau-de-Villedary, Ana María - López-Sánchez, Natalia (University of Cadiz)
- 10:30 **SOUNDSCAPES OF ANCIENT KUSH: EXPLORING CULT-RELATED, ARTISANAL AND PASTORAL SOUNDS AT MUSAWWARAT ES-SUFRA (SUDAN)**  
Kleinitz, Cornelia (German Archaeological Institute - DAI, Commission for Archaeology of Non-European Cultures - KAAK)
- 10:45 **DISCUSSION SLOT**
- 11:00 **MUSIC AND WORK IN ANCIENT EGYPT**  
Köpp-Junk, Heidi (University of Trier; Egyptian Archaeology at the Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences Warsaw)
- 11:15 **SOUNDSCAPES AND TASKCAPES IN GRINDING PRACTICES: A CASE STUDY OF THE ANCIENT NEAR EAST**  
Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona) - López-Bertran, Mireia (Universitat de València)
- 11:30 **ANCIENT GREEK WORK MUSIC, SONGS AND DANCES**  
Liveri, Angeliki (Greek Ministry of Education and Religious Affairs)
- 11:45 **DISCUSSION SLOT**
- 12:00 **MAYA SOUNDSCAPES. SOUNDS DURING THE CONSTRUCTION OF THE TEMPLE OF THE GREAT JAGUAR OF TIKAL**  
Vidal Lorenzo, Cristina (Universitat de València. Departamento de Historia del Arte) - Muñoz Cosme, Gaspar (Universitat Politècnica de València. Centro de Investigación Pegaso)
- 12:15 **SURROUND SOUND: SONIC ECOLOGY, COMMUNITY IDENTITY AND CERAMIC PRODUCTION IN BRONZE AGE CRETE**  
Day, Jo (University College Dublin) - Minos, Chase (Knossos Research Centre, British School at Athens)
- 12:30 **FEMININE TASKSCAPES AS ARENAS OF SOCIAL CONTROL: A VIEW FROM THE MEDITERRANEAN IRON AGE**  
Ferrer-Martín, Meritxell (Universitat Pompeu Fabra)
- 12:45 **DISCUSSION SLOT**

## 97 REDRAWING LINES IN THE SAND: NEW ARCHAEOLOGICAL APPROACHES TO ADDRESSING CLIMATE IMPACTS

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Regular session

Organisers: Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research) - Ayers-Rigsby, Sara (Florida Public Archaeology Network, Florida Atlantic University Anthropology Department) - Graham, Elinor (Department of Archaeology, School of Geosciences, University of Aberdeen)

Session related to the EAA Community for Climate Change and Heritage.

### ABSTRACTS

- 14:30 **INTRODUCTION TO REDRAWING LINES IN THE SAND: NEW ARCHAEOLOGICAL APPROACHES TO ADDRESSING CLIMATE IMPACTS**  
Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research; CCH - Climate Change and Heritage) - Ayers-Rigsby, Sara (Florida Public Archaeology Network; Florida Atlantic University Anthropology Department) - Graham, Elinor (Department of Archaeology, School of Geosciences, University of Aberdeen)
- 14:45 **COASTAL CHANGE AND MANAGING LOSS THROUGH DRONE BASED SURVEY METHODS**  
Graham, Ellie (University of Aberdeen)
- 15:00 **CLIMATE CHANGE: IMPACT ON HUMAN REMAINS**  
Roshem, Irmine (University of Aberdeen)
- 15:15 **IDENTIFYING AND MITIGATING CLIMATE CHANGE IMPACTS IN THE DERWENT VALLEY MILLS WORLD HERITAGE SITE, UK**  
Knight, David (York Archaeological Trust; Derwent Valley Mills World Heritage Site Research Group) - Howard, Andy (Landscape Research & Management)
- 15:30 **DEVELOPING PRO-ACTIVE APPROACHES TO ADDRESS THE THREAT OF LOSS: HISTORIC SITES AT SVALBARD THREATENED BY NATURAL DECAY AND TRAMPLING TOURISTS**  
Flyen, Anne-Cathrine (NIKU - Norwegian Institute for Cultural Heritage Research)
- 15:45 **SVALBARD ARCHAEOLOGY UNDER THREAT: RUSSEKEILA HUNTING STATION**  
Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research; CCH - Climate Change and Heritage)
- 16:00 **DISCUSSION SLOT**
- 16:30 **THE NORTH AMERICAN HERITAGE AT RISK PROJECT**  
Miller, Sarah (Florida Public Archaeology Network) - Cochran, Lindsey (University of Georgia) - Gaillard, Meg - Smith, Karen (South Carolina Department of Natural Resources) - Lee, Lori (Flagler College) - Murray, Emily - Dietrich, Emma (Florida Public Archaeology Network)
- 16:45 **MONITORING, MODELING AND COMMUNITY CONVERSATIONS: ADDRESSING CLIMATE IMPACTS THROUGH FLORIDA'S HERITAGE MONITORING SCOUTS (HMS FLORIDA) PROGRAM**  
Murray, Emily - Dietrich, Emma - Miller, Sarah - Boggs, Robbie - Kemp, Kassie - Meyers-Gidusko, Patrisha (Florida Public Archaeology Network)
- 17:00 **SMALL GOVERNMENT PRIORITIES: ARCHAEOLOGY AND CLIMATE CHANGE AT THE COUNTY LEVEL**  
Ayers-Rigsby, Sara (Florida Public Archaeology Network) - Ransom, Jeff (Miami-Dade County)
- 17:15 **SALT MARSH AND INTERTIDAL SITE VULNERABILITY AND NATURE-BASED RESILIENCE: THE DELAWARE BAY, USA**  
Wholey, Heather - Nikitina, Daria (West Chester University)
- 17:30 **PRIORITIZING WHAT WE DON'T KNOW: CLIMATE CHANGE AS A CATALYST FOR UPLAND SURVEY**  
Nash, Carole (James Madison University)
- 17:45 **DISCUSSION SLOT**

## 114 1200 BC FROM THE ATLANTIC TO ASIA: SOCIAL COLLAPSE AND RESILIENCE IN REGIONAL PERSPECTIVE. PART 1

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Regular session

Organisers: Molloy, Barry (University College Dublin) - Vandkilde, Helle (Aarhus University) - Yasur-Landau, Assaf (University of Haifa) - Orfanou, Vana (University College Dublin)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 NEW OPPORTUNITIES IN TURBULENT TIMES: ATTICA IN THE 12TH C. BC  
Salavoura, Eleni (Greek Ministry of Culture)
- 15:00 HEGEMONY AND FRAGILITY: THE CASE OF MYCENAEAN GREECE  
Middleton, Guy (Newcastle University)
- 15:15 DIFFERING TRAJECTORIES OF COLLAPSE IN THE LATE BRONZE AGE ARGOLID: MYCENAE AND TIRYNS FROM 1250 BC TO 1100 BC  
Zeman, Piotr (Adam Mickiewicz University in Poznań, Faculty of Archaeology)
- 15:30 VULNERABLE MYCENAEANS? A HUMAN-ENVIRONMENT PERSPECTIVE  
Weiberg, Erika - Finné, Martin (Uppsala University, Department of archaeology and ancient history)
- 15:45 CHANGE AND ADAPTABILITY DURING THE LATE BRONZE TO IRON AGE TRANSITION: INSIGHTS FROM RADIOCARBON AND POTTERY IN THE SOUTHERN LEVANT  
Webster, Lyndelle (Austrian Academy of Sciences) - Kleiman, Sabine (Tübingen University)
- 16:00 DISCUSSION SLOT
- 16:15 GENETIC CHANGE AND POPULATION MOVEMENT C. 1200 BCE: A VIEW FROM THE NORTH AND WEST  
Armit, Ian - Bleasdale, Madeleine - Büster, Lindsey - Fischer, Claire-Elise (University of York) - Booth, Tom (The Francis Crick Institute) - Patterson, Nick - Isakov, Michael (Harvard University) - Evans, Jane (British Geological Survey) - Hamilton, Derek (SUERC) - Reich, David (Harvard University)
- 16:30 WHEN THE PENDULUM SWINGS BACK: THE 12TH CENTURY BCE AS THE BEGINNING OF A PERIOD OF GROWING EUROPEAN INTEGRATION  
Gorgues, Alexis (University of Bordeaux Montaigne)
- 16:45 1200 BC: A PERSPECTIVE FROM THE NILE DELTA  
Franzmeier, Henning (Università di Bologna; Roemer- and Pelizaeus-Museum Hildesheim)
- 17:00 DECENTRALISED COMMERCIAL STRATEGIES IN THE MEDITERRANEAN AFTER 1200 BC AND THE ROLE OF CYPRUS  
Georgiou, Artemis (University of Cyprus)
- 17:15 USING MACHINE LEARNING TO ILLUMINATE SOCIAL CHANGE: INTEGRATING DATA SETS FROM 1300-1000 BC FROM THE ATLANTIC TO SOUTHWEST ASIA  
Bell, Carol (UCL)
- 17:30 RADICALLY DIFFERENT? RESPITE AND RESILIENCE OF THE BRONZE AGE IN THE NORDIC REGION  
Ahlqvist, Laura - Vandkilde, Helle (Aarhus University)
- 17:45 DISCUSSION SLOT

## 120 WHAT IS "SOCIAL" IN SOCIAL ARCHAEOLOGY? RE-EVALUATING SOCIAL THEORY AND ITS IMPACT IN EUROPEAN PREHISTORY

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Staniuk, Robert (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Ion, Alexandra (Institute of Anthropology of the Romanian Academy) - Ribeiro, Artur (CRC 1266)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 INVENTING TRADITIONS: FROM EXPLANATORY MODELS TOWARDS EXPLORATORY RESEARCH  
Staniuk, Robert (Institut für Ur- und Frühgeschichte CAU Kiel)
- 15:00 PERSPECTIVES ON THE HOUSEHOLD – SEARCHING FOR THE SOCIAL IN AN AMBIGUOUS CATEGORY  
Wunderlich, Maria (Institute of Pre- and Protohistoric Archaeology, University Kiel)
- 15:15 FROM 'COMMUNITIES OF PRACTICE' TO 'TRANSLOCALITY' – REVIEWING TWO CONCEPTUAL TOOLS REGARDING THEIR SOCIAL ARCHAEOLOGICAL POTENTIAL  
Heitz, Caroline (University of Oxford, School of Archaeology; Institute for Archaeological Sciences, University of Bern)
- 15:30 DISCUSSION SLOT
- 15:45 QUESTIONING PREMISES OF SOCIAL ARCHAEOLOGY: A POSITIVE VIEW ON CLASSLESSNESS IN PAST SOCIETIES  
Szilagyi, Kata (Mora Ferenc Museum) - Furholt, Martin (University of Oslo, Institute of Archaeology, Conservation and History)
- 16:00 THE DILEMMAS OF OLIGARCHIC ELITES AND APPROACHING ANARCHIC SOCIETIES WITH ANARCHIST THEORY  
Araque Gonzalez, Ralph (University of Freiburg)
- 16:15 "THE SOCIAL" IN SOCIAL THEORY AND PHILOSOPHY: SOME MAIN LINES OF THOUGHT AND THEIR APPLICATION IN ARCHAEOLOGY  
Arponen, VPJ (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:30 DISCUSSION SLOT
- 16:45 THE CHALLENGES AND SOLUTIONS FOR A COMPREHENSIVE EPISTEMOLOGY IN CONTEMPORARY ARCHAEOLOGICAL THEORY  
Radchenko, Simon (University degli studi di Torino; New archaeological school)
- 17:00 CAN POSTHUMANISTIC AND NEW-MATERIALISTIC THEORIES PROVIDE FRESH INSIGHT INTO THE SOCIAL ASPECTS OF CONTEMPORARY BURIALS?  
Shay, Talia (Technion, Israel institute of technology, dept.of humanistic studies and arts)
- 17:15 DISCUSSION SLOT

## 140 COMPENSATION IN ARCHITECTURE AND ARCHAEOLOGY - ON COMPENSATION AS A CONCEPT, METHOD, AND PROFESSIONAL PRACTICE

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Session with precirculated papers

Organisers: Rönn, Magnus (Kulturlandskapet, Chalmers University of Technology) - Teräväinen, Helena (Aalto University) - Kalakoski, Iida (Tampere University) - Kouzelis, Athanasios (National Technical University)

### ABSTRACTS

- 14:30 **CULTURAL HERITAGE COMPENSATION**  
Rönn, Magnus (Kulturlandskapet) - Grahn Danielson, Benjamin (Picea)
- 14:45 **ARCHITECTURE AND COMPENSATION - RENEWAL AND EXPANSION OF THE CITY LIBRARY IN GOTHENBURG**  
Rönn, Magnus (Kulturlandskapet)
- 15:00 **NARRATIVES OF FISH, TRADE AND COASTAL COMMUNITIES: USE AND RESOURCE MANAGEMENT AS A TOOL FOR HERITAGE AND ENVIRONMENT COMPENSATION**  
Davies, Tom - Smith Wergeland, Even (Oslo School of Architecture and Design) - Standal, Anja (Norwegian University of Life Sciences)
- 15:15 **HOW TO COMPENSATE THE IRREPLACEABLE? A CASE STUDY OF TWO PROTECTED BUT ENDANGERED BUILDINGS**  
Teräväinen, Helena (Aalto University)
- 15:30 **ADULIS ARCHAEOLOGICAL SITE: HERITAGE VALUES AND CONTEMPORARY CULTURAL LANDSCAPE IN ERITREAN COASTAL LOWLANDS**  
Bortolotto, Susanna - Cattaneo, Nelly (Politecnico di Milano) - Massa, Serena (Università Cattolica del Sacro Cuore di Milano)
- 15:45 **DISCUSSION SLOT**
- 16:00 **DESIGNING WITH DECAY**  
Kalakoski, Iida (Tampere university)
- 16:15 **THE OPEN-AIR ARCHAEOLOGICAL MUSEUM AS A MODEL OF CULTURAL COMPENSATION**  
Kouzelis, Athanasios (N.T. Univ. of WA, Athens)
- 16:30 **HERITAGE COMPENSATION IN CHANGING ENVIRONMENTS: THE CASE OF THE WEST LINK INFRASTRUCTURE PROJECT, GOTHENBURG**  
Dore, Maitri (Gothenburg University; Heriland research and training network)
- 16:45 **COMPENSATORY MEASURES IN ARCHAEOLOGICAL HERITAGE MANAGEMENT - OVERCOMING THE NATURE-CULTURE-CULTURE DIVIDES**  
Hueglin, Sophie (Newcastle University; University of Basel; University of Tübingen)
- 17:00 **SAVE WHAT CAN BE SAVED AND TELL THE STORY - BALANCING DAMAGE ON INDUSTRIAL HERITAGE BY ARCHITECTURAL INTERPRETATION**  
Nilsson, Urban (Nyréns Arkitektkontor)
- 17:15 **DISCUSSION SLOT**

## 169 PERIODICITY AND CYCLICITY IN PREHISTORIC PRACTICE AS SEEN IN WATERLOGGED CONTEXTS

Time: 14:30 - 18:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Ballmer, Ariane (University of Bern, Institute of Archaeological Sciences & Oeschger Centre for Climate Change Research) - Bogaard, Amy (University of Oxford, School of Archaeology) - Hafner, Albert (University of Bern, Institute of Archaeological Sciences & Oeschger Centre for Climate Change Research)



### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **PERIODICITY AND CYCLICITY IN PREHISTORIC PRACTICE AS SEEN IN WATERLOGGED CONTEXTS. A TOPIC OUTLINE**  
Ballmer, Ariane (University of Bern, Institute of Archaeological Sciences & Oeschger Centre for Climate Change Research)
- 15:00 **SCALES OF PERIODICITY AND CYCLICITY IN PREHISTORIC LAKESIDE SETTLEMENTS**  
Hafner, Albert (University of Bern, Institute of Archaeological Sciences; University of Bern, Oeschger Centre for Climate Change Research - OCCR) - Heitz, Caroline (University of Oxford, School of Archaeology; University of Bern, Institute of Archaeological Sciences)
- 15:15 **OAKS FOR THE NEXT GENERATION! HOW THE NEOLITHIC PEOPLE AT LAKE BIEL (CH) SUSTAINABLY MANAGED THEIR FOREST**  
Bolliger, Matthias (Archaeological Service Canton of Bern, Laboratory for Dendrochronology; University of Bern, Institute of Archaeological Sciences & Oeschger Centre for Climate Change Research)
- 15:30 **SEASONALITY, SCHEDULING AND WETLAND AGROECOLOGY AT NEOLITHIC TIANLUOSHAN, LOWER YANGTZE RIVER BASIN, CHINA**  
Wu, Rubi - Bogaard, Amy - Charles, Michael (University of Oxford) - Sun, Guoping (Zhejiang Provincial Institute of Cultural Relics and Archaeology)
- 15:45 **DISCUSSION SLOT**
- 16:00 **PATTERNS OF SUBSISTENCE: AN EXAMPLE FROM LATE NEOLITHIC NORTH MACEDONIA**  
Holguin, Amy - Bogaard, Amy - Charles, Mike (University of Oxford)
- 16:15 **MULTISCALAR PERIODICITY IN PREHISTORIC WETLAND SETTLEMENTS: A VIEW FROM SOUTHERN ALBANIA**  
Allen, Susan (University of Cincinnati)
- 16:30 **DENDROARCHAEOLOGY OF SOVJAN - THE FIRST EARLY BRONZE AGE DENDROCHRONOLOGICAL ANALYSIS FROM THE SOUTHWESTERN BALKANS (ALBANIA)**  
Maczkowski, Andrej - Bolliger, Matthias - Ballmer, Ariane (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research OCCR) - Gori, Maja (Institute of Heritage Science, National Research Council of Italy - ISPC-CNR, Rome) - Lera, Petrika (University of Fan Noli, Korçë) - Oberweiler, Cécile (UMR 7041 ArScAn, CNRS, Université Paris I Panthéon Sorbonne, Université Paris Nanterre, Paris) - Szidat, Sönke (Department of Chemistry and Biochemistry, University of Bern; Oeschger Centre for Climate Change Research OCCR) - Touchais, Gilles (UMR 7041 ArScAn, CNRS, Université Paris I Panthéon Sorbonne, Université Paris Nanterre, Paris) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research OCCR)
- 16:45 **DISCUSSION SLOT**

## POSTERS:

- A. VIRTUAL VS. REALITY - CYCLICITY IN SIMULATED AND ARCHAEOLOGICAL DATA OF WESTERN SWISS NEOLITHIC  
Laabs, Julian (Institute of Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel)

## 178 BETWEEN AUTOCHTHONISM, MARXISM AND TURBOSLAVISM: CONCEPTS OF SLAVS AND SLAVIC ORIGINS THROUGH SPACE AND TIME

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe (GWZO)) - Milosavljević, Monika (Department of Archaeology, University of Belgrade) - Broka-Lāce, Zenta (Institute of Latvian History at the University of Latvia)

## ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 SLAVIC FACTOR IN THE HISTORY OF LATVIAN ARCHAEOLOGICAL THOUGHT  
Broka-Lāce, Zenta (Institute of Latvian History, University of Latvia)
- 9:30 RESEARCH ON THE PERIPHERY OF THE SLAVIC WORLD. ABOUT THE SO-CALLED SLAVIC ARCHAEOLOGY AFTER WORLD WAR II IN GERMANY  
Grunwald, Susanne (scholarship holder RGK/JGUniversity Mainz)
- 9:45 WHY THE 'SLAVS'? - LEGITIMATIONS OF SLAVIC ARCHAEOLOGY IN COMMUNIST EAST GERMANY. A CASE STUDY  
Kluger, Anne (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO; University of Münster)
- 10:00 DISCUSSION SLOT
- 10:15 THE LONG SHADOW OF AUTOCHTHONISM IN CONCEPTS OF SLAVIC ORIGINS IN 20TH AND 21ST CENTURY POLAND  
Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO)
- 10:30 A LONG, LONG TIME AGO IN A GALAXY FAR AWAY ... - SLAVS AND HIDDEN POLISH HISTORY  
Błaszczak, Dariusz (Faculty of Archaeology, University of Warsaw)
- 10:45 THE "GREAT LECHIA" HISTORICAL NARRATIVES AS A REFLECTION OF A PRESENT-DAY POLISH SOCIETY  
Pawleta, Michał (Adam Mickiewicz University)
- 11:00 DISCUSSION SLOT
- 11:15 ARCHAEOLOGY OF SLAVS OR THE DEVELOPMENT OF MEDIEVAL ARCHAEOLOGY? MEDIEVAL ARCHAEOLOGY IN THE WORK OF THE ARCHAEOLOGICAL SOCIETY OF YUGOSLAVIA  
Lorber, Crtomir (University of Ljubljana)
- 11:30 THE DANGEROUS ENTANGLEMENT OF SERBIAN ARCHAEOLOGY - ARCHAEOLOGICAL EVIDENCE AND INTERDISCIPLINARITY UNDER THE SHADOW OF POLITICAL PRESSURE  
Milosavljevic, Monika (University of Belgrade)
- 11:45 WHERE DID ALL THE SLAVS GO? FROM COLLECTIVE SOUTH SLAVS TO FOREFATHERS OF THE SERBIAN STATE  
Cvijeticanin, Tatjana (National Museum in Belgrade; Faculty of Philosophy, University of Belgrade)
- 12:00 DISCUSSION SLOT

- 12:15 THE ROLE OF ARCHAEOBOTANICAL RESEARCH IN SLAVIC DISCOURSE  
Smuk, Ana (Department of Archaeology, University of Belgrade)
- 12:30 COLLECTIVE ACTION THEORY: THE NEW APPROACH TO EXPLORE THE SLAVIC ORIGINS AND IDENTITY IN CENTRAL EUROPE  
Machacek, Jiri (Masaryk University, Brno) - Hofmanova, Zuzana (Masaryk University, Brno; Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 12:45 DISCUSSION SLOT

## 202 ANCIENT CULTURAL ROUTES: PAST TRANSPORTATION AS A TWO-WAY INTERACTION BETWEEN SOCIETY AND ENVIRONMENT

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Session with keynote presentation and discussion

Organisers: Mazzilli, Francesca - Glomb, Tomáš (University of Bergen) - Fulminante, Francesca (University of Bristol; University Roma Tre) - Faupel, Franziska (University of Kiel)

## ABSTRACTS

- 14:30 TRANSPORT, INTERACTION, AND CONNECTIVITY  
Nakoinz, Oliver (Johanna Mestorf Academy)
- 14:45 REGIONAL RELIGIOUS NETWORKS AND THE ROAD NETWORK IN THE ROMAN EMPIRE  
Mazzilli, Francesca (University of Bergen)
- 15:00 THE WORSHIP OF ROMAN DEITIES ALONG THE ROADS: A GIS NETWORK APPROACH  
Glomb, Tomas (University of Bergen)
- 15:15 DATA AND HYPOTHESIS ABOUT ROAD SYSTEM IN WESTERN SICILY FROM THE ROMAN PERIOD TO THE NORMAN AGE  
Canale, Alessandra - Burgio, Aurelio (Dipartimento Culture e Società, Università di Palermo)
- 15:30 SALT PRODUCTION IN CENTRAL ITALY AND SOCIAL NETWORK ANALYSIS CENTRALITY MEASURES: AN EXPLORATORY APPROACH  
Alessandri, Luca (University of Groningen) - Fulminante, Francesca (University of Bristol)
- 15:45 TRANSPORT COSTS AND ECONOMIC DEVELOPMENT IN ROMAN BRITAIN  
Ortman, Scott (University of Colorado) - Wiseman, Rob (University of Cambridge) - Lodwick, Lisa (University of Oxford) - Lobo, Jose (Arizona State University)
- 16:00 DISCUSSION SLOT
- 16:15 TERRESTRIAL TRANSPORTATION INFRASTRUCTURE BETWEEN SOCIETY AND ENVIRONMENT: A CASE STUDY FROM BRONZE AND IRON AGE TUSCANY  
Stamerra, Laura (Roma Tre University) - Fulminante, Francesca (Bristol University; Roma Tre University)
- 16:30 MODELLING SPATIAL INTERACTION DURING THE EARLY IRON AGE IN SOUTHWEST GERMANY AND THE ALSACE  
Faupel, Franziska (CRC 1266)
- 16:45 ON THE ROADS AND RIVERS OF LATE IRON AGE GAUL : CHALLENGES IN CALIBRATING LEAST COST PATH MODELS  
Filet, Clara (UMR 7041 Université Paris 1) - Rossi, Fabrice (Université Paris Dauphine)
- 17:00 AN EXAMPLE OF GEOGRAPHIC NETWORK ANALYSIS: THE CASE STUDY OF THE FORTORE VALLEY (MOLISE AND PUGLIA, ITALY)  
De Simone, Claudio (University of Naples Federico II-Specialization School of Archaeology)

- 17:15 **WATER, COMMUNICATION, SIGHT AND THE LOCATION OF FORTIFICATIONS ON THE STRATA DIOCLETIANA (SYRIA) IN LATE ANTIQUITY**  
Seland, Eivind - Meyer, Jørgen Christian (University of Bergen)
- 17:30 **MARGINS. REFRAMING THE POTENTIAL OF MOUNTAINOUS AND INSULAR AREAS FOR MOBILITY AND INTERACTION IN NEOLITHIC SICILY**  
Dawson, Helen (Dipartimento di Storia Culture Civiltà, Università di Bologna; Institut für Prähistorische Archäologie, Freie Universität Berlin) - Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia - Osservatorio Vesuviano) - Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo)
- 17:45 **THE ROLE OF THE ROAD IN SETTLING A MOUNTAINOUS REGION**  
Mino, Martin (Monument Board of Slovak Republic)
- 18:00 **COUNTRY ROADS TAKE ME HOME TO THE PLACE I BELONG. REGIONAL ROUTES ON NORTHERN APENNINE AS RESOURCES FOR IDENTITY NEGOTIATIONS**  
Da Vela, Raffaella (SFB1070 RessourcenKulturen University of Tübingen)
- 18:15 **DISCUSSION SLOT**

## 205 **LITHIC RAW MATERIALS IN PREHISTORY: METHODS, PRACTICE AND THEORY. PART 1**

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Brandl, Michael (Austrian Academy of Sciences, OREA-Institute) - Martinez, Maria (Smithsonian Institution, National Museum of the American Indian) - Gurova, Maria (National Institute of Archaeology and Museum, Bulgarian Academy of Sciences)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **LITHIC RAW MATERIAL PROVENANCE STUDIES IN THE SIWALIK HILLS OF NORTH-WESTERN INDIA: A REASSESSMENT AND FUTURE SCOPE**  
Kaur, Anubhav (Indian Institute of Science Education and Research, Mohali)
- 15:00 **KNAPPED RAW MATERIALS OF THE SOUTH INDIAN NEOLITHIC: A COMPARISON OF TECHNOLOGY AND USE FROM THREE INDIAN ASHMOUND SITES**  
Rajala, Ulla (Stockholm University) - Madella, Marco (ICREA - CaSEs, Department of Humanities, Universitat Pompeu Fabra) - Korisettar, Ravi (Karnatak University, Dharwad)
- 15:15 **A STUDY OF RAW MATERIAL ACQUISITION IN THE MIDDLE AND INITIAL UPPER PALEOLITHIC OF MONGOLIA**  
Khatsenovich, Arina - Rybin, Evgeny (Institute of Archaeology and Ethnography SB RAS) - Shelepaev, Roman (Institute of Geology and Mineralogy SB RAS) - Popov, Alexei (Trofimuk Institute of Petroleum Geology and Geophysics SB RAS) - Olsen, John (School of Anthropology, University of Arizona, Tucson; Institute of Archaeology and Ethnography SB RAS)
- 15:30 **SERPENTINE PROCUREMENT AND PERSONAL ORNAMENT PRODUCTION IN THE EARLY UPPER PALAEOLITHIC ASSEMBLAGES OF ALTAI**  
Fedorchenko, Alexander - Belousova, Natalia - Kulik, Natalia (Institute of Archaeology and Ethnography SB RAS)
- 15:45 **PREHISTORIC STONE AXES IN THE SAHARA – SOME THOUGHTS ON RAW MATERIAL**  
Jesse, Friederike (University of Cologne, Institute for Prehistoric Archaeology, African Archaeology)
- 16:00 **DISCUSSION SLOT**

- 16:15 **PREHISTORIC FLINT PROVENANCE AND DISTRIBUTION IN BULGARIA: PETROGRAPHIC AND GEOCHEMICAL ANALYSES OF RAW MATERIALS AND PREHISTORIC ARTEFACTS**  
Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Stefanova, Elitsa - Andreeva, Polina (Geological Institute, Bulgarian Academy of Sciences)
- 16:30 **VIRTUAL LITHIC REDUCTION WITH NEURAL NETWORKS: A PROOF OF CONCEPT FOR A NOVEL RAW MATERIAL RESEARCH TOOL**  
Orellana Figueroa, Jordy (Department of Early Prehistory and Quaternary Ecology, University of Tübingen) - Reeves, Jonathan (Technological Primates Research Group, Max Planck Institute for Evolutionary Anthropology) - McPherron, Shannon (Department of Human Evolution, Max Planck Institute of Evolutionary Anthropology) - Tennie, Claudio (Department of Early Prehistory and Quaternary Ecology, University of Tübingen)
- 16:45 **VOLHYNIAN LONG BLADES' DISTRIBUTION IN 4TH MILLENNIUM BCE**  
Sliesariiev, Yevhenii (Institut fuer Ur- und Fruehgeschichte Kiel)
- 17:00 **CHARACTERIZATION AND IDENTIFICATION OF SILICEOUS ROCKS AS POTENTIAL RAW MATERIALS**  
Kochman, Alicja (AGH University of Science and Technology; Faculty of Geology, Geophysics and Environmental Protection)
- 17:15 **CHOCOLATE FLINT. WHAT DO WE KNOW AND WHAT DO WE WANT TO KNOW? HISTORY OF RESEARCH AND RESEARCH PERSPECTIVES**  
Sudol-Procyk, Magdalena (Institute of Archaeology, Nicolaus Copernicus University, Torun) - Werra, Dagmara (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Warsaw) - Brandl, Michael (Austrian Academy of Sciences, OREA-Institute, Vienna) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences, Research Centre in Warsaw) - Siuda, Rafał (Faculty of Geology, University of Warsaw) - Malak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University, Torun)
- 17:30 **FLINT TECHNOLOGY AND SOCIAL BEHAVIOUR AT THE TBK POGANICE SITE**  
Pyzewicz, Katarzyna (Faculty of Archaeology, University of Warsaw) - Gruzdz, Witold - Migal, Witold (State Archaeological Museum in Warsaw)
- 17:45 **ALFÖLD LINEAR POTTERY CULTURE COMMUNITIES IN EASTERN SLOVAKIA (THE NORTH-EASTERN CARPATHIAN BASIN) IN THE LIGHT OF OBSIDIAN SOURCE USE**  
Werra, Dagmara H. (The Institute of Archaeology and Ethnology Polish Academy of Sciences, Warsaw) - Hughes, Richard E. (Geochemical Research Laboratory, Portola Valley) - Nowak, Marek (Institute of Archaeology, Jagiellonian University, Cracow) - Vizdal, Marián (Institute of History, Prešov University, Prešov) - Gačková, Lýdia (Zemplínske múzeum, Michalovce)
- 18:00 **DISCUSSION SLOT**

### POSTERS:

- A. **RAW MATERIAL UNIT ANALYSIS IN THE THEORY AND PRACTICE OF ARCHAEOLOGICAL RESEARCH: AN EXAMPLE FROM PALAEOLITHIC SITES OF RUSSIAN ALTAI**  
Natalia E., Belousova - Fedorchenko, Alexander (Institute of Archaeology and Ethnography SB RAS)

## 207 COMBUSTION FEATURES IN MEDITERRANEAN LATE PREHISTORY: MULTIDISCIPLINARY APPROACHES TO THEIR USES AND FUNCTIONS

Time: 11:00 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Beylier, Alexandre (UMR5140, CNRS - Centre National de la Recherche Scientifique; Université Montpellier 3; Service archéologie Sète agglomération méditerranéenne) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Molist, Miquel (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National Research Council)

### ABSTRACTS

11:00 INTRODUCTION

11:15 PYROTECHNOLOGICAL PROCESSES BEHIND FIRE TRACES: EXPERIMENTAL ARCHAEOLOGY FOR THE INTERPRETATION OF ARCHAEOLOGICAL RECORD

Costa, Annalisa (LaBAAF, Laboratorio Bagolini Archeologia Archeometria Fotografia, Università degli Studi di Trento) - Cavulli, Fabio (Università degli Studi di Napoli Federico II, Dipartimento di Studi Umanistici) - Pedrotti, Annalisa (LaBAAF, Laboratorio Bagolini Archeologia Archeometria Fotografia, Università degli Studi di Trento)

11:30 COMBUSTION STRUCTURES AND USE OF SPACE. A MULTIDISCIPLINARY APPROACH TO THE NEOLITHIC OCCUPATION AT COVA DE LES PIXARELLES (TAVERTET, BARCELONA)

Sisa-López de Pablo, Joaquim (Universitat Autònoma de Barcelona, Departament de Prehistòria, Grup de Recerca en Arqueologia prehistòrica de la Mediterrània i Pròxim Orient - GRAMPO) - Wattez, Julia (Inrap, Umr 5140 Archéologie des Sociétés Méditerranéennes; Equipe Sol-DMOS, AgroParisTech) - Álvarez, Ramón - Rauret, Anna Maria (Universitat de Barcelona, Departament d'Història i Arqueologia) - Gómez, Anna - Molist, Miquel (Universitat Autònoma de Barcelona, Departament de Prehistòria, Grup de Recerca en Arqueologia prehistòrica de la Mediterrània i Pròxim Orient - GRAMPO)

11:45 A MULTIDISCIPLINARY TOOLSET TO STUDY A NEOLITHIC COMBUSTION STRUCTURE FROM THE NORTHEASTERN COAST OF THE IBERIAN PENINSULA

Monforte-Barberan, Andreu - Sisa-López de Pablo, Joaquim - Breu, Adrià (GRAMPO, Universitat Autònoma de Barcelona) - Beamud, Elisabet - Maestre, Estefanía (Unitat de PALEOMAGNETISME - CCiTUB-CSIC / Geosciences Barcelona - Geo3Bcn) - Gallego, Jose (Global Geomática SL) - Martínez, Pablo (SERP, Universitat de Barcelona / CIPAG) - Molist, Miquel (GRAMPO, Universitat Autònoma de Barcelona)

12:00 AN APPROACH TO THE STUDY OF PREHISTORIC FIRE-PITS BASED ON NEOLITHIC EVIDENCE FROM THE BARCELONA PLAIN (SPAIN)

Ruiz, Joaquim (Universitat Autònoma de Barcelona. Prehistoria. GRAPPO)

12:15 KILNS AND BUILDERS: AN EXPERIMENTAL STUDY ON HUMAN FACTOR IN THE CONSTRUCTION AND USE OF POTTERY FIRING INSTALLATIONS IN CHALCOLITHIC

Manea, Bogdan (ArchaeoSciences Division, ICUB, University of Bucharest) - Opreș, Vasile - Ignat, Theodor (Bucharest Municipality Museum) - Popescu, Gabriel - Lazăr, Cătălin (ArchaeoSciences Division, ICUB, University of Bucharest)

12:30 FROM THE NORTH TO THE SOUTH. BRONZE AGE COMBUSTION FEATURES OF VIA ORDIERE-SOLAROLO AND MURSIA (ITALY): ARCHAEOLOGY, GEOARCHAEOLOGY, EXPERIMENTAL DATA

Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140, CNRS, Univ. Paul Valéry Montpellier 3, MCC; LabEx ARCHIMEDE, programme IA- ANR-11-LABX-0032-01; Università di Bologna) - Debandi, Florencia - Cattani, Maurizio (Università di Bologna)

12:45 DISCUSSION SLOT

14:30 DEFINING RECURRENT HUMAN ACTIVITIES AT A 3RD MILLENNIUM SETTLEMENT THROUGH CONCENTRATIONS OF ARCHAEOBOTANICAL REMAINS: THE CASE OF DHASKALIO, KEROS, GREECE  
Mavromati, Antigoni (Independent researcher) - Ntinou, Maria (School of History and Archaeology, Department of Archaeology, Aristotle University of Thessaloniki) - Tsartsidou, Georgia (Ephorate of Palaeoanthropology-Speleology, Ministry of Culture, Athens; M. H. Wiener Laboratory for Archaeological Science, ASCSA, Athens) - Margaritis, Evi (The Cyprus Institute, Science and Technology in Archaeology and Culture Research Center - STARC, Nicosia) - Boyd, Michael - Renfrew, Andrew (McDonald Institute for Archaeological Research, University of Cambridge)

14:45 A MULTIDISCIPLINARY APPROACH TO FUEL CONSUMPTION: ANALYSIS OF LATE PREHISTORIC COMBUSTION FEATURES IN NE IBERIA AND THE BALEARIC ISLANDS

Allué, Ethel (Institut de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Burguet-Coca, Aitor (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Mas, Bàrbara (Seminari d'Estudis i Recerques Prehistòriques - SERP, Departament d'Història i Arqueologia, Universitat de Barcelona) - Picornell-Gelabert, Llorenç (ArqueoUIB Research Team, Department of Historical Sciences and Theory of Arts, Universitat de les Illes Balears)

15:00 IRON AGE COMBUSTION STRUCTURES IN THE EASTERN IBERIAN PENINSULA AND SOUTH OF FRANCE: A TRANSDISCIPLINARY STUDY

Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National Research Council) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Pecci, Alessandra - Saorin, Carme (Universitat de Barcelona) - Camaño, Pilar - Cuscó, Oriol - Pastor, María - Canela, Joan (ICAC - Catalan Institute of Classical Archaeology)

15:15 GEOCHEMICAL TECHNIQUES APPLIED TO THE STUDY OF COMBUSTION STRUCTURES

Saorin, Carme (GRAP - Universitat de Barcelona)

15:30 FUEL USE IN NORTHEASTERN IBERIA THROUGH MICROMORPHOLOGY AND PLANT MICROFOSSIL EVIDENCE FROM IRON AGE COMBUSTION INSTALLATIONS

Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Portillo, Marta (Department of Archaeology and Anthropology, Archaeology of Social Dynamics - 2017SGR 995, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC, Barcelona)

15:45 DISCUSSION SLOT

16:30 EVIDENCE FOR FIRE USE -OR NOT- AT THE TALAYOTIC SITE OF TORRE D'EN Galmés

Perez-Juez, Amalia (Boston University; Institut Menorquí d'Estudis) - Goldberg, Paul (University of Tübingen; Boston University)

16:45 INTEGRATING MICROFOSSIL RECORDS FROM LIVESTOCK DUNG BURNED AS FUEL IN MENORCA, BALEARIC ISLANDS: AN EXPERIMENTAL APPROACH

Portillo, Marta (Department of Archaeology and Anthropology, Archaeology of Social Dynamics - 2017SGR 995, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC) - Dudgeon, Kate (Department of Archaeology, University of Reading) - Llergo, Yolanda (Department of Prehistory, Autonomous University of Barcelona) - Anglada, Montserrat - Ramis, Damià (Museu de Menorca, Menorca, Balearic Islands) - Ferrer, Antoni (Institut Menorquí d'Estudis, Menorca, Balearic Islands)

17:00 INVESTIGATING COMBUSTION STRUCTURES THROUGH EXPERIMENTAL APPROACHES AT IRON AGE CALAFELL ARCHAEOLOGICAL SITE (TARRAGONA, SPAIN)

Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Pou, Josep (Ajuntament de Calafell) - Morer, Jordi (Món Iber ROCS SL; Universitat de Barcelona) - Pastor, María (ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National Research Council) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Pecci, Alessandra - Saorin, Carme (Universitat de Barcelona) - Fernández, Joaquim (Universitat Autònoma de Barcelona)

- 17:15 **MODULAR OVENS OF THE CAPUT ADRIAE IRON AGE: USE AND FUNCTION**  
Tasca, Giovanni (Museo Civico di San Vito al Tagliamento) - Vinazza, Manca (University of Ljubljana) - Groppo, Veronica (University of Venice)
- 17:30 **CONSTRUCTION OF SOCIAL HISTORY OF CONTROL AND APPLICATION OF THERMAL ENERGY PROCESS AND ITS TECHNICAL, SOCIAL, SYMBOLIC AND PALAEOENVIRONMENTAL CONSEQUENCES**  
March, Ramiro (CNRS)
- 17:45 **DISCUSSION SLOT**

## 214 **KINGSHIP IN EARLY MEDIEVAL EUROPE: PLACES OF ROYAL POWER AND RITUAL**

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 7. From global to local: Baltic-Pontic studies

Format: Regular session

Organisers: Sanmark, Alexandra (University of the Highlands and Islands) - Ljungkvist, John (Uppsala University) - Hall, Mark (Perth Museum & Art Gallery)



### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **A PRE-CHRISTIAN CULT AREA IN FREY'S SHIRE - A PRESENTATION OF TWO SITES NEAR HARREBY, SOUTHERN DENMARK**  
Grundvad, Lars (Museet Sønderkov)
- 15:00 **MEMORIES OF PICTISH ROYAL POWER IN PLACES OF CHRISTIAN RITUAL**  
Plumb, Oisín (University of the Highlands and Islands)
- 15:15 **CARVED STONES AND KINGSHIP IN EARLY MEDIEVAL NORTH-WESTERN EUROPE**  
Busset, Anouk (University of Glasgow; University of Lausanne)
- 15:30 **KING-SEATS OR ROYAL RESIDENCES, THAT'S THE QUESTION**  
Fallgren, Jan-Henrik (Uppsala Universitet)
- 15:45 **LOCAL COMMUNITIES AND THE RISE OF POLITIES IN THE TYNE-FORTH REGION**  
Orsini, Celia (Durham University)
- 16:00 **DISCUSSION SLOT**
- 16:15 **VISIBILITY, MOVEMENT, AND THE ROYAL DYNAMICS OF CONTROL AT YEAVINGER, NORTHUMBERLAND, ENGLAND**  
Buchanan, Brian (Eastern Washington University) - Semple, Sarah - Skinner, Tudor (Durham University)
- 16:30 **FEEDING KING AND COURT: FOOD RENDERS, HUNTING AND FEASTING AT LLANGORSE CRANNOG, WALES**  
Best, Julia (Cardiff University)
- 16:45 **THE VOCABULARY OF POWER AND BECOMING (NEARLY) ROYAL: THE EARLS OF FLANDERS BETWEEN THE LATE 9TH AND EARLY 11TH CENTURY**  
Tys, Dries (Vrije Universiteit Brussel)
- 17:00 **FROM SITE ON TRADE ROUTE TO KEY ROYAL CITY**  
Videiko, Mariia (Kyiv Borys Grinchenko University)
- 17:15 **THE ORIGINS OF COPENHAGEN AND THE CONSOLIDATION OF ROYAL POWER**  
Stafseth, Terje (Copenhagen Museum)
- 17:30 **THE GEOGRAPHY OF POWER IN MEDIEVAL SCOTLAND**  
Sanmark, Alexandra (University of the Highlands and Islands)
- 17:45 **DISCUSSION SLOT**

## 216 **HORIZON EUROPE: ADDRESSING THE PRIORITIES**

Time: 9:00 - 11:00 CEST, 10 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Round tableco-organisers to be provided

Organisers: Carver, Martin (University of York; British Academy) - Bánffy, Eszter (DAI Römisch-Germanische Kommission, Frankfurt am Main; German Archaeological Institute, Budapest Research Unit)

### ABSTRACT

Horizon Europe, which follows Horizon 2020 as the principle vehicle of EU research funding in January 2021, urges us to focus on the urgent matters of the day:

- Health
- Culture, creativity and an inclusive society
- Civil security
- Digital industry and space
- Climate, energy and mobility
- Food, bioeconomy, natural resources, agriculture and environment

These objectives align with the Sustainable Development Goals drawn up by the UN in its 75th anniversary year, so can be justly called global. How will archaeology organise to address these topics? As a subject that professes disciplines of both STEM and SHAPE we are well placed to make effective contributions. While science is seen as the primary instrument for achieving the objectives, there is a good case for the humanities, and archaeology in particular, to illuminate the case and win new support through the advocacy of the past. But some adjustment will be required to the traditional agenda and to the interdisciplinary groupings that will be needed. This round table intends to launch the conversation.

### AGENDA

- Introduction: Are we ready to go global? Addressing the UN SDGs: pathways for archaeological research
- Personal, National and Global: at what level should research agendas be prescriptive?
- Archaeology is both a STEM and a SHAPE subject with strong benefits to both communities; can we make the case, to governments for a two-horse category for archaeology?
- If STEM deduces, and SHAPE advocates, how can we strengthen both to strengthen the impact of the whole?
- Interdisciplinarity is necessary to address the SDG's. How can project design accommodate it in the new goals?
- If its principal agenda is to serve the SDGs, how would project designs be assessed?
- Archaeology has a strong commercial presence and is a million-euro player in the economy; how are its commercial and intellectual contributions to be assessed?
- If any of these ideas attracts support, how would their adoption affect the teaching of archaeology?
- How would these ideas be of benefit to the public?

## 222 **LOST IN TRANSLATION: TRANSFORMED AND FORGOTTEN KNOWLEDGE**

Time: 11:00 - 18:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Kneisel, Jutta (Kiel University) - Damm, Charlotte (Tromsø University) - Eriksen, Berit Valentin (Centre for Baltic and Scandinavian Archaeology)

### ABSTRACTS

- 11:00 **INTRODUCTION**
- 11:15 **RE-GAINING KNOWLEDGE - DEVELOPING WAYS TO TRACE CHANGE**  
Hinrichs, Moiken (Cluster of Excellence ROOTS, Subcluster Knowledge)

- 11:30 **CHANGING SOCIAL CONTEXT OF LITHIC PRODUCTION IN THE SOUTHERN GERMAN NEOLITHIC. CONSEQUENCES FOR PRODUCTION AND TRANSMISSION OF KNOWLEDGE**  
Fisher, Lynn (University of Illinois Springfield) - Harris, Susan (Santa Barbara, California) - Knipper, Corina (Curt Engelhorn Zentrum Archäometrie) - Schreg, Rainer (Otto-Friedrich-Universität Bamberg)
- 11:45 **TRAVELLING CRAFTSMEN AND ARTEFACTS IN MOTION. THE DECLINE AND FALL OF FLINT CRAFTSMANSHIP IN BRONZE AGE DENMARK**  
Eriksen, Berit Valentin (Centre for Baltic and Scandinavian Archaeology)
- 12:00 **LOST IN TRANSLATION OR LOST IN RESEARCH? SURVIVING STONE KNAPPING EXPERTISE IN BRONZE AGE SOUTHERN ITALY**  
Vilmercati, Melissa (Sapienza - University of Rome)
- 12:15 **MIND THE GAP - INVESTIGATING KNOWLEDGE TRANSMISSION AS THE STOREGGA TSUNAMI BATTERED THE COASTAL SETTLEMENTS OF WEST-NORWAY 8200 BP**  
Nyland, Astrid (Museum of Archaeology, University of Stavanger) - Damlien, Hege (Museum of Cultural History, University of Oslo)
- 12:30 **TRADITIONS ON A MICROSCALE**  
Mahlstedt, Svea (NIHK) - Niekus, Marcel (University of Groningen)
- 12:45 **DISCUSSION SLOT**
- 14:30 **A THRICE INVENTED, TWICE LOST TECHNOLOGY: CERAMIC TILED ROOFS IN ANCIENT GREECE**  
Jazwa, Kyle (Maastricht University)
- 14:45 **„LOST AND (RE)FOUND“: MERCURY REDEFINED?**  
Szigli, Kinga (Ludwig-Maximilians-Universität München)
- 15:00 **VISUAL ART AS A RESOURCE FOR VIKING AGE POETRY**  
Neiß, Michael (Uppsala University, Department of Archaeology & Ancient History)
- 15:15 **DISCUSSION SLOT**
- 15:30 **WHEN THE WORLD BURNS, THE NETTLE DOES NOT**  
Kauhanen, Riku (University of Turku)
- 15:45 **ETHNOBOTANY AND WRITTEN SOURCES ON FLORAL RESOURCES IN EVERYDAY LIFE AS PROXY DATA FOR BRONZE AGE ECONOMY RECONSTRUCTIONS**  
Slusarska, Katarzyna (Uniwersytet Szczecinski)
- 16:00 **THE RICHNESS OF THE MATERIAL AND IMMATERIAL HERITAGE IN THE ALGARVE MEGALITHISM (PORTUGAL)**  
de Oliveira Teixeira, Luisa (Universidade Autónoma de Lisboa)
- 16:15 **DISCUSSION SLOT**
- 16:30 **REMEMBRANCE OR LOST KNOWLEDGE? – SEPULCHRAL CULTURE IN THE NORTHERN BRONZE AGE**  
Kneisel, Jutta (Christian-Albrechts-University of Kiel; Johanna-Mestorf-Academy)
- 16:45 **TRANSLATING KNOWLEDGE AND IDEAS. A 1. MILLENNIUM AD BURIAL SITE AT POINT HOPE IN ALASKA**  
Odgaard, Ulla (Independent researcher) - Houmard, Claire (Chrono-Environnement CNRS, Université Bourgogne Franche-Comté)
- 17:00 **ROCK ART IN NORTHERN FENNOSCANDIA: ABANDONMENT AND REVIVAL**  
Gjerde, Jan Magne (NIKU - Norwegian Institute for Cultural Heritage Research) - Damm, Charlotte (UiT - The Arctic University of Norway)
- 17:15 **DISCUSSION SLOT**

## 230 **STORIES AND COMPASSION: MATERIAL CULTURE, MEMORY, AND EMOTION**

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Nilsson Stutz, Liv (Linnaeus Univeristy) - Tarlow, Sarah (University of Leicester)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **ON THE EDGE OF MATERIALITY: STORIED LANDSCAPES AND COMMUNITY NARRATIVES**  
van den Berg, Mathilde (University of Oulu)
- 15:00 **MORTUARY RITUALS AS TECHNOLOGIES OF REMEMBRANCE: THE CASE OF THE HUNTER AND GATHERERS OF CHECUA SITE, COLOMBIA (9500-5000 CAL BP)**  
Archila, Sonia (Department of Anthropology, University of Los Andes) - Ospina, Juan (Cultural Heritage Studies Faculty, Universidad Externado de Colombia; Department of Anthropology, University of Los Andes)
- 15:15 **EMOTIONS, EMOTIONAL EXPERIENCES AND ARCHAEOLOGY: A CASE STUDY FROM LATER MEDIEVAL BRITAIN**  
Standley, Eleanor (University of Oxford)
- 15:30 **PROBLEMATIC STUFF: REINTERPRETING THE STRUCTURED DEPOSITS OF IRON AGE BRITAIN**  
Büster, Lindsey (University of York)
- 15:45 **FAMILY HEIRLOOMS: BRIDGES BETWEEN INDIVIDUALS AND CONTEXTS**  
Wessman, Anna (Bergen University Museum)
- 16:00 **DISCUSSION SLOT**
- 16:15 **MEMORY AND LANDSCAPE STABILITY ON THE WELSH SEVERN ESTUARY**  
Dwan, Christopher (The University of Sheffield)
- 16:30 **NORTH-WEST OF EDEN: UTOPIAN NARRATIVES AND THE STATE OF OREGON**  
Witcher, Robert (Durham University) - Hanscam, Emily (Amsterdam University) - van Helden, Daan (Leicester University)
- 16:45 **FAC-SIMILE CATACOMBS IN EUROPE BETWEEN THE 19TH AND THE 20TH CENTURY AS MONUMENTAL EXPRESSION OF MEMORY AND EMOTION**  
Cecalupo, Chiara (Universidad Carlos III Madrid)
- 17:00 **TATTOOED SKIN, DEFORMED SKULLS, FILED TEETH: EMBODIED MEMORIES AND EMOTIONS IN ARCHAEOLOGICALLY EVIDENT PERMANENT BODY MODIFICATIONS**  
Kerk, Lukas (Westfälische Wilhelms-Universität Münster, Historisches Seminar, Abteilung für Ur- und Frühgeschichtliche Archäologie)
- 17:15 **ANIMATE OBJECTS, EMOTION, AND THE NON-PERSON: DEPOSITIONAL PRACTICES IN SCANDINAVIA FROM THE BRONZE AGE TO THE VIKINGS**  
Eriksen, Marianne Hem (University of Leicester)
- 17:30 **DISCUSSION SLOT**



## 233 IN SEARCH OF THE URBAN HABITAT: EXPLORING THE CONNECTION BETWEEN TOWNS AND THEIR ENVIRONMENT IN TIME AND SPACE

Time: 11:00 - 18:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands) - Balbi, Nicholas (Colchester Archaeological Group) - Belford, Paul (Clwyd-Powys Archaeological Trust)



### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 THE IMPORTANCE OF THE ENVIRONMENT FOR THE EARLY URBANIZATION IN DENMARK  
Runge, Mads (Odense City Museums)
- 11:30 CROSSING THE LINES – URBAN RELATIONSHIPS WITHIN VIKING-AGE IRELAND  
Boyd, Rebecca (University College Cork)
- 11:45 ARLES: THE STUDY OF CULTURAL AND POLITICAL PROTAGONIST AS PROTECTION AGAINST URBAN DEVELOPMENT  
Balbi, Jose (Colchester Archaeological Group; Dirección de Cultura y Educación BA) - Leone, Isabella (SIA - Società Italiana de Archaeo Astronomia) - Balbi, Carolina (estudiante FADU - Facultad de Arquitectura, diseño y Urbanismo, Universidad de Buenos Aires)
- 12:00 TOWNS BY THE KING'S WILL – URBANISATION IN THE NORTH-EASTERN TRANSDANUBIAN REGION OF HUNGARY BETWEEN THE 11TH-16TH CENTURIES  
Kolláth, Ágnes (Institute of Archaeology, Research Centre for the Humanities)
- 12:15 TOWN REDEFINED. SOCIO-ECOLOGICAL SYSTEMS OF TAKLAMAKAN DESERT'S OASES AND THE PROBLEM OF ENVIRONMENTAL RESILIENCE  
Hanus, Kasper Jan (TBD)
- 12:30 DISCUSSION SLOT
- 14:30 OPPIDUM AS AN URBAN LANDSCAPE. MULTIDISCIPLINARY APPROACH TO THE STUDY OF EMPTY SPACES 'INTRA MUROS'  
Golánová, Petra (Masaryk University, Department of Archaeology and Museology, Brno) - Hajnalová, Mária (Constantine the Philosopher University, Nitra) - Lisá, Lenka (Institute of Geology CAS, Prague) - Milo, Peter (Masaryk University, Department of Archaeology and Museology, Brno) - Patrik, Flammer (Oxford University, Department of Zoology) - Petr, Libor (Masaryk University, Department of Botany and Zoology, Brno) - Petřík, Jan (Masaryk University, Department of Geology and Department, Brno) - Fránková, Markéta (Institut of Botany CAS, Department of Paleoecology, Brno)
- 14:45 THE ORGANISATION OF THE URBAN SPACE: A GEOARCHAEOLOGICAL PERSPECTIVE  
Devos, Yannick (Vrije Universiteit Brussel)
- 15:00 DISCUSSION SLOT
- 15:15 SPA TOWNS AS SPECIAL SETTLEMENTS LINKED TO THE NATURAL RESOURCE OF HEALING SPRINGS  
Schaer, Andrea (Berne University, Institute of Archaeological Sciences)
- 15:30 WHEN PROFIT CREATED A TOWN – URBAN LANDSCAPE OF MEDIEVAL MINING TOWNS IN CENTRAL EUROPE  
Cembrzynski, Pawel (Cluster of Excellence ROOTS, Kiel University)
- 15:45 "LIFE IN A COLD, REMOTE PLACE": EXAMINING THE RELATIONSHIP BETWEEN THE ENVIRONMENT AND A 20TH CENTURY ICELANDIC HERRING TOWN  
Westmont, V. Camille (University of the South)

- 16:00 DISCUSSION SLOT
- 16:15 BUILDING (ON) THE URBAN LANDSCAPE IN THE NETHERLANDS. FROM ADAPTING TO CREATING THE URBAN ENVIRONMENT  
Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)
- 16:30 EMBEDDING AND DEFENDING ANCIENT MESSENE IN ITS LANDSCAPE: THE CASE OF A GREEK CITY OF THE 4TH C. BC  
Müth-Frederiksen, Silke (National Museum of Denmark)
- 16:45 ANCIENT MAKYNEIA IN WESTERN GREECE: THE EVOLUTION OF AN AETOLIAN SITE THROUGH TIME AND ITS CONNECTION TO THE SURROUNDING LANDSCAPE  
Georma, Fragoula - Saranti, Foteini (Hellenic Ministry of Culture and Sports / Ephorate of Antiquities of Aitolokarnania and Lefkada) - Vlachopoulos, Andreas (University of Ioannina)
- 17:00 DISCUSSION SLOT

## 235 IS MACHINE LEARNING IN ARCHAEOLOGY FACT OR FICTION?

Time: 9:00 - 11:00 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Price, Henry (Imperial College London) - Girotto, Chiara (Ludwig-Maximilians-University Munich)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 SHINING A LIGHT INTO A BLACK BOX USING GRAD-CAM APPROACHES TO MAKE AUTOMATIC CLASSIFICATION MORE EXPLAINABLE  
van Helden, Daniël - Woldegeorgis, Eliyas - Zhou, Quinghua - Tyukin, Ivan - Allison, Penelope - Nuñez Jareño, Santos (University of Leicester)
- 9:30 AUTOMATED CLASSIFICATION OF CERAMIC FABRICS WITH CONVOLUTIONAL NEURAL NETWORKS: A CASE STUDY FROM THE SITE OF GUADALUPE IN NORTHEAST HONDURAS  
Lyons, Mike (University of Bonn; German Archaeological Institute)
- 9:45 BALANCING BIOARCHAEOLOGY AND MACHINE LEARNING AS INTERDISCIPLINARY YIN AND YANG  
Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca; Molecular Biology Center, Interdisciplinary Research Institute on Bio Nano Sciences, Babes-Bolyai University, Cluj-Napoca) - Mircea, Ioan (Department of Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University, Cluj-Napoca) - Kelemen, Beatrice (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca; Molecular Biology Center, Interdisciplinary Research Institute on Bio Nano Sciences, Babes-Bolyai University, Cluj-Napoca)
- 10:00 THE TREATMENT OF MISSING VALUES IN THE ANALYSIS OF PREHISTORIC EUROPEAN ANTHROPOLOGICAL DATA  
Ryan-Despraz, Jessica (University of Geneva) - Villotte, Sébastien (University of Bordeaux) - Desideri, Jocelyne - Besse, Marie (University of Geneva)
- 10:15 DISCUSSION SLOT

## 244 THE SEA AND THE CITY: UNRAVELLING STORIES FROM THE SEAFARING WORLD FROM THE 9TH TO THE 18TH CENTURY

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Toreld, Christina (Bohusläns Museum) - Johansson, Marianne (Viken fylkeskommune) - Poulain, Maxime (Ghent University)



### ABSTRACTS

- 9:00 THE SEA AND THE CITY – A NETWORK OF KNOWLEDGE AND STORIES IN THE MAKING  
Toreld, Christina (Bohusläns Museum)
- 9:15 'THE MAJOR HARBOUR' IN NYA LÖDÖSE AS DESCRIBED BY SIXTEN STRÖMBOM AFTER THE 1915 – 1918 EXCAVATION  
Ortman, Oscar (The county museum of Bohuslän)
- 9:30 TELLING A STORY THROUGH FORM, COLOR, OBJECTS AND IMAGES  
Hansson, Pia (Bohusläns museum)
- 9:45 DISCUSSION SLOT
- 10:00 A SEA IN THE MIDDLE: CONNECTING PRESENT AND PAST MATERIAL ASPECTS AROUND GENDER AND COLONIALISM  
Escribano-Ruiz, Sergio (University of the Basque Country, UPV/EHU) - Azpilicueta, Mercedes (Visual Artist living and working in Amsterdam and Buenos Aires)
- 10:15 REVIVING THE LOST HARBOURS OF THE ZWIN: A FRUITFUL COLLABORATION BETWEEN CREATIVE ARTISTS, ARCHAEOLOGISTS AND LOCAL EXPERTS  
Poulain, Maxime - De Clercq, Wim - Trachet, Jan (Ghent University)
- 10:30 MANAGING CULTURAL LANDSCAPES: KAUPANGER STAVE CHURCH AND KAUPANGER HOVEDGÅRD IN SOGNDAL IN VESTLAND COUNTY  
Knagenhjelm, Christoffer (Kaupanger Hovedgård)
- 10:45 AN OLD PORT BY THE SEA: THE CITY OF SON AND CONTRIBUTIONS TO A LOCAL IDENTITY  
Johansson, Marianne (Viken fylkeskommune)
- 11:00 DISCUSSION SLOT
- 11:30 FORGOTTEN CITY – HISTORY OF THE MEDIEVAL HARBOUR IN PUCK BAY (POLAND)  
Pydyn, Andrzej - Popek, Mateusz (Institute of Archaeology, Nicolaus Copernicus University, Torun)
- 11:45 THE PROVIDENTZ 1721-RE-ESTABLISHING CONNECTIONS BEYOND NATIONAL BOUNDARIES  
Fawsitt, Sarah - Johannessen, Jørgen (Norwegian Maritime Museum)
- 12:00 JOURNEYS CARVED IN STONE – DECIPHERING STORIES OF MARITIME TRAVELLERS THROUGH HISTORIC GRAFFITI AT THE NATURAL HARBOUR OF HAMNHOLMARNÄ  
Nordell, Linnea (Bohusläns museum) - Strid, Lars (Vitlycke museum)
- 12:15 DISCUSSION SLOT

## 246 IMPR – PHYTOLITHS IN INTEGRATED ARCHAEOBOTANICAL AND ETHNOARCHAEOLOGICAL STUDIES

Time: 9:00 - 18:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Dal Corso, Marta (Kiel University) - Out, Welmoed (Moesgaard Museum)



### ABSTRACTS

- 9:00 TRACES OF LIFE: INTEGRATING PHYTOLITH AND ETHNOARCHAEOLOGICAL ANALYSIS IN LEVANTINE SITES  
Jenkins, Emma (Bournemouth University)
- 9:30 THE USE OF PHYTOLITHS ANALYSIS FOR THE INTERPRETATION OF THE CONTENT OF POTTERY: AN EXPLORATORY STUDY OF AFRICAN ETHNOGRAPHIC SAMPLES  
Garnier, Aline (University of Paris East; Laboratory of Physical Geography CNRS - UMR 8591) - Mayor, Anne (University of Geneva) - Vieugue, Julien (CNRS - Prêtech UMR 7055) - Fichet, Valentine (Laboratory of Physical Geography CNRS - UMR 8591) - De Milleville, Lucile (Laboratory of Physical Geography CNRS - UMR 8591) - Regert, Martine - Drieu, Léa - Mazuy, Arnaud (CNRS - CEPAM UMR 7264)
- 9:45 THE POTTER, BETWEEN SPECIALISED PRODUCTION AND ROUTINE ACTIVITIES? MULTIDISCIPLINARY STUDY OF A COPPER AGE KILN  
Dal Corso, Marta (Kiel University / CRC1266 / ROOTS) - Hofmann, Robert (Kiel University / CRC1266) - Ohlrau, Renè (Kiel University / ROOTS) - Dreibrodt, Stefan (Kiel University / CRC1266) - Müller, Johannes (Kiel University / CRC1266 / ROOTS) - Benecke, Norbert (DAI Berlin) - Videiko, Mihail (Borys Grinchenko Kyiv University) - Kirleis, Wiebke (Kiel University / CRC1266 / ROOTS)
- 10:00 DISCUSSION SLOT
- 10:15 USING PHYTOLITHS TO RECONSTRUCT ARCHAEOLOGICAL STORAGE PIT FUNCTION IN BRONZE AND IRON AGE ANATOLIA (TURKEY)  
Turnbull, Molly (University of Queensland School of Social Science, Archaeology) - Crowther, Alison (University of Queensland School of Social Science, Archaeology; Max Planck Institute for the Science of Human History) - Fairbairn, Andrew (University of Queensland School of Social Science, Archaeology) - Omura, Sachihiko (Japanese Institute of Anatolian Archaeology)
- 10:30 PLANT WAYS IN MIDDLE BRONZE AGE ANATOLIA – AN ARCHAEOLOGICAL INTERPRETATION OF PHYTOLITHS AND PLANT REMAINS AT ZINCIRLI HÖYÜK, TURKEY  
Ögüt, Birgül (German Archaeological Institute) - Karakaya, Doga (Eberhard Karls Universität Tübingen, Institut für Naturwissenschaftliche Archäologie)
- 10:45 IDENTIFYING THE WATER REGIME AND ITS ASSOCIATION WITH CROP HIERARCHIES DURING 1850-1750 CAL BC IN THE XINZHAI SITE, CHINA  
An, Jingping - Dal Corso, Marta - Kirleis, Wiebke (Pre-and Protohistorical Archaeology, Kiel University) - Jin, Guiyun (Institute of Cultural Heritage, Shandong University)
- 11:00 DISCUSSION SLOT
- 11:30 PHYTOLITHS, SEEDS AND WOODEN CRAFTS: THE STUDY OF JAPANESE COLONIALISM IN NORTHERN TAIWAN (HEPING DAO, KEELUNG)  
Chevalier, Alexandre (Royal Belgian Institute of Natural Sciences) - Martín-Seijo, María - Serrano Herrero, Elena (Universidad de Cantabria) - Tsang, Chenghwa (National Tsing Hua University) - Cruz Berrocal, María (Universidad de Cantabria)
- 11:45 PHYTOLITHS, STARCH GRAINS AND ANDEAN CROPS: THE INPUT OF THEIR DIVERSITY FROM AMERICA TO ARCHAEOBOTANICAL RESEARCH  
Musaubach, Maria (National University of Jujuy; Institute of Andean Ecoregions - CONICET-UNJu) - Plos, Anabela (Museo Argentino de Ciencias Naturales - CONICET; GBIF Argentina; Sistema Nacional de Datos Biológicos)

- 12:00 **SONDONDO'S AGRICULTURE AS REFLECTED IN PHYTOLITHS. USE OF SOIL ANALYSIS TO UNDERSTAND SOCIAL DEVELOPMENT IN PREHISPANIC TERRACES IN PERU**  
Aparicio, Patricia (Pontificia Universidad Católica del Perú; Universidad de Oviedo) - Korstanje, Alejandra (Instituto de Arqueología y Museo, Universidad Nacional de Tucuman, Instituto Superior de Estudios Sociales - CONICET-UNT)
- 12:15 **DARK EARTHS PLANT MANAGEMENT AND THE REGIONAL DEVELOPMENT OF TAPAJÓ CULTURE IN THE LOWER AMAZON**  
Alves, Daiana (Federal University of Pará) - Iriarte, Jose (University of Exeter)
- 12:30 **4000 YEARS OF RESILIENT PASTORALISM: THE PHYTOLITH ASSEMBLAGE FROM A MULTIPERIOD HABITATION SITE IN NORTHWESTERN MONGOLIA**  
García-Granero, Juan José (Spanish National Research Council - IMF-CSIC; University of Oxford) - Égüez, Natalia (Universidad de La Laguna) - Seitsonen, Oula (University of Oulu) - Wright, Nathan (University of New England) - Broderick, Lee (Oxford Archaeology) - Bayarshaikhan, Jamsranjav (National Museum of Mongolia) - Houle, Jean-Luc (Western Kentucky University)
- 12:45 **DISCUSSION SLOT**
- 14:30 **RECONSTRUCTING BRONZE AGE AGRO-PASTORAL PRACTICE IN THE MESOPOTAMIAN-ZAGROS FOOTHILLS: PHYTOLITH AND FTIR ANALYSIS OF DUNG-RICH SEDIMENTS FROM KHANI MASI (IRAQ)**  
Laugier, Elise (Dartmouth College) - Cabanes, Dan (Rutgers University)
- 14:45 **BEDDING LAYERS FROM BORDER CAVE, SOUTH AFRICA: A PHYTOLITH AND FTIR INVESTIGATION**  
Esteban, Irene (ERAAUB - Universitat de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand) - Wadley, Lyn (Evolutionary Studies Institute, University of the Witwatersrand) - Backwell, Lucinda (Instituto Superior de Estudios Sociales - ISES-CONICET; Evolutionary Studies Institute, University of the Witwatersrand)
- 15:00 **TAPHONOMY, ENVIRONMENT OR HUMAN PLANT EXPLOITATION STRATEGIES? DECIPHERING CHANGES IN PLEISTOCENE-HOLOCENE PLANT REPRESENTATION AT UHMLATUZANA ROCK SHELTER, SOUTH AFRICA**  
Murungi, May (Human Evolution Research Institute, University of Cape Town; Evolutionary Studies Institute, University of the Witwatersrand) - Esteban, Irene (ERAAUB, Dept. Història i Arqueologia, Universitat de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand; Centre for Coastal Palaeoscience, Nelson Mandela Metropolitan University) - Sifogeorgaki, Irini (Faculty of Archaeology, Leiden University) - Dusseldorp, Gerrit (Faculty of Archaeology, Leiden University; Palaeo-Research Institute, University of Johannesburg)
- 15:15 **DISCUSSION SLOT**
- 15:30 **TOWARDS A MODEL OF A MAMMALIAN INTERFACE WITH THE PHYTOLITHS IN THEIR NATURAL ENVIRONMENT: INSIGHTS FROM TAÏ CHIMPANZEE FAECAL PHYTOLITHS**  
Power, Robert (Institute for Pre-and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig-Maximilians-University Munich; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Wittig, Roman (Department of Primatology, Max Planck Institute of Evolutionary Anthropology, Leipzig; Taï Chimpanzee Project, centre Suisse de Recherches Scientifiques, Abidjan) - Stone, Jeffery (Department of Earth and Environmental Systems, Indiana State University) - Kupczik, Kornelius (Max Planck Weizmann Center for Integrative Archaeology and Anthropology, Max Planck Institute of Evolutionary Anthropology, Leipzig, Germany; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Schulz-Kornas, Ellen (Max Planck Weizmann Center for Integrative Archaeology and Anthropology, Max Planck Institute of Evolutionary Anthropology, Leipzig; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 15:45 **INVESTIGATING DIETARY CHANGES AT TELL KAMID EL-LOZ, BETWEEN THE 2ND-1ST MILLENNIA B.C.E USING PLANT MICROREMAINS RECOVERED FROM DENTAL CALCULUS**  
Gur-Arieh, Shira (Ludwig-Maximilians-Universität München)
- 16:00 **A GLIMPSE INTO SHELLMOUND BUILDERS DIET DURING MID-TO-LATE HOLOCENE ON MARAJÓ ISLAND**  
Hilbert, Lautaro (University of São Paulo) - Alves, Daiana (Federal University of Pará) - Iriarte, José (University of Exeter)

- 16:15 **DISCUSSION SLOT**
- 16:45 **DUNG IN THE DUMPS: AN ARCHAEOBOTANICAL COMPARISON OF PHYTOLITHS, POLLEN AND SEEDS IN DUNG PELLETS FROM EARLY ISLAMIC SHIVTA (ISRAEL)**  
Dunseth, Zachary (Brown University) - Langgut, Dafna (Tel Aviv University) - Fuks, Daniel (McDonald Institute for Archaeological Research, University of Cambridge)
- 17:00 **PHYTOLITHS, POLLEN, AND PALEOECOLOGY AT A MIDDLE WOODLAND SITE IN THE AMERICAN SOUTHEAST**  
Balco, William (University of North Georgia) - Scott Cummings, Linda (PaleoResearch Institute)
- 17:15 **DISCUSSION SLOT + POSTERS**

#### POSTERS:

- A. **FURTHER EVIDENCE FOR SEASONAL TRANSHUMANCE OF YAMNAYA COMMUNITIES DURING THE LATE COPPER – EARLY BRONZE AGE OF THE CARPATHIAN BASIN**  
Lisztes-Szabó, Zsuzsa (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Res) - Filep, Anna Fruzsina (Pál Juhász-Nagy Doctoral School of Biology and Environmental Sciences, University of Debrecen) - Heyd, Volker (Department of Cultures, University of Helsinki) - Kulcsár, Gabriella (Institute of Archaeology, Research Centre for the Humanities) - Włodarczak, Piotr (Polska Akademia Nauk, Instytut Archeologii i Etnologii, Ośrodek Archeologii Gór i Wyzyn) - Dani, János (Déri Museum)
- B. **GRINDING PLANTS FOR FOOD AT THE EARLY BRONZE AGE SITE OF AGIOS ATHANASIOS: A MULTIPROXY APPROACH**  
Kasapidou, Georgia (LIRA Laboratory, Department of Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki; Center for Interdisciplinary Research and Innovation - CIRI-AUTH, Balkan Center, Thessaloniki) - Tsartsidou, Georgia (The Malcolm H. Wiener Laboratory for Archaeological Science, The American School of Classical Studies at Athens; Ephorate of Palaeoanthropology-Speleology) - McNamee, Calla (The Malcolm H. Wiener Laboratory for Archaeological Science, The American School of Classical Studies at Athens) - Chondrou, Danai - Valamoti, Soultana (LIRA Laboratory, Department of Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki; Center for Interdisciplinary Research and Innovation - CIRI-AUTH, Balkan Center, Thessaloniki)
- C. **UNDERSTANDING CROP PROCESSING MODELS AND THEIR SOCIAL MEANINGS DURING THE XINZHAI PERIOD (1850-1750 CAL BC)**  
An, Jingping - Kirleis, Wiebke (Pre-and Protohistoric Archaeology, Kiel University) - Jin, Guiyun (Institute of Cultural Heritage, Shandong University) - Zhao, Chunqing (Institute of Archaeology Chinese Academy of Social Sciences)
- D. **BEFORE AND AFTER OF THE HUDSON VOLCANO ERUPTION: PALEOECOLOGICAL APPROACH BY MULTIDISCIPLINARY ANALYSIS OF CAMELID COPROLITES**  
Benvenuto, María Laura - Burry, Lidia Susana - Velázquez, Nadia - Martínez Tosto, Ana Cecilia - Petrih, Romina (IIPROSAM, CONICET-UNMdP. Centro de Asociación Simple CIC PBA; Facultad de Ciencias Exactas y Naturales, UNMdP) - Camiolo, Ivana (IIPROSAM, CONICET-UNMdP. Centro de Asociación Simple CIC PBA) - Bozzuto, Damián (INAPL-CONICET; Facultad de Filosofía y Letras, Universidad Nacional de Buenos Aires) - Fernández, Natalia (IMHICIHU-CONICET) - Maveroff, Nicolás (INAPL-CONICET; Facultad de Filosofía y Letras, Universidad Nacional de Buenos Aires) - Guichón, Ricardo (Laboratorio de Ecología Evolutiva Humana y Núcleo de Estudios Interdisciplinarios sobre Poblaciones Humanas de Patagonia Austral; Facultad de Ciencias Sociales, Universidad Nacional del Centro de la Provincia de Buenos Aires)
- E. **PREDATOR-PREY RELATIONSHIPS INFERRED BY COPROLITE PHYTOLITH ANALYSIS FROM ARGENTINE PATAGONIA**  
Benvenuto, María Laura - Velázquez, Nadia - Martínez Tosto, Ana Cecilia (IIPROSAM, CONICET-UNMdP. Centro de Asociación Simple CIC PBA; Facultad de Ciencias Exactas y Naturales, UNMdP) - Fernández, Natalia (IMHICIHU-CONICET) - Civalero, María Teresa (INAPL-CONICET) - Osterrieth, Margarita (Instituto de Geología de Costas y del Cuaternario, UNMdP-CIC) - Burry, Lidia Susana (IIPROSAM, CONICET-UNMdP. Centro de Asociación Simple CIC PBA; Facultad de Ciencias Exactas y Naturales, UNMdP)

## 249 FORESTRY, SUBSISTENCE AND INDUSTRY: THE CHARACTER AND CONSERVATION OF WOODLAND HERITAGE

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Holyoak, Vincent (HE - Historic England) - Byrnes, Emmet (Forest Service, Department of Agriculture, Food and the Marine)

### ABSTRACTS

- 9:00 **SUCSESSES AND FAILURES OF THE ARCHAEOLOGICAL HERITAGE MANAGEMENT IN SAXON FORESTS**  
Strobel, Michael (Landesamt für Archäologie Sachsen) - Westphalen, Thomas (Landesamt für Archäologie Sachsen)
- 9:15 **ARCHAEOLOGICAL MANAGEMENT STRATEGIES AND CLIMATE-RESILIENT FOREST CONVERSION**  
Cott, Eva (LVR-Amt für Bodendenkmalpflege im Rheinland)
- 9:30 **ARCHAEOLOGICAL HERITAGE MANAGEMENT IN FLANDERS FORESTS: OPPORTUNITIES AND THREATS**  
Cordemans, Karl (Flemish Land Agency) - Meylemans, Erwin (Flanders Heritage Agency) - Goeminne, Nele (Archaeological Monument Watch)
- 9:45 **IF YOU ARE THE BIG TREE; A TREE TRUNK COFFIN BURIAL IN A LANDSCAPE OF DROWNING FORESTS**  
Allen, Tim (Historic England) - Willmott, Hugh (University of Sheffield) - Panter, Ian (York Archaeological Trust)
- 10:00 **CLIMATE CHANGE, NATURE RECOVERY AND THE HISTORIC ENVIRONMENT: WOODLAND CREATION IN ENGLAND**  
Robertson, David (Forestry Commission England) - Shaw, Lawrence (Forestry England)
- 10:15 **FARMING AND FORESTRY IN THE BLACKSTAIRS MOUNTAINS, IRELAND; LOOKING TO THE PAST TO MANAGE THE FUTURE**  
Ó Murchú, Séamus (Forest Service, Department of Agriculture, Food and the Marine)
- 10:30 **FOREST HISTORY AND INDUSTRIAL DEVELOPMENT INTERLINKS AT TERRITORIAL SCALE INFERRED FROM A COMBINATION OF WOOD AND CHARCOAL PAST USE EVIDENCES**  
Robin, Vincent (LIEC - Lorraine University - CNRS) - Knapp, Hannes (LabEx DRIIHM CNRS) - Gocel-Chalté, David (Chrono-Environnement CNRS) - Guérol, François (LIEC - Lorraine University - CNRS) - Rochel, Xavier (LO-TERR - Lorraine University)
- 10:45 **DISCUSSION SLOT**
- 11:00 **WOODEN MATERIAL CULTURE. PRACTICES AROUND THE UTILITY AND USE OF TREES DURING THE EARLY MEDIEVAL AND VIKING PERIOD IN IRELAND**  
O Carroll, Ellen - O'Donnell, Lorna (School of Archaeology, University College Dublin)
- 11:15 **NATURE VERSUS HERITAGE: NATURE INCLUDING HERITAGE**  
Schreurs, José (Cultural Heritage Agency of the Netherlands)
- 11:30 **EVIDENCE FOR A HORNBEAM WOODLAND FROM CHARCOAL KILNS IN MEUSE LOWLANDS (NORTHEASTERN FRANCE): PAST MANAGEMENT RECORD OR LOCAL ANOMALY?**  
Oliveira, Cláudia - Bouquerel, Jonathan (LIEC - Université de Lorraine) - Rochel, Xavier (LOTERR - Université de Lorraine) - Devin, Simon - Robin, Vincent (LIEC - Université de Lorraine)
- 11:45 **CELEBRATING THE WOODLAND HERITAGE OF THE SOUTHERN PENNINES: A COMMUNITY ARCHAEOLOGY INVESTIGATION**  
Atkinson, Christopher (University of Sheffield; Pennine Prospects)
- 12:00 **DARK FORESTS: AN ARCHAEOLOGY OF THE FRANCOIST INDUSTRIAL FORESTATIONS IN SPAIN**  
Millan-Pascual, Rafael (CSIC - Spanish National Research Council), Institute of Heritage Sciences)
- 12:15 **DISCUSSION SLOT**

### POSTERS:

- A. **AUTOMATIC DETECTION OF CHARCOAL PRODUCTION PLATFORMS BY DEEP-LEARNING TECHNIQUES – A CASE STUDY IN NORTHEASTERN FRANCE**  
Oliveira, Cláudia (LIEC - Université de Lorraine) - Aravecchia, Stéphanie - Pradalier, Cédric (GeorgiaTech Lorraine) - Robin, Vincent - Devin, Simon (LIEC - Université de Lorraine)

## 269 BETWEEN VARIABILITY AND SINGULARITY: CROSSING THEORETICAL, QUALITATIVE AND COMPUTER-BASED APPROACHES TO TYPES AND TYPOLOGIES IN ARCHAEOLOGY

Time: 9:00 - 15:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Hussain, Shumon (Aarhus University) - Plutniak, Sébastien (TRACES Laboratory, University of Toulouse) - Riede, Felix (Aarhus University)



### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **TOOL TYPES AND THE ESTABLISHMENT OF THE LATER PREHISTORY TAXONOMIC SYSTEM IN THE NILE VALLEY AND THE HORN OF AFRICA**  
Leplongeon, Alice (Department of Archaeology, KU Leuven; UMR HNHP 7194, Muséum national d'Histoire naturelle, CNRS, UPVD, Paris) - Ménard, Clément (Centre Français des Etudes Ethiopiennes, Addis Abeba)
- 9:30 **TYPOLOGY AND SOCIAL SIGNATURES – EXPLORING THE RELATIONSHIP BETWEEN ARTEFACT VARIABILITY AND PREHISTORIC INDIVIDUALS IN THE LATE UPPER PALAEOLITHIC**  
Pedersen, Jesper (Department of Archaeology and Heritage Studies, Aarhus University Moesgård)
- 9:45 **PRELIMINARY RESULTS OF 3D GEOMETRIC MORPHOMETRIC ASSESSMENT OF GRAVETTIAN SHOULDERED POINTS FROM KOSTENKI, RUSSIA**  
Lada, Anton (Institute for the History of Material Culture Russian Academy of Sciences; Saint-Petersburg State University) - Pugacheva, Ekaterina (European University at Saint-Petersburg) - Bessudnov, Alexander (Institute for the History of Material Culture Russian Academy of Sciences)
- 10:00 **DISCUSSION SLOT**
- 10:15 **STYLE, FUNCTION AND VARIABILITY IN THE FINAL PALAEOLITHIC LARGE TANGED POINTS IN EUROPE REVISITED**  
Riede, Felix - Matzig, David - Hussain, Shumon (Department of Archaeology and Heritage Studies Aarhus University)
- 10:30 **THE TYPOLOGY OF TECHNIQUES – LATE PALAEOLITHIC LITHIC INDUSTRIES UNDER REVIEW**  
Reuter, Tobias (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 10:45 **TYPOLOGY AND CERAMIC TECHNOLOGY: CASES STUDIES FROM CARIBBEAN ARCHAEOLOGY AND EUROPEAN BRONZE AGE WITH COMPUTER-BASED APPROACH**  
Manem, Sebastien (CNRS, UMR 7055 - Préhistoire et Technologie)
- 11:00 **RECONFIGURING LITHIC STUDIES THROUGH DESIGN THEORY**  
Hussain, Shumon - Matzig, David (Aarhus University)
- 11:15 **THE COMMON-SENSE TRAP IN ARTIFACT CATEGORIZATION**  
ioivita, radu (New York University/University of Tübingen)
- 11:30 **GRAPH HEURISTICS. CONTEXT-BASED TYPOLOGY OF ICONOGRAPHIC CONTENT WITH THE R PACKAGE ICONR**  
Huet, Thomas (LabEx ARCHIMEDE, ANR-11-LABX-0032-01) - Pozo, Jose - Alexander, Craig (Independent researcher)

- 11:45 **SAME THING, DIFFERENT TYPOLOGIES: A TYPOCHRONOLOGICAL MODULE FOR THE ARCHAEOLOGICAL TYPES IN THE CRFB DATABASE**  
Auth, Frederic - Domscheit, Wenke - Rösler, Katja - Hofmann, Kerstin (RGK - Romano-Germanic Commission DAI)
- 12:00 **DISCUSSION SLOT**
- 12:15 **ARCHITECTURAL DESIGN METHODS IN RESPONSE TO TYPOLOGICAL SYSTEMS IN ARCHAEOLOGY**  
Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senfthenberg)
- 12:30 **IT-BASED METHODS AND MACHINE LEARNING METHODS OF CLASSIFICATION: THE COOPERATIVE PROJECT CLARENET – CLASSIFICATION AND REPRESENTATION FOR NETWORKS**  
Hofmann, Kerstin - Wigg-Wolf, David - von Nicolai, Caroline - Möller, Markus - Tietz, Julia - Rösler, Katja (RGK - Romano-Germanic Commission DAI) - Tolle, Karsten - Krause, Robin - Deligio, Chrisowalandis (Frankfurt Big Data Lab - Goethe University Frankfurt)
- 12:45 **BEYOND SHAPE, TOWARDS IBERIAN CRAFTWORK: APPLYING AN AUTOMATIC CLASSIFICATION MODEL TO IBERIAN POTTERY (SPAIN)**  
Moreno Padilla, María Isabel (Grupo Patrimonio Arqueológico en Jaén - HUM-357; Departamento de Geografía, Historia y Humanidades. Universidad de Almería) - Molinos Molinos, Manuel - Fuertes García, José Manuel - García Fernández, Ángel Luis - Lucena López, Manuel José (Instituto Universitario de Investigación en Arqueología Ibérica de la Universidad de Jaén) - Navarro, Pablo (Instituto Patagónico de Ciencias Sociales y Humanas. Centro Nacional Patagónico, CONICET; Departamento de Informática, Facultad de Ingeniería, Universidad Nacional de la Patagonia) - Segura Sánchez, Rafael (Instituto Universitario de Investigación en Arqueología Ibérica de la Universidad de Jaén)
- 14:30 **DISCUSSION SLOT**

## 282 **SYSTEMIC APPROACHES TO AGRICULTURAL AND LAND USE CHANGE IN PREHISTORIC SOCIETIES. PART 2**

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Antolin, Ferran (Integrative Prehistory and Archaeological Science - IPNA/IPAS, University of Basel; Department of Natural Sciences, German Archaeological Institute) - Whitehouse, Nicki (Archaeology, School of Humanities, University of Glasgow; School of Geography, Earth and Environmental Sciences, Plymouth University)

### ABSTRACTS

- 9:00 **MODELLING HUMAN-ENVIRONMENT INTERACTION PATTERN(S) OF BRONZE AGE COMMUNITIES OF THE ADRIATIC SIDE OF CENTRAL-SOUTHERN ITALY**  
Lucci, Enrico (Department of Antiquities, Sapienza - University of Rome)
- 9:15 **AN INTEGRATIVE MULTIVARIATE APPROACH TO RECONSTRUCT SUBSISTENCE FROM THE BRONZE TO IRON AGE IN THE SOUTHERN AND CENTRAL LEVANT**  
Vermeersch, Shyama (Institute for Archaeological Sciences at University of Tübingen; Collaborative Research Centre 1070 at University of Tübingen) - Riehl, Simone - Starkovich, Britt (Institute for Archaeological Sciences at University of Tübingen; Collaborative Research Centre 1070 at University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment at the University of Tübingen) - Kamlah, Jens (Collaborative Research Centre 1070 at University of Tübingen; Institute of Biblical Archaeology at University of Tübingen)
- 9:30 **AGRICULTURAL DYNAMICS OF IMPERIAL "PAUSES": A CASE STUDY FROM IRON AGE ANATOLIA**  
Marston, John (Boston University) - Çakırlar, Canan (University of Groningen) - Meiggs, David (Rochester Institute of Technology)

- 9:45 **ANTHROPOGENIC LANDSCAPES OF THE LATE BRONZE AGE IN THE SOUTHERN URALS: THE IMPACT OF PASTORALISM ON THE ECOSYSTEM**  
Shcherbakov, Nikolai (Laboratory of method and methodology research, Bashkir State Pedagogical University) - Golyeva, Alexandra (Institute of Geography, Russian Academy of Sciences) - Shuteleva, Iia (Laboratory of method and methodology research, Bashkir State Pedagogical University)
- 10:00 **MOUNTAIN AGRICULTURE IN THE NORTH CAUCASUS: POLLEN SIGNALS IN PEAT PALEOARCHIVES, ARCHAEOLOGICAL DATA AND SIGNS OF SLOPE TERRACING**  
Ryabogina, Natalia (Tyumen Scientific Centre SB RAS; Institute of Physicochemical and Biological Problems of Soil Science RAS) - Yuzhanina, Eleanora (Tyumen Scientific Centre SB RAS) - Troshina, Alla (Institute of Archeology RAS) - Borisov, Aleksandr (Institute of Physicochemical and Biological Problems of Soil Science RAS)
- 10:15 **PRE-HISPANIC URBAN AGRICULTURE ON VOLCANIC ASH SOILS: GEOARCHAEOLOGICAL COMPARISON OF TWO SITES FROM CENTRAL AND WESTERN MEXICO USING LIDAR**  
Dorison, Antoine (CNRS - UMR7041 ArScAn Archaeology and Sciences of the Antiquity, team Environmental Archaeologies) - Elliott, Michelle (CNRS - UMR7041 ArScAn Archaeology and Sciences of the Antiquity, team Environmental Archaeologies; University Paris 1 - Panthéon Sorbonne) - Clayton, Sarah (Department of Anthropology, University of Wisconsin-Madison) - Pereira, Grégory (CNRS - UMR8096 ArchAm Archaeology of the Americas)
- 10:30 **DISCUSSION SLOT**
- 11:00 **UNDERSTANDING COMMUNITIES THROUGH THEIR FARMLAND. CASE STUDIES FROM SOUTHERN ETRURIA (ITALY) BETWEEN FINAL BRONZE AGE AND FIRST IRON AGE**  
Sotgia, Agostino (Sapienza - University of Rome; RUG - University of Groningen)
- 11:15 **MOBILE MANAGEMENT OVER THE LONGUE-DURÉE: ISOTOPIC (<sup>87</sup>SR/<sup>86</sup>SR,  $\delta$ 18O) AND ZOOARCHAEOLOGICAL EVIDENCE FOR HERDING STRATEGIES IN PREHISTORIC AND ROMAN NORTH ITALY**  
Trentacoste, Angela (University of Oxford) - Nieto-Espinet, Ariadna (IMF-CSIC) - Guimarães-Chiarelli, Silvia (IMF-CSIC; CIBIO/InBIO) - Valenzuela-Lamas, Silvia (IMF-CSIC)
- 11:30 **IRON AGE AND ARCHAIC AGRICULTURE IN CENTRAL ITALY: INTEGRATING ARCHAEOBOTANY, ZOOARCHAEOLOGY AND STABLE ISOTOPES ANALYSIS**  
Gaveriaux, Fanny (Department of Earth Sciences, Sapienza University of Rome; Department of Environmental Biology, Sapienza University of Rome) - Motta, Laura (Kelsey Museum of Archaeology, University of Michigan) - Moses, Victoria (University of Arizona, School of Anthropology)
- 11:45 **AGRICULTURAL SYSTEMS, FORMS OF SOCIAL ORGANISATION AND LANDUSE IN THE VALENCIAN COUNTRY BETWEEN THE 6TH AND 1ST MILLENNIA BC**  
Jorda, Guillem (Dept. of Prehistory, Archaeology and Ancient History. University of Valencia) - Gordó, Salvador (Departamento de Geografía e Historia. University of La Laguna)
- 12:00 **NICE RICE, CAN I HAVE IT?: MODELLING PRODUCTIVITY AND SUITABILITY OF RICE FARMING DURING THE YAYOI PERIOD IN JAPAN**  
Brainerd, Leah - Crema, Enrico (University of Cambridge) - Madella, Marco (ICREA - CaSEs, Department of Humanities, Universitat Pompeu Fabra) - Yoshida, Akihiro (Kagoshima University)
- 12:15 **CHANGING FARMING PRACTICES OF A LATE ANTIQUE RIVERSIDE RURAL SETTLEMENT IN THE GREAT HUNGARIAN PLAIN**  
Masek, Zsófia (Institute of Archaeology, Research Centre for the Humanities, Budapest) - Daróczy-Szabó, Márta - Daróczy-Szabó, László (Budapest History Museum) - Kenéz, Árpád (Independent researcher) - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute for Wildlife Management and Nature Conservation) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University)
- 12:30 **DISCUSSION SLOT**

## POSTERS:

- A. **THE VILLAGE AFTER THE CITADEL: THE AGROPASTORAL ECONOMY OF THE MEDIEVAL OCCUPATION OF NIĞDE-KINIK HÖYÜK (CENTRAL ANATOLIA)**  
Castellano, Lorenzo (New York University, Institute for the Study of the Ancient World) - Campana, Douglas (US National Park Service - retired) - Crabtree, Pam (New York University, Department of Anthropology)
- B. **BIOARCHAEOLOGICAL APPROACHES TO FARMING PRACTICES AND PALAEOENVIRONMENT IN THE LATE NEOLITHIC SETTLEMENT OF VINÇA CULTURE FROM ŞOIMUŞ-TELEGHI (HUNEDOARA COUNTY, ROMANIA)**  
Malaxa, Daniel - Stanc, Simina - Danu, Mihaela (Alexandru Ioan Cuza University of Iasi) - Marc, Antoniu (Museum of Dacian and Roman Civilisation, Deva) - Bejenaru, Luminița (Alexandru Ioan Cuza University of Iasi)

## 327 ENGENDERING PUBLIC ARCHAEOLOGY

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Masriera-Esquerra, Clara (Universitat Autònoma de Barcelona - UAB; Universitat de Barcelona - UB) - González-Marcén, Paloma (Universitat Autònoma de Barcelona - UAB) - Díaz-Zorita Bonilla, Marta (Eberhard Karls Universität Tübingen) - Colomer Solsona, Laia (Norsk institutt for kulturminneforskning)



## ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 **FEMINIST PERSPECTIVES IN ACTION: LOOKING FOR GENDER IN PUBLIC ARCHAEOLOGY**  
Gonzalez-Marcen, Paloma (Centre d'Estudis del Patrimoni Arqueologic de la Prehistoria; Universitat Autònoma de Barcelona)
- 9:30 DISCUSSION SLOT
- 9:45 **GENDER ROLES IN ARCHAEOLOGICAL EDUCATIONAL ACTIONS**  
Masriera-Esquerra, Clara (Universitat Autònoma de Barcelona; Universitat de Barcelona) - Cacheda-Pérez, Maria (Universitat Autònoma de Barcelona - UAB)
- 10:00 **ARCHAEOLOGICAL HERITAGE AS TEACHING CONTENT IN PRIMARY EDUCATION. A CASE STUDY BASED ON SOCIAL SCIENCES TEXTBOOKS IN THE CANARY ISLANDS**  
Farrujia de la Rosa, Jose (Universidad de La Laguna)
- 10:15 **GENDER IN PUBLIC ARCHAEOLOGY: FEMININE DISCOURSES IN RURAL LESBOS**  
Beka, Georgia - Galanidou, Nena (UOC)
- 10:30 DISCUSSION SLOT
- 10:45 **ENGENDERING BLACK LIVES MATTER'S REASONS**  
Colomer, Laia (NIKU)
- 11:00 **DISSECTING GENDER FROM BELOW IN SPANISH [PUBLIC] ARCHAEOLOGY**  
Zarzueta, Paloma - Pastor Pérez, Ana (Universitat de Barcelona - UB, Group of Public Archaeology and Heritage)
- 11:15 **CRETAN ARCHAEOLOGY OF THE 1950S AND THE 1960S: AN ENGENDERED ENDEAVOUR**  
Gkazi, Ariadni (University of Crete)
- 11:30 **SEXUAL VIOLENCE IN ANTIQUITY THROUGH ARCHAEOLOGICAL MATERIAL**  
Akkaya, Ecem (-)
- 11:45 DISCUSSION SLOT

## 348 DERIVATIVES OF THEIR MEN? ALTERNATIVES TO THE "WOMAN PROBLEM" IN MORTUARY ARCHAEOLOGY

Time: 14:30 - 18:00 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Stanton, Emily (University of Wisconsin-Milwaukee) - Pope, Rachel (University of Liverpool)



## ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 **WOMAN OF THE HOUSE? FUNERARY DRESS AND FEMININE POWER IN IRON AGE CENTRAL ITALY**  
Prew, George (University of Glasgow)
- 15:00 **WOMEN IN THE MACEDONIAN KINGDOM DURING THE 6TH C. BCE: BOTTOM-UP VS TOP-DOWN VIEWS OF THE FUNERARY EVIDENCE**  
Saripanidi, Vasiliki (Université libre de Bruxelles)
- 15:15 **BRAZEN WOMEN? RECONSIDERING INTERPRETATION OF MALE AND FEMALE ELITE BURIALS (LATE BRONZE AGE- LA TÈNE B, IN NORTH ALPINE COMPLEX)**  
Tremeaud, Caroline (TRAJECTOIRES UMR 8215; Cellule Archéologique des Ardennes)
- 15:30 **DIVERSITY OF MALE IDENTITIES IN EARLY AND MIDDLE LA TÈNE CEMETERIES**  
Ramsl, Peter (University of Vienna, Institute of Prehistory and Historical Archaeology)
- 15:45 **THE ROLE OF WOMEN IN THE AVAR EMPIRE (CA. 568-800 AD): A REVIEW**  
Bühler, Birgit (Vienna Institute for Archaeological Science - VIAS, University of Vienna)
- 16:00 **CHANGING PERSPECTIVES - OVERCOMING ANDROCENTRISM AND THE « WOMAN PROBLEM » IN FRENCH MORTUARY ARCHAEOLOGY OF THE EARLY MIDDLE AGES**  
Clara, Blanchard (Paris I - Arscan)
- 16:15 **THE FICTIONAL ARCHAEOLOGIST: FEMALE EDITION**  
Annis, Karissa (University of Wisconsin-Milwaukee)
- 16:30 DISCUSSION SLOT

## 359 FOOD CULTURES IN ANCIENT SOCIETIES

Time: 9:00 - 17:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Kubiak-Martens, Lucy (Biax Consult, Zaandam) - Kirleis, Wiebke (Kiel University)

## ABSTRACTS

- 9:00 **INTRODUCTION TO THE SESSION 359: FOOD CULTURES IN ANCIENT SOCIETIES**  
Kirleis, Wiebke (Kiel University) - Kubiak-Martens, Lucy (BiaxConsult)
- 9:15 **UNRAVELLING HUNTER-GATHERER FOOD TRADITIONS IN NORTH-EAST EUROPE: RESULTS FROM THE INDUCE PROJECT**  
González Carretero, Lara (The British Museum; Museum of London Archaeology - MOLA) - Courel, Blandine (The British Museum) - Lucquin, Alexandre - Bondetti, Manon - Robson, Harry - Craig, Oliver (University of York) - Heron, Carl (The British Museum)

- 9:30 STABLE ISOTOPIC AND MOLECULAR ANALYSES OF SURFACE AND ABSORBED RESIDUES FROM A YEAR-LONG EXPERIMENT REVEAL MULTIPLE TIMESCALES OF COOKING HISTORY**  
Swift, Jillian (Bishop Museum) - Miller, Melanie (University of Otago; University of California, Berkeley) - Whelton, Helen (University of Bristol) - Hammann, Simon (Friedrich-Alexander University Erlangen-Nürnberg) - Cramp, Lucy - Evershed, Richard (University of Bristol) - Hastorf, Christine (University of California, Berkeley)
- 9:45 LATE BRONZE AGE DIET IN THE EASTERN BALTIC: AN EXPERIMENTAL APPROACH TO THE STUDY OF ORGANIC RESIDUES IN POTTERY**  
Podenas, Vytenis (Lithuanian Institute of History) - Luchtanas, Aleksiejus (Vilnius University) - Šapolaitė, Justina (Center for Physical Sciences and Technology) - Micelicaite, Viktorija (Lithuanian Institute of History) - Butkus, Laurynas - Ežerinskis, Žilvinas - Skipitytė, Raminta - Garbaras, Andrius (Center for Physical Sciences and Technology)
- 10:00 COPROLITES: A RECORD OF FOODS CONSUMED AND THEIR PROCESSING**  
Scott Cummings, Linda (PaleoResearch Institute)
- 10:15 NEOLITHIC DIET AS HIDDEN IN HUMAN COPROLITES FROM THE SWIFTERBANT SITES IN THE NETHERLANDS**  
Kubiak-Martens, Lucy (BIAX Consult, Biological Archaeology & Environmental Reconstruction)
- 10:30 DISCUSSION SLOT**
- 10:45 PLANT PROCESSING IN TIGRAY DURING PRE-AKSUMITE AND AKSUMITE PERIODS (>800 BCE-700 CE): PRELIMINARY RESULTS OF STARCH ANALYSIS FROM GRINDING STONES**  
Ruiz-Giralt, Abel (CaSEs – Complexity and Socioecological Dynamics Research Group. Departament de Humanitats, Universitat Pompeu Fabra) - Nixon-Darcus, Laurie - D'Andrea, Catherine (Department of Archaeology, Simon Fraser University) - Biagetti, Stefano (CaSEs – Complexity and Socioecological Dynamics Research Group. Departament de Humanitats, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Madella, Marco (CaSEs – Complexity and Socioecological Dynamics Research Group. Departament de Humanitats, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand; ICREA) - Lancelotti, Carla (CaSEs – Complexity and Socioecological Dynamics Research Group. Departament de Humanitats, Universitat Pompeu Fabra; ICREA)
- 11:00 DIGGING IN THE SHADOWS. EXPERIMENTAL USE OF TOOLS FOR USO'S GATHERING**  
Lopez-Bulto, Oriol (Autonomous University of Barcelona - UAB) - Berihuete-Azorin, Marian (Institut Català de Paleoeologia Humana i Evolució Social - IPHES)
- 11:15 A CASE STUDY ON PLANT FOOD STORAGE AND SURPLUS MANAGEMENT OF THE FIRST AGRICULTURAL SOCIETIES OF SE EUROPE**  
Marinova, Elena (Landesamt für Denkmalpflege am Regierungspräsidium Stuttgart, Laboratory for Arc) - Takorova, Dessislava (National Institute and Museum of Archaeology, Bulgarian Academy of Sciences) - Demeulenaere, Eline (KU Leuven) - Nikolov, Vassil (National Institute and Museum of Archaeology, Bulgarian Academy of Sciences)
- 11:30 RECOGNIZING FOOD PRACTICES IN THE LATE NEOLITHIC VINČA SETTLEMENTS: THE QUESTION OF SCALE AND SPACE**  
Obradovic, Djurdja - Dimitrijevic, Ivana (Institute of Archaeology, Belgrade)
- 11:45 AN INVESTIGATION OF EARLY BRONZE AGE PLANT FOODS FROM ARCHONDIKO GIANNITSON, NORTHERN GREECE**  
Petridou, Chryssi - Valamoti, Soutana Maria (Lira Laboratory, Department of Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki; Center for Interdisciplinary Research and Innovation - CIRI-AUTH, Aristotle University of Thessaloniki)
- 12:00 DISCUSSION SLOT**
- 12:15 DELICACIES FOR THE KAMI: SACRED FOODS IN JAPANESE PROTOHISTORY**  
Fernández, Irene Minerva (-)
- 12:30 DIETARY PRACTICES IN ITALY: A DIACHRONIC RECONSTRUCTION FROM THE NEOLITHIC TO THE BRONZE AGE**  
Cortese, Francesca (Prehistoric Archaeology Laboratory. University of Rome Tor Vergata) - Achino, Katia (Prehistoric Archaeology Laboratory. University of Rome Tor Vergata; Quantitative Archaeology Lab, Department of Prehistory, Autonomous University of Barcelona; Institute of Archaeology ZRC SAZU) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Gatta, Maurizio (Prehistoric Archaeology Laboratory. University of Rome Tor Vergata, Italy; University of York, Department of Archaeology) - Scorrano, Gabriele (Lundbeck Foundation GeoGenetics Centre, GLOBE Institute, University of Copenhagen; Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Silvestri, Letizia (Prehistoric Archaeology Laboratory. University of Rome Tor Vergata; Durham University, Department of Archaeology; Sovrintendenza Capitolina ai Beni Culturali) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Prehistoric Archaeology Laboratory. University of Rome Tor Vergata)
- 12:45 PLANT AND ANIMAL CONSUMPTION IN NORTHWEST IRAN DURING THE BRONZE AGE: AN INSIGHT FROM ALIABAD TEPE AND QALEH SARDAR BUKAN**  
Douché, Carolyne - Decaix, Alexia - Decruyenaere, Delphine (Muséum national d'Histoire naturelle, AASPE) - Fathi, Homa - Davoudi, Hossein (University of Tehran) - Berthon, Rémi - Tengberg, Margareta (Muséum national d'Histoire naturelle, AASPE) - Djamali, Morteza (Institut Méditerranéen de Biodiversité et d'Ecologie, IMBE) - Hassanzadeh, Yousef (National Museum of Iran) - Mashkour, Marjan (Muséum national d'Histoire naturelle, AASPE)
- 14:30 FOOD PRODUCTION, LANDSCAPE-USE AND THE DIVINE AT THE BRONZE AGE HILLFORT HÜNENBURG NEAR WATENSTEDT, LKR. HELMSTEDT (1200-650 BC)**  
Uhlig, Tobias - Heske, Immo (Georg-August-Universität Göttingen) - Grefen-Peters, Silke (Braunschweig)
- 14:45 AN INTEGRATED PERSPECTIVE ON FOOD IN THE BRONZE AND IRON AGE IN THE NETHERLANDS**  
van Dijk, Joyce (Archeoplan Eco) - Theunissen, Liesbeth (Cultural Heritage Agency)
- 15:00 COOKING DEER IN THE 2ND C. BC ON THE SOUTH-WESTERN BLACK SEA COAST: PRELIMINARY RESULTS OF THE MALKOTO KALE PROJECT**  
Morand, Nicolas (Post-doc Fyssen foundation, Royal Belgian Institute of Natural Sciences) - Bastide, Mague-lone (UMR 7041-ArScAn - Université Paris Nanterre) - Bogdanova, Teodora (Municipal cultural Centre, "Museum Centre - Sozopol") - Baralis, Alexandre (Musée du Louvre, Department of Greek, Etruscan and Roman Antiquities) - Nedev, Dimitar (Municipal cultural Centre, "Museum Centre - Sozopol")
- 15:15 SOCIAL ARCHAEOLOGY OF FOOD IN EARLY MEDIEVAL RURAL IBERIA (5TH-9TH C. CE)**  
García-Collado, Maite (University of the Basque Country - UPV/EHU; University of York)
- 15:30 DISCUSSION SLOT**
- 15:45 FOOD CULTURES IN COLONIAL SETTINGS**  
Orendi, Andrea (ArchaeoConnect GmbH, Department of Archaeological Sciences, Archaeobotany Laboratory) - Tal, Oren (Department of Archaeology and Ancient Near Eastern Cultures, Tel Aviv University) - Lichtenberger, Achim (Institut für Klassische Archäologie und Christliche Archäologie/Archäologisches Museum, University of Münster)
- 16:00 INVESTIGATING BIRTH DISTRIBUTION, LAMBING SEASONS AND LAMB MEAT CONSUMPTION IN MEDIEVAL PROVENCE FROM A ZOOARCHAEOLOGICAL, HISTORICAL AND ISOTOPIC PERSPECTIVE**  
Unsain, Dianne (Centre Camille Jullian, A\*MIDEX, Aix Marseille Univ, CNRS, CCJ; LA3M, Aix Marseille Univ, CNRS) - Knockaert, Juliette (Department of Archaeology, University of York) - Burri, Sylvain (TRACES CNRS-Université Toulouse Jean Jaurès) - Magniez, Pierre (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA) - Mocchi, Florence (Centre Camille Jullian, Aix Marseille Univ, CNRS, CCJ) - Walsh, Kevin (Department of Archaeology, University of York)
- 16:15 BUILDING PRODUCTION AND COMMERCIAL STRATEGIES: THE CASE OF THE GREAT AND SMALL PROVENÇAL ELITE (10TH - 12TH CENTURIES)**  
Unsain, Dianne (Centre Camille Jullian, A\*MIDEX, Aix Marseille Univ, CNRS, CCJ; LA3M, Aix Marseille Univ, CNRS) - Mouton, Daniel (LA3M, Aix Marseille Univ, CNRS) - Varano, Mariacristina (Université de Rouen, GRHis)

16:30 CULINARY TRADITIONS BEYOND INGREDIENTS: IDENTIFYING CERAMIC VESSELS USED IN COOKING PRACTICES OF THE SOUTH-CENTRAL ANDES  
Scaro, Agustina - Musaubach, María (Institute of Andean Ecorregions - CONICET-UNJu)

16:45 DISCUSSION SLOT

#### POSTERS:

- A. CEREALS VS PULSES. WHICH IS MORE RESISTANT TO HIGH TEMPERATURES? DIFFERENTIAL CARBONISATION AND ARCHAEOBOTANICAL IMPLICATIONS  
Tarongi, Miguel - Alonso, Natàlia (Universitat de Lleida)
- B. ARCHAEOLOGICAL RESEARCH ON FISH EATING IN THE YAYOI PERIOD IN JAPAN  
Shiroishi, Tetsuya (Yamagata University)
- C. DENTAL MACROWEAR VARIATIONS IN CHALCOLITHIC AND BRONZE AGE POPULATIONS FROM NORTH-EASTERN ROMANIA  
Petru, Ozana-Maria ("Alexandru Ioan Cuza" University of Iași, Faculty of Biology; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Groza, Vasilica-Monica - Popovici, Mariana (Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Bejenaru, Luminița ("Alexandru Ioan Cuza" University of Iași, Faculty of Biology; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research)
- D. ENAMEL HYPOPLASIA AS MARKER OF NUTRITIONAL STATUS IN A LATE BRONZE AGE SAMPLE OF HUMAN REMAINS FROM TRUȘEȘTI (ROMANIA)  
Groza, Vasilica-Monica - Popovici, Mariana (Romanian Academy - Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Petru, Ozana-Maria (Romanian Academy - Iași Branch, "Olga Necrasov" Center of Anthropological Research; "Alexandru Ioan Cuza" University of Iași, Faculty of Biology) - Bejenaru, Luminița (Romanian Academy - Iași Branch, "Olga Necrasov" Center of Anthropological Research; "Alexandru Ioan Cuza" University of Iași, Faculty of Biology)

### 381 CHILDREN OF THE BRONZE AGE: CONNECTING EUROPE FROM THE TIME OF BELL BEAKERS TO THE URNFIELD PERIOD

Time: 9:00 - 12:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Herrero-Corral, Ana (Universidad Complutense de Madrid, Spain) - Guba, Szilvia (Ferenc Kubinyi Museum)

#### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 BELL BEAKER CHILDREN: CONNECTIONS AND SOCIAL COMPLEXITY IN A TIME OF PROFOUND CHANGES ACROSS WESTERN EUROPE  
Herrero-Corral, Ana (Universidad Complutense de Madrid)
- 9:30 BORN AS PRIVILEGED? CHILDREN FROM THE EARLY BRONZE AGE CEMETERIES IN KOLÍN AND MIKULOVICE (BOHEMIA)  
Langova, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Vélková, Lucie (National museum, Prague) - Šumberová, Radka - Brzobohatá, Hana - Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences, Prague)
- 9:45 SOCIAL ROLE OF CHILDREN DURING THE EARLY AND MIDDLE BRONZE AGE IN WESTERN HUNGARY  
Melis, Eszter (Institute of Archaeology, Research Centre for the Humanities, ELKH; Castle Headquarters Integrated Regional Development Centre Ltd.)
- 10:00 DISCUSSION SLOT

10:15 CHILD BURIALS IN MYCENAEAN CHAMBER TOMBS FROM GLYKA NERA, ATTICA  
Vrettou, Irene (Greek Ministry of Culture and Sports)

10:30 KIDS FIRST! AGE-RELATED DIVISIONS OF CREMATIONS IN NORTHERN GERMANY DURING THE URNFIELD PERIOD  
Schaefer-Di Maida, Stefanie (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Storch, Susanne (abp Anthropologie Berlin)

10:45 THE IMPORTANCE OF NONADULTS IN LATE BRONZE AGE BELGIUM - A MULTI-PROXY APPROACH  
Sabaux, Charlotte (Ghent University; Université libre de Bruxelles) - Veselka, Barbara - Snoeck, Christophe (Vrije Universiteit Brussel) - Capuzzo, Giacomo (Université libre de Bruxelles) - Sengeløv, Amanda (Université libre de Bruxelles; Ghent University) - Hlad, Marta (Vrije Universiteit Brussel; Université libre de Bruxelles) - Warmenbol, Eugène (Université libre de Bruxelles) - Stamataki, Elisavet (Vrije Universiteit Brussel; Université libre de Bruxelles) - Vercauteren, Martine (Université libre de Bruxelles) - De Mulder, Guy (Ghent University)

11:00 CHILDHOOD IN PROTOHISTORY IN THE SOUTHERN CARPATHIAN BASIN: EXAMPLES FROM THE URNFIELD PERIOD  
Ložnjak Dizdar, Daria (Institute of Archaeology, Zagreb) - Rajić Šikanjić, Petra (Institute for Anthropological Research, Zagreb)

11:15 BABIES IN FLAMES - CREMATION AS A SOCIAL ACT?  
Guba, Szilvia (Ferenc Kubinyi Museum) - Köhler, Kitty (HAS)

11:30 DISCUSSION SLOT

#### POSTERS:

- A. FORGOTTEN BABIES? THE YOUNGEST CHILDREN IN THE EARLY BRONZE AGE IN CENTRAL EUROPE  
Hladikova, Katarina (Comenius University, Faculty of Arts, Bratislava) - Vélková, Lucie (National museum in Prague) - Daňová, Klaudia (Institute of Archaeology SAS Nitra)
- B. AN INFANT BRONZE AGE FUNERARY CONTEXT FROM EL PENDO CAVE (CANTABRIAN SPAIN): THE ROLE OF CHILDREN IN RITUAL SPACES  
Camarós, Edgard (McDonald Institute for Archaeological Research - University of Cambridge) - Cueto, Marián - Higuero-Pliengo, Antonio (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIIPC. Universidad de Cantabria) - Martín-Seijo, María (Departamento de Ciencias Históricas. Universidad de Cantabria) - Cubas, Miriam (Departamento de Historia y Filosofía. Universidad de Alcalá; Sociedad de Ciencias Aranzadi) - Teira, Luis (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIIPC. Universidad de Cantabria) - Ruiz-Cabanzón, Alba (Universidad de Cantabria) - Arias, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIIPC. Universidad de Cantabria)

### 389 FROM COAST TO COAST - CURRENT ARCHAEOLOGICAL RESEARCH ON CULTURAL EXCHANGE ALONG AND ACROSS THE BALTIC SEA

Time: 9:00 - 16:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Jahn, Christoph (Center for Baltic and Scandinavian Archaeology Schleswig) - Cieśliński, Adam - Wadył, Sławomir (University of Warsaw) - Shiroukhov, Roman - Sirkin, Annika (Center for Baltic and Scandinavian Archaeology Schleswig)

#### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 PRUSSIA MUSEUM DIGITAL. A NEW RESOURCE FOR RESEARCH ON ARCHAEOLOGY IN FORMER EAST PRUSSIA  
Eilbracht, Heidemarie (Museum für Vor- und Frühgeschichte Berlin)



- 9:30 **BORNHOLM - THE ISLAND IN THE MIDDLE. SOCIETIES, CONTACTS AND ALLIANCE SYSTEMS ON THE THRESHOLD OF HISTORY**  
Trolle, Tine (National Museum of Denmark)
- 9:45 **DISCUSSION SLOT**
- 10:00 **TRACES OF A MIGRATION FROM SCANDINAVIA? THE ROMAN PERIOD CEMETERIES WITH STONE CIRCLES ON THE SOUTHERN BALTIC COASTLAND**  
Cieslinski, Adam (University of Warsaw / Faculty of Archaeology)
- 10:15 **“STONES AND CIRCLES”: TO THE STUDY OF THE BURIAL RITE OF THE SOUTHEASTERN BALTIC IN THE 1ST CENTURY AD**  
Khomiakova, Olga (Institute of Archaeology of RAS, Moscow) - Skhodnov, Ivan (NIC Pribaltijskaja Archaeologia, Kaliningrad) - Kleshchenko, Ekaterina (Institute of Archaeology of RAS, Moscow)
- 10:30 **AMBER FINDS FROM 1ST-7TH CENT. AD IN NORTHERN EUROPE – NEW STUDIES ON DISTRIBUTION AND USE OF A SPECIAL MATERIAL**
- 10:45 **DISCUSSION SLOT**  
Offermann, Karl Johann (Center for Baltic and Scandinavian Archaeology Schleswig)
- 11:00 **GLASS BEADS OF LATE ROMAN PERIOD FROM WEST LITHUANIA AS INDICATORS OF COMMUNICATION ACROSS THE BALTIC SEA**  
Banytė Rovell, Rasa (Lithuanian Institute of History, Vilnius)
- 11:15 **“GOTLANDIC” IMITATIONS OF LATE ROMAN SOLIDI – LOCAL CUSTOM OR BROADER PHENOMENON?**  
Zapolska, Anna (Faculty of Archaeology, University of Warsaw)
- 11:30 **GOLD LADY AND TROLLS. THE ARCHAEOLOGICAL SITE AT SMØRENGE ON BORNHOLM AS INSIGHT INTO INTERREGIONAL CONTACTS IN THE BALTIC REGION**  
Czonstke, Karolina (University of Gdańsk; Archaeological Museum in Gdańsk) - Świątkowski, Bartosz (University of Gdańsk)
- 11:45 **DISCUSSION SLOT**
- 12:00 **LANDSCAPE OF THE GODS – A PROJECT ABOUT SACRAL TOPOGRAPHY AND RELIGIOUS NETWORKS OF IRON AGE BORNHOLM**  
Albris, Sofie Laurine (National Museum of Denmark)
- 12:15 **THE ANTHROPOMORPHIC FIGURINE’S HEAD FROM HAITHABU - A VIKING AGE GAMING PIECE?**  
Andersen, Anna-Theres (Institute for Prehistoric and Historic Archaeology, Kiel University)
- 12:30 **FROM SCANDINAVIA THROUGH THE PIAST ROYAL COURT TO POMERANIA. AN AMAZING STORY OF MEN BURIED IN CHAMBER GRAVES IN CIEPŁE**  
Wadył, Sławomir (Faculty of Archaeology, University of Warsaw)
- 12:45 **DISCUSSION SLOT**
- 14:30 **CROSSING WATERS – THE SCANDINAVIAN INFLUENCE ON THE VIKING AGE CEMETERIES OF WISKIAUTEN AND LINKUHNEN AT THE CURONIAN LAGOON**  
Jahn, Christoph (Center for Baltic and Scandinavian Archaeology Schleswig)
- 14:45 **THE MISSING TRADING PORT OF WISKIAUTEN/MOKHOVOYE ON THE SAMBIA PENINSULA – A FINAL ASSESSMENT ON THE ARCHAEOLOGICAL INVESTIGATIONS 2005–2011**  
Sirkin, Annika (Centre for Baltic and Scandinavian Archaeology, Schleswig)
- 15:00 **DISCUSSION SLOT**
- 15:15 **FROM THE BALTIC TO THE BLACK SEA. IN SEARCH OF THE ORIGIN OF OSTRIV CEMETERY MIGRANTS (UKRAINE)**  
Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Baranov, Vyacheslav - Ivakin, Vsevolod - Kozak, Oleksandra (Institute of Archaeology National academy of science of Ukraine)

- 15:30 **YATVINGIAN ‘VALLEY OF THE KINGS’ AT THE SZCZEBERKA RIVER**  
Nowakiewicz, Tomasz - Rembecki, Dawid - Lewoc, Iwona (University of Warsaw) - Miłek, Sławomir (Ab Terra Foundation)
- 15:45 **SOMETHING OLD AND SOMETHING BORROWED: DRESS IN NORTH-ESTONIA IN THE TURN OF THE 12TH-13TH CENTURIES**  
Rammo, Riina (Department of Archaeology, University of Tartu)
- 16:00 **DISCUSSION SLOT**

## **394 WHO WERE THE FIRST POTTERS? CURRENT RESEARCH IN EARLY POTTERY PRODUCTION IN WESTERN EURASIA. PART 1**

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Spataro, Michela (The British Museum) - Dolbunova, Ekaterina (The State Hermitage Museum) - Mylnikova, Liudmila (Siberian Branch Institute of Archaeology and Ethnography of the Russian Academy of Sciences)

### **ABSTRACTS**

- 9:00 **EMERGENCE OF POTTERY IN THE NENJIANG RIVER BASIN (NORTHEAST CHINA) DURING THE EARLY NEOLITHIC: UNDERSTANDING TECHNIQUE THROUGH THIN-SECTION ANALYSIS**  
Duval, Pauline (Ecole Pratique des Hautes Etudes - EPHE; Jilin University, School of Archaeology) - Keute, Jennifer (Oxford University, School of Archaeology) - Sebillaud, Pauline (CNRS-CRCAO UMR8155; Heilongjiang University) - Wang, Lixin (Jilin University, School of Archaeology)
- 9:15 **EMERGENCE OF POTTERY IN THE NENJIANG RIVER BASIN (NORTHEAST CHINA) DURING THE EARLY NEOLITHIC: UNDERSTANDING THEIR USE THROUGH RESIDUES**  
Keute, Jennifer (School of Archaeology, University of Oxford; Research Laboratory for Archaeology and the History of Art) - Duval, Pauline (Ecole Pratique des Hautes Etudes - EPHE; Jilin University, School of Archaeology) - Sebillaud, Pauline (CNRS-CRCAO UMR8155; Heilongjiang University) - Wang, Lixin (Jilin University, School of Archaeology) - Deviése, Thibaut (School of Archaeology, University of Oxford; Research Laboratory for Archaeology and the History of Art) - Hein, Anke (School of Archaeology, University of Oxford)
- 9:30 **EARLIEST POTS: SHAPES VARIABILITY (EAST ASIA AS A CASE STUDY)**  
Zhushchikhovskaya, Irina (Institute of History, Archaeology & Ethnography of Peoples of Far East FEBRAS)
- 9:45 **DISCUSSION SLOT**
- 10:00 **EARLY POTTERY IN WESTERN SIBERIA: CHRONOLOGICAL AND TYPOLOGICAL ASPECTS**  
Dubovtseva, Ekaterina (Institute of History and Archeology of the Ural Branch of the Russian Academy of Sciences - IIAA UB RAS) - Piezonka, Henny (Institute of Pre- and Protohistorical Archaeology, Christian Albrecht University Kiel) - Klementieva, Tatyana (Institute of History and Archeology of the Ural Branch of the Russian Academy of Sciences - IIAA UB RAS)
- 10:15 **TECHNOLOGICAL CHARACTERISTICS OF THE EARLY NEOLITHIC CERAMICS IN VOLGA-KAMA**  
Vybornov, Alexander - Vasilieva, Irina (Samara State University of Social Sciences and Education)
- 10:30 **THE FIRST POTTERS OF EASTERN EUROPE: TECHNOLOGICAL TRADITIONS AND CULTURAL CHOICES**  
Dolbunova, Ekaterina (The State Hermitage museum) - Kulkova, Marianna (Herzen State Pedagogical University of Russia) - Mazurkevich, Andrey (The State Hermitage museum)
- 10:45 **DISCUSSION SLOT**
- 11:00 **THE EARLIEST POTTERY ON THE TERRITORY OF SOUTH-EAST BELARUS: MAIN FEATURES AND WAYS OF PENETRATION**  
Tkachova, Maryia (Institute of History NAS of Belarus)

- 11:15 FROM THE MOMENT OF CREATION TO THE FUNERAL RITE - CERAMICS FROM NEOLITHIC CEMETERIES ON THE MIDDLE AND LOW DNIEPER  
Andriiovych, Marta (Institut für Archäologische Wissenschaften)
- 11:30 POTTERY IN THE ERTEBOELLE CULTURE – ORIGINS, PRODUCTION AND IMPACT ON MESOLITHIC DAILY AND SOCIAL LIFE  
Meyer, Ann-Katrin (University of Hamburg)
- 11:45 DISCUSSION SLOT
- 12:00 KNOWLEDGE TRANSFER IN NEOLITHIC CERAMICS OF THE BALKANS AND EUROPEAN RUSSIA – A PATTERN  
Spataro, Michela (British Museum) - Vybournov, Alexander (Samara State University of Social Sciences and Education) - Bacvarov, Krum (National Institute of Archaeology & Museum of the Bulgarian Academy of Sciences, Sofia)
- 12:15 EARLY NEOLITHIC POTTERY AND POTTERS IN THE EASTERN BALKANS: EXPLORING THE BEGINNINGS  
Dzhanfezova, Tanya (University of Oxford)
- 12:30 EARLY POTTERS IN GREECE: THE CASE OF MAVROPIGI-FILLOTSAIRI  
Bonga, Lily (unaffiliated)
- 12:45 DISCUSSION SLOT

#### 411 A COMMUNITY OF ANCESTORS: THE URNFIELD PHENOMENON IN NORTHERN EUROPE

Time: 16:30 - 18:30 CEST, 10 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Rose, Helene (Centre for Baltic and Scandinavian Archaeology) - Christensen, Lisbeth (Department of Archaeology, Museum of Southern Jutland) - Møller, Niels (Museum Thy) - De Mulder, Guy (Department of Archaeology, Ghent University) - Louwen, Arjan (Faculty of Archaeology, Leiden University)

##### ABSTRACTS

- 16:30 LATE BRONZE AGE URNFIELDS IN BELGIUM : A CROSSROADS OF FUNERARY TRADITIONS  
De Mulder, Guy (Ghent University)
- 16:45 THE CEREMONIAL WAGON AND URNFIELD IDEOLOGY – AN EXPORT HIT?  
Pankau, Claudia (Goethe-Universität Frankfurt, Abt. III Vor- und Frühgeschichte)
- 17:00 BREAKING AND MAKING THE ANCESTORS  
Louwen, Arjan (Leiden University, Faculty of Archaeology)
- 17:15 THE OCCURENCE OF THE URNFIELD-PHENOMENON AT THE CEMETERY OF MANG DE BARGEN, SCHLESWIG-HOLSTEIN (NORTHERN GERMANY)  
Schaefer-Di Maida, Stefanie (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Kneisel, Jutta (Johanna Mestorf Academy Kiel)
- 17:30 DANISH IRON AGE URNFIELDS - A COMMUNITY OF ANCESTORS  
Møller, Niels (Museum Thy)
- 17:45 INVESTIGATING URNFIELD ARTEFACT ASSEMBLAGES WITHIN A BAYESIAN CHRONOLOGICAL FRAMEWORK  
Rose, Helene (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266 Scales of Transformation)
- 18:00 LATE BRONZE AGE MOBILITY AND INTERACTION AT SIMRIS II (SCANIA, SOUTHERN SWEDEN)  
Sabatini, Serena (University of Gothenburg) - Ladegaard-Pedersen, Pernille (National Museum of Denmark) - Kristiansen, Kristian (University of Gothenburg; Globe Institute, GeoGenetics Centre, Denmark) - Frei, Karin (National Museum of Denmark)
- 18:15 DISCUSSION SLOT

#### 417 CONNECTIVITY IN LATER PREHISTORIC EUROPE: MOBILITY, TRADE AND INTERACTION FROM THE 2ND MILLENNIUM BCE TO THE 1ST MILLENNIUM AD

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Gorgues, Alexis (University Bordeaux Montaigne) - Büster, Lindsey (Department of Archaeology) - Crešnar, Matija (University of Ljubljana) - Melheim, Lene (University of Oslo; Museum of Cultural History) - Poigt, Thibaud (UMR 5607 Ausonius - Bordeaux; UMR 5608 Traces - Toulouse)

##### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 THE "MOVING LANDSCAPE" OF THE AEGEAN LATE BRONZE AGE IN THE ARGOLID, GREECE  
Brysbaert, Ann (Leiden University, Faculty of Archaeology)
- 9:30 THE HOARD FINDS OF THE LATE BRONZE AGE OF CYPRUS IN THEIR EASTERN MEDITERRANEAN CONTEXT  
Bartelheim, Martin (Universität Tübingen) - Kızılduman, Bülent (Eastern Mediterranean University) - Müller, Uwe (Universität Tübingen)
- 9:45 THE ORIGINS OF METAL: STRATEGIES FOR SOURCING SUPPLIES AND CONNECTIVITY IN THE BALEARIC ISLANDS DURING THE BRONZE AGE  
Perelló Mateo, Laura - Lluï Estarellas, Bartomeu - Calvo Trias, Manuel (University of Balearic Islands)
- 10:00 METAL EXCHANGE AND CONNECTIVITY: EVIDENCE FROM NEW MULTIDISCIPLINARY RESEARCH  
Melheim, Lene (Museum of Cultural History University of Oslo) - Ling, Johan (University of Gothenburg) - Grandin, Lena (Arkeologerna, Statens Historiska Museum) - Hjärthner-Holdar, Eva (Independent researcher)
- 10:15 ISOTOPIC AND GENETIC EXPLORATIONS OF CROSS-CHANNEL CONNECTIVITY IN BRONZE AGE AND IRON AGE KENT  
Bleasdale, Madeleine - Fischer, Claire-Elise - Büster, Lindsey (University of York) - Evans, Jane (National Environmental Isotope Facility, British Geological Survey) - McKinley, Jacqueline (Wessex Archaeology) - Reich, David (Department of Genetics, Harvard Medical School) - Armit, Ian (University of York)
- 10:30 DISCUSSION SLOT
- 10:45 PERFORMING ENCOUNTER: THE INSTITUTIONS OF CONNECTIVITY IN BRONZE AND IRON AGE EUROPE  
Gorgues, Alexis (University of Bordeaux Montaigne)
- 11:00 WIDESPREAD ELEMENTS OF SOLAR SYMBOLISM FROM THE LATE BRONZE AND EARLY IRON AGE. TRACING CONNECTIONS BETWEEN SOUTHERNSCANDINAVIA AND THE CIRCUM-ALPINE AREA  
Wirth, Stefan (Université de Bourgogne)
- 11:15 PEOPLE ON THE MOVE: EARLY IRON AGE ENCOUNTERS ACROSS THE ALPS  
Moetsch, Angela (Max Planck Institute for the Science of Human History; Max Planck Institute for Evolutionary Anthropology)
- 11:30 ANATOMY OF AN EARLY IRON AGE GRYPHON  
Czifra, Szabolcs - Kreiter, Attila - Viktorik, Orsolya (Hungarian National Museum - Magyar Nemzeti Múzeum)
- 11:45 MEETING AROUND THE CAULDRON: CONNECTIONS BETWEEN SCANDINAVIA AND CONTINENTAL EUROPE DURING MID-FIRST MILLENNIUM BC EXPLORED THROUGH THE HASSLE HOARD, SWEDEN  
Sörman, Anna (Stockholm University) - Ojala, Karin (Stockholm University; Uppsala University)
- 12:00 RITUAL MOBILITY, NETWORKS AND INTERACTION IN IBERIAN IRON AGE SANCTUARIES (3RD-1ST CENTS. BC)  
Grau, Ignacio (Institute of Archaeology and Historical Heritage, University of Alicante)
- 12:15 MAPPING MIDGARD. RECONSTRUCTING MENTAL GEOGRAPHIES OF VIKING AGE SEAFARERS  
Jarrett, Greer (Lund University)
- 12:30 DISCUSSION SLOT

## 443 RE-IMAGINING HOW WE CREATE AND DEVELOP ARCHAEOLOGISTS IN A POST-COVID WORLD

Time: 16:30 - 18:30 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Round tableco-organisers to be provided)

Organisers: Geary, Kate (Chartered Institute for Archaeologists) - Jones, Cara (Chartered Institute for Archaeologists) - Karl, Raimund (University of Vienna)

Session related to the EAA Community on the Teaching and Training of Archaeologists.



### ABSTRACTS

Round table of the community on the teaching and training of archaeologists.

The training and skill development of archaeologists is traditionally delivered in tried and tested ways, usually starting at university. In 2020, as the profession, like the rest of the world, tumbled into safe-COVID working practice, much of these training opportunities were either disrupted, adapted or cancelled.

2020 has seen our sector change. Like any large world-wide event, the COVID-19 pandemic has shifted our working practice and brought into sharp focus our working methodologies. Never more so than how we develop, train and upskill archaeologists. We ask if this could be a watershed moment with how we deliver this? Is this an opportunity for our profession to reflect and look for innovative solutions or working practices throughout Europe and beyond and consider how they could be adapted for our own training frameworks.

We are keen to hear from a range of organisations and practitioners (at all stages of their careers) who have considered these questions and either aspire to or have created new training mechanisms. We are also keen to hear about the adaptation of the delivery of skills and training in 2020 to minimise disruption or who have identified innovative ways to deliver training opportunities that the sector could potentially continue utilising once this immediate crisis has passed.

Ultimately, we ask if we were starting from scratch, what would be our ideal mechanisms for creating and developing archaeologists?

## 453 MULTIDISCIPLINARY APPROACHES TO ENVIRONMENTAL AND HUMAN FINGERPRINTS OF THE ROMAN PERIOD

Time: 9:00 - 16:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Silva-Sánchez, Noemí (Instituto de Ciencias del Patrimonio - Incipit. CSIC; EcoPast Research Group - GI-1553, Universidade de Santiago de Compostela) - López-Costas, Olalla (EcoPast Research Group - GI-1553, Area of Archaeology, Dpto of History, Universidade de Santiago de Compostela) - Jones, Samantha (School of Geosciences, University of Aberdeen) - López Barja de Quiroga, Pedro (Síncrisis Research Group - GI-1919, Univ. of Santiago de Compostela) - Mighall, Tim (School of Geosciences, University of Aberdeen)

### ABSTRACTS

9:00 INTRODUCTION

9:15 PRELIMINARY RESULTS ON THE ARCHAEOBOTANICAL ANALYSIS OF PLANT MACROREMAINS FROM THE ROMAN AGE PERIOD  
Apiar, Jana (Institute of Archaeology of the CAS, Brno, v.v.i.)

9:30 ECONOMIC,-SOCIAL-AND-ENVIRONMENTAL-IMPACTS-CAUSED-BY-THE-RISE-AND-SUBSEQUENT-ABANDONMENT-OF-ELITE-NODES-OF-POWER-AFTER-ROMAN-WITHDRAWAL-FROM-BRITAIN: A-CASE-

STUDY-FROM-A-PICTISH-ELITE-CENTRE-IN-NORTHEASTERN-SCOTLAND-BETWEEN-THE-4TH-6TH CENTURIES-AD

Jones, Samantha - Evans, Nick (University of Aberdeen) - Martínez Cortizas, Antonio (Universidad de Compostela) - Mighall, Tim - Noble, Gordon (University of Aberdeen)

9:45 DIVERSIFYING NARRATIVES. AGRICULTURAL CHANGE AND RESILIENCE AMONG IRON AGE SOCIETIES IN THEIR INTEGRATION INTO THE ROMAN STATE

Teira-Brión, Andrés (Universidade de Vigo)

10:00 LANDSCAPE-SCALE INDIRECT HYDROLOGICAL TRANSFORMATIONS DURING ROMAN TIMES

Silva-Sánchez, Noemí (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - López-Merino, Lourdes (Universidad Complutense de Madrid, Facultad de Farmacia, Unidad de Botánica, ENVIROVEG - grupo UCM 910164) - Martínez Cortizas, Antonio (Universidade de Santiago de Compostela, Facultade de Biología, EcoPast - GI-1553)

10:15 DISCREPANCIES IN THE RECONSTRUCTION OF ROMAN RIVER LANDSCAPES : FISH, BOATS AND WHAT WE CAN DO WITH THE LEGAL TEXTS

Ronin, Marguerite (CNRS)

10:30 ENVIRONMENTAL CHANGE IN MAURETANIA TINGITANA

López-Costas, Olalla (EcoPast - GI-1553, Archaeology Fac. de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Universidad de Granada) - Martínez Cortizas, Antonio (EcoPast - GI-1553, Facultade de Biología, Universidade de Santiago de Compostela) - Iriarte, Eneko (Laboratorio de Evolución Humana, Universidad de Burgos) - García-López, Zaira (EcoPast - GI-1553, Facultade de Biología, Universidade de Santiago de Compostela) - Peña Chorrocarro, Leonor (Instituto de Historia, Centro de Ciencias Humanas y Sociales, CSIC) - López Merino, Lourdes (ENVIROVEG, grupo UCM 910164, Unidad de Botánica, Facultad de Farmacia, Universidad Complutense de Madrid)

10:45 BEYOND NEMAUSUS: THE EXTENSIVE ENVIRONMENTAL PRINT OF THE ROMAN CITY THROUGH THE INVESTIGATION OF A PALAEO-CHANNEL

Save, Sabrina (Amélie SARL) - Flaux, Clément - Scrinzi, Maxime (Mosaïques Archéologie)

11:00 DISCUSSION SLOT

11:30 THE TRANSFORMATION OF ROMAN COLONIAL LANDSCAPES (TARRACO, ILIC) FROM THE EARLY TO THE LATE EMPIRE: ARCHEOLOGICAL AND GEOARCHAEOLOGICAL DATA

Vila, Oriol (Universitat Autònoma de Barcelona)

11:45 A GEOCHEMICAL APPROACH TO SOILS FROM POST-ROMAN BURIALS (A LANZADA, NW SPAIN)

García-López, Zaira - Martínez Cortizas, Antonio (EcoPast - GI-1553, Facultade de Biología, Universidade de Santiago de Compostela) - López-Costas, Olalla (EcoPast - GI-1553, Archaeology, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Departamento de Medicina Legal, Toxicología y Antropología Física, Facultad de Medicina, Universidad de Granada)

12:00 THE HISPANIA PALEODIET: A REVIEW OF ISOTOPIC STUDIES ON HUMAN REMAINS FROM THE 1ST TO THE 8TH CENTURIES AD

García-Moreno, Carlos - Martínez-Cortizas, Antonio (EcoPast - GI-1553, Faculty of Biology, University of Santiago de Compostela) - López-Costas, Olalla (EcoPast - GI-1553, Archaeology, Faculty of Geography and History, University of Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Physical Anthropology Laboratory)

12:15 WOMEN AND CHILDREN IN ROMAN THESSALONIKI: AN INVESTIGATION OF BREASTFEEDING AND WEANING THROUGH  $\delta^{13}C$  AND  $\delta^{15}N$  INCREMENTAL ANALYSIS

Ganiatsou, Elissavet - Vika, Efrossini - Georgiadou, Aggeliki (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Protosalti, Tania (Ephorate of Antiquities of Thessaloniki City, Ministry of Culture and Sports) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

12:30 DISCUSSION SLOT

- 14:30 **INSULA EXHAUSTA SILVARUM? HISTORICAL AND (GEO)ARCHAEOLOGICAL SOURCES ALLOW DOUBTING THE NARRATIVE OF THE DEFORESTATION OF ELBA ISLAND IN ROMAN TIMES**  
Becker, Fabian (Freie Universität Berlin / Physical Geography) - Eser, Raphael A. (Humboldt Universität zu Berlin / Classical Archaeology) - Schütt, Brigitta (Freie Universität Berlin / Physical Geography)
- 14:45 **POLLUTION'S BOOMERANG: THE IMPACT OF INCREASED ATMOSPHERIC MERCURY LEVELS IN PAST POPULATIONS**  
Álvarez Fernández, Noemi - Martínez Cortizas, Antonio (EcoPast (GI-1553), Facultade de Bioloxía, Universidade de Santiago de Compostela) - López-Costas, Olalla (EcoPast - GI-1553, Arqueoloxía, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Facultad de Medicina, Universidad de Granada)
- 15:00 **THE CHANGING LANDSCAPE OF AUGUSTAN ROME: SACRO-IDYLLIC PAINTINGS AND POLLEN EVIDENCE FROM THE GULF OF GAETA**  
Shriver-Rice, Meryl (University of Miami, Abess Center for Ecosystem Science & Policy) - Rosenthal, Crystal (University of Texas at Austin)
- 15:15 **FUELLING ROMAN BARCINO (BARCELONA, SPAIN). THE CONTRIBUTION OF CHARCOAL ANALYSIS TO APPROACH THE CITY'S WOODLANDS EXPLOITATION FOR FIREWOOD PROCUREMENT**  
Bianco, Sabrina (Institut Català de Paleocologia Humana i Evolució Social - IPHES-CERCA; University of Barcelona, Faculty of Geography and History) - Riera Mora, Santiago (University of Barcelona, Faculty of Geography and History) - Miró Alaix, Carme (Servei d'Arqueologia de Barcelona, Direcció de Memòria, Història i Patrimoni - ICUB)
- 15:30 **THE CELESTIAL ENVIRONMENT OF THE ROMAN CITIES OF THE WESTERN PART OF EMPIRE**  
González-García, Antonio César (Institute of Heritage Sciences, Incipit-CSIC) - Garcia Quintela, Marco (Universidade de Santiago de Compostela)
- 15:45 **DISCUSSION SLOT**

#### POSTERS:

- A. **ROME TRANSFORMED: AN INTERDISCIPLINARY ANALYSIS OF POLITICAL, MILITARY AND RELIGIOUS REGENERATIONS OF THE CITY'S FORGOTTEN QUARTER C1 - C8 CE**  
Bailey, Phyllida (Newcastle University) - Azzari, Margherita (Universita' degli Studi di Firenze) - Haynes, Ian (Newcastle University) - Liverani, Paolo (Universita' degli Studi di Firenze) - Rosa, Carlo (S.I.G.E.A. Lazio) - Shillito, Lisa-Marie (Newcastle University)

## 456 FROM CONTEMPORARY KNOWNS TO PAST UNKNOWNNS - UNLOCKING ANCIENT HUMAN-ENVIRONMENT INTERCONNECTIONS VIA MODERN ISOTOPIC RECORDS

Time: 9:00 - 16:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Winter-Schuh, Christine (Institut für Ur- und Frühgeschichte, University of Kiel) - Eckelmann, Rebekka (Department of Cultures, Archaeology; University of Helsinki)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **USING MODERN MULTI-PROXY ENVIRONMENTAL SAMPLES TO CONSTRAIN BIOAVAILABLE SR ISOTOPE BASELINES FOR HUMAN MOBILITY STUDIES: A CASE STUDY FROM GREECE**  
Frank, Anja (National Museum of Denmark) - Kristiansen, Kristian (University of Gothenburg) - Frei, Karin (National Museum of Denmark)

- 9:30 **ON THE CONSTRUCTION OF MULTI-PROXY, BIOAVAILABLE SR-ISOTOPE BASELINES IN DIFFERENT TERRANES**  
Ladegaard-Pedersen, Pernille (National Museum of Denmark) - Sabatini, Serena (University of Gothenburg) - Kaul, Flemming - Frank, Anja (National Museum of Denmark) - Kristiansen, Kristian (University of Gothenburg; Globe Institute, GeoGenetics Centre) - Frei, Karin (National Museum of Denmark)
- 9:45 **DISCUSSION SLOT**
- 10:00 **STRONTIUM ISOTOPIC RATIOS (87SR/86SR) FROM TOOTH ENAMEL REFLECT SEASONAL MOBILITY OF MODERN HERDS. EXAMPLES FROM THE PYRENEES (PRESENT-DAY CATALONIA)**  
Nieto-Espinet, Ariadna (Archaeology of Social Dynamics IMF-CSIC) - Trentacoste, Angela (University of Oxford) - Cardona, Gerard (Casa Ricou livestock farmer - Catalan Pyrenees) - Bòria, Artur (Catalan Goat project livestock farmer - Catalan Pre-Pyrenees) - Guimarães, Sílvia (Archaeology of Social Dynamics IMF-CSIC) - García-Solsona, Ester - Torner-Pérez, Judit - Pena, Leopoldo (GRC-Geociències Marines, Dept. de Dinàmica de la Terra i de l'Oceà, Facultat de Ciències de la Terra, University of Barcelona) - Carroccio, Mateo Maria (Catalan Goat project livestock farmer - Catalan Pre-Pyrenees) - Valenzuela-Lamas, Sílvia (Archaeology of Social Dynamics IMF-CSIC)
- 10:15 **RESOLUTION AND LIMITS OF ISOTOPIC APPROACHES TO PUZZLE OUT SEASONAL HERD MOBILITY. A MODERN CASE STUDY FROM AZERBAIJAN**  
Berthon, Remi (Archéozoologie, Archéobotanique - Sociétés, Pratiques, Environnement - AASPE, MNHN-CNRS) - Giblin, Julia (Quinnipiac University, Department of Sociology, Criminal Justice and Anthropology) - Balasse, Marie - Mashkour, Marjan (Archéozoologie, Archéobotanique - Sociétés, Pratiques, Environnement - AASPE, MNHN-CNRS) - Thévenin, Michaël (Unité de recherches Migrations et société, Université de Paris-UCA-CNRS-IRD) - Fiorillo, Denis (Archéozoologie, Archéobotanique - Sociétés, Pratiques, Environnement - AASPE, MNHN-CNRS) - Ehleringer, James (University of Utah, School of Biological Sciences) - Amiri, Sariah (Department of Archaeology, University of Tehran) - Sheikhi Sheno, Shiva (Independent scholar)
- 10:30 **DETERMINING BIRTH SEASON USING OXYGEN ISOTOPES IN ENAMEL. A NEW MODERN REFERENCE SET FOR AUTUMN BIRTHS IN SHEEP**  
Balasse, Marie (AASPE Archéozoologie, archéobotanique : sociétés, pratiques, environnements, UMR 7209, CNRS MNHN) - Keller, Matthieu - Chemineau, Philippe (Physiologie de la Reproduction et des Comportements, UMR 7247, CNRS, INRAE, Univ Tours, IFCE) - Parisot, Sara (Unité Expérimentale de La Fage, UE0321, INRAE) - Fiorillo, Denis (AASPE Archéozoologie, archéobotanique : sociétés, pratiques, environnements, UMR 7209, CNRS MNHN)
- 10:45 **DISCUSSION SLOT**
- 11:00 **SEQUENTIAL ANALYSES OF BOVINE TOOTH DENTINE AND THE RECONSTRUCTION OF WEANING PROCESSES**  
Eckelmann, Rebekka (University of Helsinki) - Makarewicz, Cheryl - Winter-Schuh, Christine (Kiel University)
- 11:15 **MEASURING NITROGEN ISOTOPES IN TOOTH ENAMEL: A NOVEL METHOD FOR CHARACTERIZING TROPHIC POSITION IN MODERN AND ANCIENT FOOD WEBS**  
Leichliter, Jennifer (Institute of Geosciences, Johannes Gutenberg University; Max Planck Institute for Chemistry, Mainz) - Lüdecke, Tina (Max Planck Institute for Chemistry, Mainz; Senckenberg Biodiversity and Climate Research Centre, Frankfurt; Institute of Cognitive and Evolutionary Anthropology, University of Oxford) - Foreman, Alan - Duprey, Nicolas (Max Planck Institute for Chemistry, Mainz) - Winkler, Daniela (Department of Natural and Environmental Studies, University of Tokyo) - Clauss, Marcus (Clinic for Zoo Animals, Exotic Pets and Wildlife, Vetsuisse Faculty, University of Zurich) - Tütken, Thomas (Institute of Geosciences, Johannes Gutenberg University) - Martínez-García, Alfredo (Max Planck Institute for Chemistry, Mainz)
- 11:30 **USING MODERN MAMMAL TOOTH ENAMEL DATA TO UNDERSTAND NOVEL TROPHIC LEVEL RECONSTRUCTIONS OF EARLY PLEISTOCENE AUSTRALOPITHECUS (STERKFORTEIN, SOUTH AFRICA)**  
Lüdecke, Tina (Department of Climate Geochemistry, Max Planck Institute for Chemistry, Mainz; Institute of Cognitive and Evolutionary Anthropology, University of Oxford; Senckenberg Biodiversity and Climate Research Centre) - Leichliter, Jennifer (Department of Climate Geochemistry, Max Planck Institute for Chemistry, Mainz; Institute of Geosciences, Johannes Gutenberg University) - Duprey, Nicolas (Department of Climate Geochemistry, Max Planck Institute for Chemistry, Mainz) - Stratford, Dominic (School of Geography,

Archaeology and Environmental Studies, University of the Witwatersrand) - Haug, Gerald (Department of Climate Geochemistry, Max Planck Institute for Chemistry) - Bamford, Marion (Evolutionary Studies Institute and School of Geosciences, University of the Witwatersrand) - Mathe, Jacinto - Bobe, René - Carvalho, Susana (Institute of Cognitive and Evolutionary Anthropology, University of Oxford; Gorongosa National Park) - Martinez-Garcia, Alfredo (Department of Climate Geochemistry, Max Planck Institute for Chemistry, Mainz)

11:45 DISCUSSION SLOT

12:00 UNSPOOLING ENVIRONMENTAL FROM ANTHROPOGENIC INPUTS RECORDED IN HAIR KERATIN CARBON AND NITROGEN ISOTOPES OF SEMI-ARID REGION CAPRINES

Flohr, Pascal - Makarewicz, Cheryl (ROOTS Excellence Cluster, Kiel University; Institute for Prehistoric and Protohistoric Archaeology, Kiel University)

12:15 WELL-WATERED VS. WATER-STRESSED: THE CONTRIBUTION OF MODERN C4 PLANT STABLE ISOTOPE ANALYSIS FOR RECONSTRUCTING PAST AGRICULTURAL PRACTICES IN DRYLANDS

Varalli, Alessandra - D'Agostini, Francesca (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Fiorentino, Girolamo (Laboratory of Archaeobotany and Palaeoecology, Department of Cultural Heritage, University of Salento) - De Benedetto, Giuseppe - Pennetta, Antonio (Laboratorio di Spettrometria di Massa Analitica ed Isotopica, Department of Cultural Heritage, University of Salento) - Madella, Marco (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Vadez, Vincent (Institut de Recherche pour le Développement - IRD, Université de Montpellier - UMR DIADE, BP; International Crops Research Institute for Semi-Arid Tropics - ICRISAT) - Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA)

12:30 STABLE ISOTOPE COMPOSITION OF WEED PLANT CARBONATE AS A PALEOENVIRONMENTAL INDICATOR FOR PAST AGROECOSYSTEMS

Pustovoytov, Konstantin (Institute for Archaeological Science and Senckenberg Center for Human Evolution and Palaeoenvironment, Tübingen University; Institute of Oil and Gas, Yugra State University) - Riehl, Simone (Institute for Archaeological Science and Senckenberg Center for Human Evolution and Palaeoenvironment, Tübingen University)

12:45 DISCUSSION SLOT

14:30 EFFECTS OF MARINE BIOFERTILISATION ON CELTIC BEAN CARBON, NITROGEN AND SULPHUR ISOTOPES: IMPLICATIONS FOR RECONSTRUCTING PAST DIET AND FARMING PRACTICES

Gröcke, Darren - Church, Mike - Treasure, Edward - Gron, Kurt (University of Durham)

14:45 SEAWEED FERTILISATION AND CONSUMPTION: MODERN REFERENCE DATA OF FERTILISED BARLEY AND BONES AND TEETH OF SEAWEED-EATING SHEEP

Blanz, Magdalena (University of Vienna, Austria; University of the Highlands and Islands) - Mainland, Ingrid (University of the Highlands and Islands) - Ascough, Philippa (Scottish Universities Environmental Research Centre) - Taggart, Mark (University of the Highlands and Islands) - Richards, Michael (Simon Fraser University) - Wishart, John - Martin, Peter (University of the Highlands and Islands) - Raab, Andrea - Feldmann, Jörg (University of Graz)

15:00 MULTI-ISOTOPIC APPROACH OF MODERN ENVIRONMENTAL SAMPLES FROM THE BALTIC COAST REVEALS INSIGHTS INTO SEA SPRAY MECHANISMS

Göhring, Andrea (Ludwig Maximilian University, Faculty of Biology, Department of Biology I, Anthropology and Human Genomics) - Hölzl, Stefan (RieskraterMuseum Nördlingen) - Mayr, Christoph (Friedrich Alexander University Erlangen-Nuremberg, Institute of Geography; Ludwig Maximilian University Munich, Faculty of Geosciences, Department of Earth and Environmental Studies) - Strauß, Harald (University of Münster, Institute of Geology and Palaeontology)

15:15 DISCUSSION SLOT

15:30 PRESERVATION OF 87SR/86SR SIGNATURES IN EXPERIMENTALLY HEATED HARD CLAMS: IMPLICATIONS FOR SHELL MIDDEN RESEARCH

Höpker, Sebastian (Leibniz Centre for Tropical Marine Research - ZMT - GmbH, Bremen, Germany; Faculty of Geosciences, University of Bremen; Environmental Research Institute, School of Science, Faculty of Science and Engineering, University of Waikato) - Wu, Henry (Leibniz Centre for Tropical Marine Research

- ZMT - GmbH) - Lucassen, Friedrich (Faculty of Geosciences and MARUM - Center for Marine Environmental Sciences, University of Bremen) - Merschel, Peter (Leibniz Centre for Tropical Marine Research - ZMT - GmbH, Bremen, Germany; BDG Berufsverband Deutscher Geowissenschaftler e.V.) - Kasemann, Simone (Faculty of Geosciences and MARUM - Center for Marine Environmental Sciences, University of Bremen) - Westphal, Hildegard (Leibniz Centre for Tropical Marine Research - ZMT - GmbH; Faculty of Geosciences, University of Bremen)

15:45 STABLE OXYGEN ISOTOPE ANALYSIS ON PATELLA DEPRESSA REVEALS SEASONAL MARINE MOLLUSC EXPLOITATION PATTERNS IN N IBERIA BY MESOLITHIC FORAGERS

García-Escárzaga, Asier (Max Planck Institute for the Science of Human History; Universidad del País Vasco; Universidad de La Rioja) - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Cuenca-Solana, David (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria; Centre de Recherche en Archéologie, Archéosciences, Histoire - CRéAAH) - González-Morales, Manuel (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Ilgner, Jana (Max Planck Institute for the Science of Human History) - Lucas, Mary (Max Planck Institute for the Science of Human History) - Roberts, Patrick (Max Planck Institute for the Science of Human History; School of Social Sciences (University of Queensland)

16:00 DISCUSSION SLOT

## 470 RECENT CHRONOLOGY: CHALLENGING COPPER AGE HISTORICAL NARRATIVES IN CENTRAL, SOUTH-EASTERN AND EASTERN EUROPE

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 7. From global to local: Baltic-Pontic studies

Format: Regular session

Organisers: Hofmann, Robert (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Kadrow, Sławomir (Rzeszów University, Institute of Archaeology) - Lazar, Catalin (University of Bucharest, Research Institute of the University of Bucharest - ICUB) - Shatilo, Liudmyla - Terna, Stanislav\* (Kiel University, Institute of Pre- and Protohistoric Archaeology)

### ABSTRACTS

14:30 INTRODUCTION

14:45 POPULATION DYNAMICS INFERRED FROM SUMMED PROBABILITY DISTRIBUTIONS OF RADIOCARBON DATES DURING THE 5TH MILLENNIUM BCE IN THE LOWER DANUBE REGION

Popescu, Gabriel - Covătaru, Cristina - Oprea, Ionela - Frujină, Ovidiu (Research Institute of the University of Bucharest) - Sava, Tiberiu (Horia Hulubei National Institute of Physics and Nuclear Engineering - IFIN-HH) - Lazăr, Cătălin (Research Institute of the University of Bucharest)

15:00 TAKE THE WHOLE VALLEY! NON-INVASIVE SETTLEMENT ARCHAEOLOGY OF THE CUCUTENI CIVILIZATION IN THE NEAMŢ DEPRESSION OF THE MOLDAVIAN SUBCARPATHIANS (ROMANIA)

Preoteasa, Constantin (Neamţ National Museum Complex) - Mischka, Doris - Mischka, Carsten („Friedrich-Alexander” University of Erlangen-Nuremberg)

15:15 INTERACTIONS BETWEEN TRYPILLIAN FARMERS AND SREDNIJ STOG PASTORALISTS IN THE DNIEPER AREA AT THE END OF THE 5TH MILLENNIUM BCE

Nikitin, Alexey (Grand Valley State University) - Videiko, Mykhailo (Kyiv Borys Grinchenko University)

15:30 DISCUSSION SLOT

15:45 THE CHRONOLOGY OF THE TRYPILLIA CULTURE AND THE BAYESIAN APPROACH

Chub, Nataliia (RGK - Romano-Germanic Commission DAI)

16:00 TRIPOLYE MOBILITY PATTERNS, HOUSE DURATION AND DEMOGRAPHY: THE EVIDENCE OF RADIOCARBON DATING

Mueller, Johannes - Robert, Hofmann - Ohlrau, Rene (Institute of Prehistoric and Protohistoric Archaeology Kiel) - Rassmann, Knut (Römisch-Germanische-Kommission DAI Frankfurt) - Shatilo, Mila - Terna, Andreea

(Institute of Prehistoric and Protohistoric Archaeology Kiel) - Rud, Vitalii (Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv) - dal Corso, Marta - Kirleis, Wiebke (Institute of Prehistoric and Protohistoric Archaeology Kiel) - Videiko, Mykhailo (Laboratory of Archaeology, Borys Grinchenko Kyiv University)

16:15 DISCUSSION SLOT

16:30 TRANSFORMATION OF SETTLEMENT SYSTEMS AT DNEPPER REGION: FROM MEGA-SITES TO SMALL SITES AT TRYPILLIA CULTURE

Videiko, Mykhailo (Kyiv Borys Grinchenko University) - Burdo, Nataliia (Institute of Archaeology)

16:45 CHALLENGING POTTERY BASED CHRONOLOGIES AND NARRATIVES ON TRIPOLYE SOCIETIES

Hofmann, Robert (Kiel University) - Shatilo, Mila (Kiel University; Institute of Archaeology NASU Ukraine)

17:00 DISCUSSION SLOT

17:15 FALL OF NEOLITHIC SOCIETIES IN CENTRAL EUROPE AND EXPANSION OF STEPPE POPULATIONS AT THE END OF THE 4TH MILLENNIUM BC

Kadrow, Slawomir (Institute of Archaeology, Rzeszów University)

17:30 UNDERSTANDING CHANGES IN HOUSE CONSTRUCTION IN THE SECOND HALF OF THE 4TH MILLENNIUM BC IN THE EASTERN CARPATHIAN AREA

Król, Dariusz (Rzeszow University) - Sîrbu, Ghenadie (Academy of Sciences of Moldova) - Rybicka, Małgorzata (Rzeszow University) - Sîrbu, Livia (National Museum of History of Moldova) - Burlacu, Vitalie (Academy of Sciences of Moldova)

17:45 DISCUSSION SLOT

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## 471 WHAT'S SO CULTURAL ABOUT APPROPRIATION? ARCHAEOLOGICAL PERSPECTIVES ON CULTURAL ANNEXATIONS

Time: 9:00 - 12:30 CEST, 10 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Casimiro, Tania (NOVA University of Lisbon) - Simões, Sara (Cambridge Archaeological Unit)

### ABSTRACTS

9:00 INTRODUCTION: HOW SHOULD ARCHAEOLOGY APPROACH CULTURAL APPROPRIATION?

Simões, Sara (UNIARQ - Center for Archaeology, University of Lisbon) - Casimiro, Tânia (HTC/IAP Nova University of Lisbon)

9:15 WHO'S APPROPRIATING WHO? „IMITATIONS" OF ROMAN COINS FROM OUTSIDE THE EMPIRE

Wigg-Wolf, David (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts- RGK) - Bursche, Aleksander - Myzgin, Kyrylo (University of Warsaw, Institute of Archaeology)

9:30 HOW TO DRESS AND WORSHIP LOCAL GODDESSES - THE ROMAN "MAKING" OF THE SO-CALLED RHINELAND MATRONAE

Schmölzer, Astrid (Otto-Friedrich-Universität Bamberg, Institut für Archäologische Wissenschaften, Denkmalwissenschaften und Kunstgeschichte)

9:45 IMITATION AND CULTURAL APPROPRIATION. CHINESE INFLUENCES IN PORTUGUESE TIN GLAZE WARE

Casimiro, Tania (HTC NOVA University of Lisbon)

10:00 DISCUSSION SLOT

10:30 CULTURAL APPROPRIATION AND IRON METALLURGY: THE 16-17TH CENTURIES SLAG FROM PARANÁ, SOUTHERN BRAZIL

Giardino, Claudio (University of Salento - Lecce) - Bottaini, Carlo (Hercules Laboratory, University of Evora) - Chmyz, Igor (Federal University of Parana - Curitiba) - Zappatore, Tiziana (University of Salento - Lecce)

10:45 SOCIAL NUANCES DURING THE OLD REGIME PERIOD ON BRAZILIAN PORTUGUESE OVERSEAS POSSESSIONS, ACCORDING TO THE PRESENCE OF PORTUGUESE FAIENÇA

Bandeira, Beatriz Brito De (Universidade Federal de Sergipe)

11:00 DISCUSSION SLOT

### POSTERS:

A. APPROPRIATION AND ATTRIBUTION AS SIGNS OF CULTURAL IGNORANCE?

Adlung-Schönheit, Lilian (Hamburg University)

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## 475 HUMAN BONE AND TOOTH ARTEFACTS IN HUNTER-GATHERER CONTEXTS - CASE STUDIES, ANALYSES, INTERPRETATIONS AND THEORIES

Time: 9:00 - 11:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Discussion session

Organisers: Mannermaa, Kristiina (University of Helsinki; University of Tartu) - Gray Jones, Amy (University of Chester) - Malyutina, Anna (Institute for the history of material culture, St Petersburg)

### ABSTRACTS

9:00 INTRODUCTION

9:15 MELODIES FLOWING FROM HUMAN BONES. MUSICAL INSTRUMENTS FROM PRE-COLUMBIAN PERIOD

Bak, Judyta (Doctoral School in the Humanities, Jagiellonian University) - Zdeb, Katarzyna (Institute of Archaeology, Cardinal Stefan Wyszyński, University in Warsaw)

9:30 FROM NEAR AND FAR. TOOTH BEADS FROM LATE MESOLITHIC CEMETERIES IN SKATEHOLM, SOUTHERNMOST SWEDEN

Larsson, Lars (Department of Archaeology and Ancient History) - Boethius, Adam (-) - Ahlström, Torbjörn (-) - Kjällquist, Mathilda (-)

9:45 HUMAN BONE PENDANTS FROM LATE MESOLITHIC NORTHEAST EUROPE

Mannermaa, Kristiina (Department of Cultures, Archaeology, University of Helsinki) - Malyutina, Anya (Laboratory of the Experimental Traceology, Institute for the history of material culture Russian Academy of Sciences, Saint-Petersburg) - Gerasimov, Dmitriy (Russian Academy of Sciences, Peter the Great Museum of Anthropology and Ethnography, Saint-Petersburg)

10:00 THE AGENCY OF THE DEAD IN MESOLITHIC EUROPE

Gray Jones, Amy (University of Chester)

10:15 DISCUSSION SLOT

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## 496 A WORLD OF CLAY I: WIDENING ANALYTICAL HORIZONS

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Arntz, Monique (University of Cambridge, Department of Archaeology) - Delbey, Thomas (Cranfield University, Cranfield Forensic Institute) - Jean, Mathilde (Université Paris 1 Panthéon-Sorbonne) - Delvoe, Adrien (University of Geneva, Department of Genetics and Evolution) - Kroon, Erik (Leiden University, Faculty of Archaeology)

### ABSTRACTS

14:30 INTRODUCTION

- 14:45 **AN INSIGHT INTO THE SUITABILITY OF CLAYEY RAW MATERIALS: THE CERAMIC PROVINCES OF NORTHERN PELOPONNESE AND SOUTH EPIRUS, GREECE**  
Xanthopoulou, Vayia (Department of Geology, University of Patras; Laboratory of Electron Microscopy and Microanalysis, School of Natural Sciences University of Patras; University of Henan, Key Research Institute of Yellow River Civilization and Sustainable Development, School of Geography & College of Environment and Planning, Kaifeng) - Kougia, Nickoula (Department of Geology, University of Patras; ERAAUB, Facultat de Geografia i Història, Departament d'Història i Arqueologia, Universitat de Barcelona) - Iliopoulos, Ioannis (Department of Geology, University of Patras; ERAAUB, Facultat de Geografia i Història, Departament d'Història i Arqueologia, Universitat de Barcelona)
- 15:00 **IDENTIFICATION OF MANUFACTURING TECHNIQUES AND FIRING TEMPERATURES ON YCHSMA CERAMICS. ARMATAMBO (1250-1532 AD) LIMA PERU**  
Pareja Anyosa, Dante (IRAMAT-CRP2A, Université Bordeaux Montaigne - UBM; GPAC, C.I. Micaela Portilla Universidad del País Vasco - UPV/EHU; Grupo de Investigación Sociedades Prehispánicas del Litoral-Yungas. Universidad Nacional Mayor de San Marcos) - Iñañez, Javier (Ramon y Cajal Researcher, GPAC, C.I. Micaela Portilla. Universidad del País Vasco) - Chapoulie, Rémy (IRAMAT-CRP2A, Université Bordeaux Montaigne - UBM) - Diaz, Luisa (Grupo de Investigación Sociedades Prehispánicas del Litoral-Yungas. Universidad Nacional Mayor de San Marcos)
- 15:15 **DIFFERENT METHODS FOR DUNG DETERMINATION IN THE CERAMICS (BY THE MATERIALS OF YARIM TEPE I SETTLEMENT, NEOLITHIC OF NORTHERN IRAQ)**  
Babenko, Anna (Institute of Archaeology RAS, Moscow, Russia) - Petrova, Natalia (Department of Archaeology State Historical Museum)
- 15:30 **DISCUSSION SLOT**
- 15:45 **A MATTER OF SCALE! FIELD OBSERVATIONS AND MICROMORPHOLOGICAL ANALYSES ON EARTHEN MATERIALS AT MENTESH TEPE (AZERBAIJAN) IN THE NEOLITHIC PERIOD**  
Bellat, Mathias (Museum National d'Histoire Naturelle) - Baudouin, Emmanuel (Université Toulouse Jean Jaurès, UMR 5605 TRACES) - Cammas, Cécilia (AgroParisTech, UMR 5140 ASM; INRAP)
- 16:00 **CERAMIC BUILDING MATERIAL – A UNIQUE SOURCE OF DOG HISTORY. THE CASE OF VILNIUS (LITHUANIA)**  
Blaževicius, Povilas (Vilnius University)
- 16:15 **SHAPING AND WRITING ON CLAY: PRODUCING THE LINEAR B TABLETS OF MYCENAEAN PYLOS**  
Judson, Anna (British School at Athens)
- 16:30 **LATE NEOLITHIC ANTHROPOMORPHIC FIGURINES TECHNOLOGY: PRODUCTION SEQUENCE AS AN INDICATOR OF IDENTITIES AND SYMBOLIC ACTIVITIES**  
Vukovic, Jasna (Department of Archaeology, Faculty of Philosophy, University of Belgrade)
- 16:45 **TECHNO-PETROGRAPHIC STUDY OF EPN CERAMIC ASSEMBLAGES IN THE SOUTHERN LEVANT (7TH MILLENNIUM CAL. BC): MULTI-SCALAR ANALYSIS TO HIGHLIGHT POTTERY PRODUCTION**  
Harivel, Carine (University Paris Nanterre) - Coquinot, Yvan (C2RMF) - Vieugué, Julien (CNRS - UMIFRE 7 Centre de Recherche Français à Jérusalem)
- 17:00 **DISCUSSION SLOT**
- 17:15 **PETROGRAPHIC-GEOCHEMICAL CHARACTERIZATION OF CLAY DEPOSITS IN THE CEYHAN PLAIN (SOUTHERN TURKEY): THE IMPLICATIONS FOR ARCHAEOMETRIC STUDY OF ANCIENT CERAMICS**  
Haciosmanoglu, Sinem (Eberhard-Karls University of Tübingen, Institute of Scientific Archaeology - INA) - Kibaroglu, Mustafa (Eberhard-Karls University of Tübingen, Institute for Pre-and Protohistory and Medieval Archaeology)
- 17:30 **CERAMIC MATERIAL CULTURE OF THE EASTERN ADRIATIC ISLAND OF HVAR TO REVEAL CULTURAL EXCHANGE BETWEEN THE LOCALS AND GREEK SETTLERS**  
Doyle, Emily (Department of Geosciences, Texas Tech University) - Ugarković, Marina (Institute of Archaeology, Zagreb) - Šegvić, Branimir (Department of Geosciences, Texas Tech University)

- 17:45 **STUDYING ROMAN-PERIOD PLAIN ROOF TILES IN THE EASTERN MEDITERRANEAN AREA: A NEW LOOK AT AN OLD MATERIAL**  
Hamari, Pirjo (Finnish Heritage Agency; University of Helsinki)
- 18:00 **WALLS AND RAMPARTS OF CLAY: GEOCHEMISTRY OF IRON AGE MUDBRICKS**  
Kailamaki, Uine - Lorenzon, Marta (University of Helsinki)
- 18:15 **DISCUSSION SLOT**

#### POSTERS:

- A. **TECHNICAL AND TECHNOLOGICAL ANALYSIS OF CERAMICS OF THE SETTLEMENT UST-VAS'YEGAN 1**  
Chikunova, Irina - Ilyushina, Victoria (Tyumen scientific center SB RAS)

### 498 INTERDISCIPLINARY STUDIES ON SICILY: CASE STUDIES AND METHODOLOGY

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Montesana, Roberta (Universitat de Barcelona) - Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia)

#### AGENDA

##### Keynote speakers

- **Dawson, Helen** (University of Bologna; Freie Universität): Network studies and island archaeology: a Sicilian grand tour
- **Giannitrapani, Enrico** (Arkeos): Outline of a multivocal approach for the study of past Sicilian landscapes
- **Levi, Sara** (Hunter College, CUNY)
- **Tanasi, Davide** (University of South Florida): Archaeometry and Sicilian Prehistory: It Takes Two to Tango
- **Tykot, Robert** (University of South Florida): Diet and Mobility in Sicily and the Central Mediterranean: Isotopic and Elemental Analyses

##### Followed by short presentations and discussion

- **Aniceti, Veronica** (University of Bergen, Norway), Identifying different cultures in medieval Sicily (7th-12th/13th centuries AD): the zooarchaeological contribute
- **Cantisani, Matteo** (Institute of Archaeological Studies, Bochum University; Center for Mediterranean Studies, Bochum University): Human-environment interrelationships and co-creation in late prehistoric Sicily: integrated methodological and theoretical perspectives
- **Chowaniec, Roksana** (University of Warsaw): Multidisciplinary study on ancient human impact on the natural landscape. Akrai/Acrae, case study
- **Ferrara, Vincenza** (Department of Archaeology and Ancient History, Uppsala University; Department of Human Geography, Stockholm University) - Ekblom, Anneli (Department of Archaeology and Ancient History, Uppsala University) - La Mantia, Tommaso (Dipartimento di Scienze Agrarie e Forestali, Università degli Studi di Palermo) - Brun, Anders (Department of Information Technology, Uppsala University) - Wästfelt, Anders (Department of Human Geography, Stockholm University): The Biocultural Heritage of Sicilian Olive Trees
- **Peinetti, Alessandro** (University Paul Valéry, France - University of Bologna, Italy), M.Cattani (University of Bologna, Italy), F. Debandi (University of Bologna, Italy), F.Fiori (University of Bologna, Italy), A. Magri (University of Bologna, Italy): Intra-site geoarchaeology and microstratigraphic record: the contribution of soil micromorphology to understand ancient lifestyles at the Bronze Age village of Mursia (Pantelleria, Trapani)

## 508 PRESERVING THE “LIVING HERITAGE” OF ABANDONED LANDS. ARCHAEOLOGY AND SUSTAINABLE PRACTICES TO PROTECT AND CONSERVE UPLAND LANDSCAPES

Time: 16:30 - 18:30 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Panetta, Alessandro (University of Genoa) - Martín Civantos, José María (University of Granada) - Dalglish, Chris (INHERIT - Institute for Heritage & Sustainable Human Development) - Stagno, Anna (University of Genoa)

### ABSTRACTS

- 16:30 **WHATEVER IT TAKES TO PRESERVE THE EUROPEAN RURAL HERITAGE. SUSTAINABLE PRACTICES TO PROTECT AND CONSERVE UPLAND LANDSCAPES AND MEMORIES**  
Panetta, Alessandro (University of Genoa) - Martín Civantos, José María (University of Granada) - Dalglish, Chris (INHERIT - York Archaeological Trust) - Domínguez, Pablo (CNRS - University of Toulouse Jean Jaurès) - Gerrard, Chris (Durham University) - Py-Saragaglia, Vanessa (CNRS - University of Toulouse Jean Jaurès) - Stagno, Anna Maria - Salvidio, Sebastiano (University of Genoa)
- 16:45 **THE CHEVIOT HILLS (UK) – HISTORIC LAND USE PRACTICES, CONSERVATION & SUSTAINABLE USE OF UPLAND LANDSCAPES FOR COMMUNITY BENEFIT**  
Dalglish, Chris (INHERIT - York Archaeological Trust) - Gerrard, Chris (Durham University) - Walker, Skye (York Archaeological Trust)
- 17:00 **LEARNING FROM THE PAST: HISTORICAL WATER MANAGEMENT AND AGRARIAN PRACTICES IN NORTHERN SIERRA NEVADA MOUNTAIN (GRANADA, SPAIN)**  
Martín Civantos, José María - Abellan Santisteban, José - Ramos Rodríguez, Blas - Roman Punzon, Julio (Universidad de Granada)
- 17:15 **RURAL HERITAGE AND LANDSCAPES OF SIERRA NEVADA: HISTORICAL IRRIGATION SYSTEMS AND PASTORAL LANDSCAPES FROM AN ARCHAEOLOGICAL PERSPECTIVE (18TH-21ST C.)**  
Sánchez García, Agustín - Stagno, Anna Maria (Università di Genova) - Martín Civantos, José María (Universidad de Granada)
- 17:30 **HOW LESSONS FROM HISTORICAL ECOLOGY CAN CONTRIBUTE TO UPLAND MANAGEMENT AND CONSERVATION**  
Costello, Eugene (University College Cork; Stockholm University)
- 17:45 **RECOGNISING CONTEMPORARY USER VALUES AND SIGNIFICANCE IN THE CONSERVATION OF UPLAND PEATLANDS**  
Jennings, Benjamin - Flint, Abbi (University of Bradford)
- 18:00 **LIFE OF AN IMPRESSIVE LANDSCAPE: FROM MUNICIPIUM TO TOURISTIC ATTRACTION**  
Hoxha, Zana (Institute of Albanology) - Rama, Zana (Archaeological Institute of Kosovo) - Luci, Kemajl (Museum of Kosovo)
- 18:15 **DISCUSSION SLOT**

## 511 A CROSSROADS BETWEEN THE CONTINENTS – INTERDISCIPLINARY APPROACHES TO INTERCONNECTEDNESS IN THE ANCIENT MEDITERRANEAN

Time: 11:00 - 18:30 CEST, 10 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Harvard Medical School) - Eisenmann, Stefanie (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena) - More, Alexander (Climate Change Institute, UMaine; Initiative for the Science of the Human Past, Harvard University)

### ABSTRACTS

- 11:00 **INTRODUCTION**
- 11:15 **RETHINKING MEDITERRANEAN CONNECTEDNESS**  
Stockhammer, Philipp (LMU Munich; MPI Jena)
- 11:30 **THE HONEY BEE, HER LIQUID GOLD, AND HER SIGNIFICANCE IN THE MEDITERRANEAN**  
Zak, Claire (Texas A&M University)
- 11:45 **DISCUSSION SLOT**
- 12:00 **INSIGHTS INTO ADMIXTURE HISTORY AND SOCIAL PRACTICES IN THE PREHISTORIC AEGEAN FROM ANCIENT DNA**  
Skourtanioti, Eirini - Gneccchi Ruscone, Guido Alberto (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Ringbauer, Harald (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Department of Genetics, Harvard Medical School) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology) - Jeong, Choongwon (School of Biological Sciences, Seoul National University) - Stockhammer, Philipp W. (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University)
- 12:15 **MOBILITY AND MIGRATION AT THE END OF THE BRONZE AGE IN THE SOUTHERN LEVANT**  
Knapp, A. Bernard (University of Glasgow)
- 12:30 **DISCUSSION SLOT**
- 14:30 **INVESTIGATING DIETARY PATTERNS IN MEDITERRANEAN LATE ANTIQUITY THROUGH A BAYESIAN META-ANALYSIS OF HUMAN ISOTOPIC DATA**  
Cocozza, Carlo (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - Cirelli, Enrico (Alma Mater Studiorum Università degli Studi di Bologna, Dipartimento di Storia Culture Civiltà) - Teegen, Wolf-Rüdiger (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History, Department of Archaeology, Jena; University of Oxford, School of Archaeology; Masaryk University, Arne Faculty of Arts)
- 14:45 **THE PUNIC MEDITERRANEAN - A NEW ANCIENT DNA PERSPECTIVE**  
Ringbauer, Harald (MPI-EVA Leipzig) - Olalde, Iñigo (University Pompeu Fabra) - Mittnik, Alissa (Harvard University) - Lalueza-Fox, Carles (Institute of Evolutionary Biology - CSIC-UPF) - Reich, David (Harvard University)
- 15:00 **EXPLORING THE GENETIC DIVERSITY OF MAGNA GRAECIA – THE CASE OF CAMPANIA**  
Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Max Planck-Harvard Research Center for the Archaeoscience of the Ancient Mediterranean) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Genetics, Harvard Medical School; Department of Evolutionary Anthropology, University of Vienna) - Sperduti, Alessandra (Bioarchaeology Service, Museum of Civilization, Rome; Department of Asia, Africa e Mediterraneo, University of Naples “L’Orientale”) - Bondioli, Luca (Bioarchaeology Service, Museum of Civilization, Rome; Department of Cultural Heritage, University of Padua) - Gigante, Melania (Department of Cultural Heritage, University of Padua) - Cavazzuti, Claudio (De-



partment of History Cultures Civilizations, Alma Mater Studiorum - University of Bologna; Durham University - Department of Archaeology) - Modi, Alessandra - Caramelli, David (Department of Biology, University of Florence) - Pinhasi, Ron (Department of Anthropology, University of Vienna) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Max Planck-Harvard Research Center for the Archaeoscience of the Ancient Mediterranean; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of Harvard and MIT)

15:15 DISCUSSION SLOT

15:30 GLOBALIZING SCENTS AND SPICES. EXCHANGE OF AROMATIC PLANTS ALONG THE INCENSE TRADE ROUTE

Huber, Barbara - Larsen, Thomas - Boivin, Nicole (Max Planck Institute for the Science of Human History)

15:45 INSIGHTS INTO ANCIENT EGYPTIAN GENOMES IN THE FIRST MILLENNIUM BC

Salem, Nada (Department of Archaeogenetic, Max Planck Institute for the Science of Human History, Jena; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Gneccchi Ruscone, Guido Alberto (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Mötsch, Angela (Department of Archaeogenetic, Max Planck Institute for the Science of Human History, Jena) - Teßmann, Barbara (Museum for Prehistory and Early History, SMPK Berlin; Berlin Society of Anthropology, Ethnology and Prehistory) - Frenzel, Hannah (Institute of Anatomy, Leipzig University) - Spyrou, Maria (Institute for Archaeological Sciences - INA, University of Tübingen) - Francken, Michael (Cultural Heritage Management, Government office of Stuttgart) - Harvati, Katerina (Institute for Archaeological Sciences - INA, University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen) - Stockhammer, Philipp (Department of Archaeogenetic, Max Planck Institute for the Science of Human History, Jena; Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, LMU Munich) - Krause, Johannes (Department of Archaeogenetic, Max Planck Institute for the Science of Human History, Jena; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig)

16:00 CONNECTING PLACES: THE MATERIAL QUALITY AND PROVENANCE OF ANCIENT PIGMENTS

Rodler, Alexandra (Austrian Academy of Sciences) - Baragona, Anthony (University of Applied Arts) - Verbeemen, Elijah - Goderis, Steven (Vrije Universiteit Brussel) - Sørensen, Lasse (The National Museum of Denmark)

16:15 DISCUSSION SLOT

16:30 ANCESTRAL ORIGINS AT THE ROMAN DANUBIAN LIMES

Carrion, Pablo - Olalde, Iñigo (Institut de Biología Evolutiva-CSIC) - Rohland, Nadin (Department of Genetics, Harvard Medical School) - Grbić, Miodrag (University of Western Ontario) - Miladinović-Radmilović, Nataša (Institute of Archaeology, Belgrade) - Tomanović, Željko - Keckarević, Dušan (University of Belgrade) - Mikić, Ilija (Institute of Archaeology, Belgrade) - Lalueza-Fox, Carles (Institut de Biología Evolutiva-CSIC) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University)

16:45 FIRST-MILLENNIUM CE PLANT AND ANIMAL EXCHANGE VIA ARCHAEOBOTANY IN COLLABORATION WITH OTHER DISCIPLINES: A MULTI-SCALAR VIEW FROM THE NEGEV HIGHLANDS

Fuks, Daniel (McDonald Institute for Archaeological Research, University of Cambridge)

17:00 DISCUSSION SLOT

17:15 THE FUTURE OF MEDITERRANEAN CONNECTEDNESS STUDIES

Hodos, Tamar (University of Bristol)

17:30 DISCUSSION SLOT

## 515 NEW REALITIES? A CRITICAL APPROACH TO RECREATING OBJECTS FOR EXAMINING AND PRESENTING THE PAST

Time: 14:30 - 16:30

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Miller Bonney, Emily (California State University Fullerton) - Adams, Sophia (SUERC, University of Glasgow)

### ABSTRACTS

14:30 INTRODUCTION

14:42 REPRODUCING THE PAST IN MULTIPLES: SHAPING PAST AND PRESENT NARRATIVES

Miller Bonney, Emily (California State University Fullerton)

14:48 THE LINDHOLME TRACKWAY

Griffiths, Mark (Independent researcher)

14:54 FIT FOR A PRINCESS: RECREATING THE DOMESTIC SPACE OF KATARINA JAGELLONICA IN TURKU CASTLE, 1562

Gonzalez, Joseph (California State University, Fullerton)

15:00 DINNER IS SERVED BUT WE ARE 250 YEARS LATE

Reppo, Monika (University of Tartu)

15:06 VR GAME SIMULATION OF A 'GULAG CAMP' AS AN EFFECTIVE EDUCATIONAL TOOL: REFLECTION ON THE CRITICAL STAGES OF DEVELOPMENT

Holata, Lukáš (University of South Bohemia; Gulag.cz) - Brošta, Josef - Černoušek, Štěpán (Gulag.cz) - Novik, Andrej (Scio)

15:12 GOING ROUND IN CIRCLES: DIGITALLY RECREATING EARLY BRONZE AGE AEGEAN ROLLER SEALS

Finlayson, Sarah (Universität Heidelberg)

15:18 EXPLORING TECHNOLOGICAL VARIABILITY OF LONG-HANDLED COMBS AND THE IMPACT ON ANALYTICAL METHODOLOGIES

Beamer, Jennifer (University of Leicester)

15:24 "OH...BUT IT LOOKS SO MODERN AND COLOURFUL?" - CLOTHING AND EXPECTATIONS OF ATTENDEES AT PREHISTORIC LIVING HISTORY EVENTS

Giroto, Chiara (Ludwig-Maximilians-University Munich)

15:30 REPLICATION, REIMAGING AND THE REAL: THE CHANGING NARRATIVES OF A PREHISTORIC GODDESS'

Gearey, Benjamin (Prehistoric Society) - Power, Orla-Peach (UCC)

15:36 A DESIGN APPROACH TO IRON AGE TEXTILES: RECONSTRUCTING A WOVEN CLOAK FROM BURTON FLEMING, EAST YORKSHIRE

Farley, Julia (British Museum)

15:42 THE TANGY SMELL OF BRONZE: IGNITING THE SENSES TO LEARN WITH THE PAST

Adams, Sophia (University of Glasgow)

15:48 DISCUSSION SLOT

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**516 FROM CRITIQUE TO SYNTHESIS: TRANSCENDING THE GENOMIC DIVIDE WITHIN ARCHAEOLOGY**

Time: 9:00 - 15:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Makarewicz, Cheryl (Kiel University) - Nativ, Assaf (Zinman Institute of Archaeology, University of Haifa) - Furholt, Martin (Dept. of Archaeology, Conservation and History University of Oslo; Institute of Prehistoric and Protohistoric Archaeology, Kiel University)

**ABSTRACTS**

- 9:00 INTRODUCTION
- 9:15 DOES THE ADNA - ARCHAEOLOGY DIALOGUE INVOLVE DIALOGUE AMONGST ARCHAEOLOGISTS FIRST?  
Vander Linden, Marc (Bournemouth University)
- 9:30 BETWEEN TWO PREMISES OF HISTORY  
Nativ, Assaf (University of Haifa)
- 9:45 TRANSDISCIPLINARITY IN THE ARCHAEOGENETIC DISCOURSE  
Furholt, Martin (University of Oslo)
- 10:00 CONSTRUCTING ANCIENT IDENTITIES WITH GENETICS AND ARCHAEOLOGY  
Frieman, Catherine (Australian National University)
- 10:15 FROM CRITIQUE TO SYNTHESIS VIA THEORY  
Crellin, Rachel (University of Leicester)
- 10:30 ANCIENT LIVESTOCK GENOMICS AND HUMAN AGENCY  
Bradley, Daniel - Daly, Kevin (Trinity College Dublin)
- 10:45 DISCUSSION SLOT
- 11:00 KINMAKING AS SOCIAL PRACTICE  
Bruck, Joanna (University College Dublin)
- 11:15 ANCIENT DNA AND ZOOARCHAEOLOGICAL APPROACHES TO ANIMAL DOMESTICATION  
Brunson, Katherine (Wesleyan University)
- 11:30 USES AND ABUSES OF ANCIENT GENOMICS? TOWARDS A FULL INTEGRATION OF ADNA AND ARCHAEOLOGY  
Fernandez, Eva (Durham University)
- 11:45 ONTOLOGIES, ETHICS AND PERSPECTIVISM: CAN WE MAKE ARCHAEOGENETIC NARRATIVES MORE ANTHROPOLOGICAL?  
Arbuckle, Benjamin (University of North Carolina)
- 12:00 ARCHAEOLOGY AND GENETICS - A NOTORIOUS TROUBLEMAKER OR A MATCH MADE IN HEAVEN?  
Haak, Wolfgang (Max-Planck Institute for the Science of Human History; Max-Planck Institute for Evolutionary Anthropology)
- 12:15 EXPLORING PRESTIGE, ENTITLEMENT AND HUMILITY WITHIN AND BETWEEN ACADEMIC DISCIPLINES  
Larson, Greger (University of Oxford)
- 12:30 'WHERE DO WE COME FROM? WHAT ARE WE? WHERE ARE WE GOING?': ARCHAEOLOGY, ARCHAEOGENETICS, AND ARCHAEOLOGICAL SCIENCE FUTURES  
Makarewicz, Cheryl (Kiel University)
- 12:45 DISCUSSION SLOT
- 14:30 DISCUSSION SLOT

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**517 CONSIDER THE COLLECTIONS: RETHINKING APPROACHES TO COLONIAL MUSEUMS FOR THE 21ST CENTURY**

Time: 14:30 - 17:30 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Boza Cuadros, Maria Fernanda (Museum am Rotherbaum - Kulturen und Künste der Welt; Centro Peruano de Arqueología Marítima y Subacuática) - Lans, Aja (Syracuse University)

**ABSTRACTS**

- 14:30 INTRODUCTION
- 14:45 THE NATIONAL MUSEUM OF ARCHAEOLOGY (MUNA) IN PERU: A WAY FORWARD FOR OVERCOMING COLONIALIST AND NATIONALIST ENTANGLEMENTS?  
Uribe Chinen, Claudia (University of Tsukuba)
- 15:00 DECOLONIZING THE AFRICAN COLLECTIONS AT MOA: FROM PROJECT TO PROCESS  
Porto, Nuno (Museum of Anthropology - University of British Columbia)
- 15:15 DECOLONIZING HUMAN REMAINS HOUSED IN MUSEUMS: APPLYING BLACK FEMINIST PERSPECTIVES TO THE HUNTINGTON COLLECTION  
Lans, Aja (Syracuse University)
- 15:30 PATHS TOWARDS WIDENING APPROACHES: SELK'NAM ANCESTORS, REPRESENTATIVES AND RESEARCHERS  
Schattke, Constanze (University of Vienna; Natural History Museum Vienna) - Olivares, Fernanda - Molina, Nancy (Fundación Hach Saye) - Berner, Margit - Eggers, Sabine (Natural History Museum Vienna)
- 15:45 FORMACIÓN DE COLECCIONES ARQUEOLÓGICAS Y ETNOGRÁFICAS: NOTAS SOBRE LAS TRAYECTORIAS DE OBJETOS LATINO-AMERICANOS  
Bernal, Vanessa (Ecole du Louvre)
- 16:00 DISPLAY OR RETURN? A RAJA AMPAT ALTAR AND A MAORI WAKA  
Veys, Fanny (National Museum of World Cultures)
- 16:15 THE SKULL IN THE ATTIC: PRACTICAL CONCERNS FOR UNEXPECTED FINDS IN MUSEUM COLLECTIONS  
Boza Cuadros, Maria Fernanda (Museum am Rotherbaum - Kulturen und Künste der Welt; Centro Peruano de Arqueología Marítima y Subacuática) - Dau, Jamie (Museum am Rotherbaum - Kulturen und Künste der Welt)
- 16:30 DISCUSSION SLOT

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**529 ADDING FLESH TO THE BONES: THE INTEGRATION OF BIOCHEMICAL AND BIOMOLECULAR TECHNIQUES IN THE STUDY OF HUMAN-ANIMAL RELATIONSHIPS**

Time: 14:30 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Brusgaard, Nathalie (University of Groningen) - Mannermaa, Kristiina (University of Helsinki; University of Tartu) - Çakırlar, Canan - Raemaekers, Daan (University of Groningen)

**ABSTRACTS**

- 14:30 EXPLORING THE RELATIONSHIP BETWEEN HUMAN ANTIQUITY AND PLEISTOCENE MEGAFUNA EXTINCTIONS IN NORTHWESTERN SOUTH AMERICA  
Ziegler, Michael - Roberts, Dr. Patrick (Max Planck Institute for the Science of Human History)

- 14:45 RECONSTRUCTING HUNTER-GATHERER PREY-SPECIES BEHAVIOUR: IMPLICATIONS FOR HOMININ ECOLOGICAL PLASTICITY DURING THE CENTRAL EUROPEAN PALAEO-LITHIC**  
Heddell-Stevens, Phoebe (Max Planck Institute for the Science of Human History; Friedrich-Schiller-Universität) - Roberts, Patrick (Max Planck Institute for the Science of Human History; University of Queensland)
- 15:00 TRACING ENVIRONMENTAL STABILITY AND FAUNAL RESOURCE USE AT VLAKNO CAVE (CROATIA)**  
Radovic, Sinisa (Institute for Quaternary Palaeontology and Geology, Croatian Academy of Sciences and Arts, Zagreb) - Pilaar Birch, Suzanne (Department of Anthropology, Department of Geography, University of Georgia) - Vujević, Dario (Department of Archaeology, University of Zadar)
- 15:15 HUMAN DIET DURING CA. 7000-500 CAL BC IN SOUTHEASTERN BALTIC ACCORDING TO CARBON AND NITROGEN STABLE ISOTOPE DATA: AN UPDATE**  
Simcenka, Edvardas (Archaeology Department, Lithuanian Institute of History) - Kozakaitė, Justina (Faculty of Medicine, Vilnius University) - Piličiauskienė, Giedrė (Faculty of History, Vilnius University) - Piličiauskas, Gytis (Archaeology Department, Lithuanian Institute of History) - Robson, Harry (Department of Archaeology, the University of York)
- 15:30 THE EMERGENCE AND EVOLUTION OF NEOLITHIC CATTLE FARMING IN SOUTHEASTERN EUROPE: ZOOARCHAEOLOGICAL AND STABLE ISOTOPE DATA FROM DŽULJUNICA-SMĀRDEŠ, IN BULGARIA**  
Kamjan, Safoora (Groningen Institute of Archaeology, University of Groningen) - de Groene, Donna (University of Reading, Archaeology Department) - van den Hurk, Youri (Groningen Institute of Archaeology, University of Groningen) - Zidarov, Petar (Eberhard-Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters) - Elenski, Nedko (Regional Museum of History, Veliko Tarnovo) - Patterson, William (Saskatchewan Isotope Lab, University of Saskatchewan) - Çakırlar, Canan (Groningen Institute of Archaeology, University of Groningen)
- 15:45 INVESTIGATING THE BEGINNING OF ANIMAL HUSBANDRY IN THE DUTCH WETLANDS THROUGH ZOOARCHAEOLOGY, PALAEOGENOMICS, STABLE ISOTOPE ANALYSIS, AND HIGH-PRECISION RADIOCARBON CHRONOLOGY**  
Dreshaj, Merita (Groningen Institute of Archaeology, University of Groningen; Centre for Isotope Research, University of Groningen) - Brusgaard, Nathalie - Erven, Jolijn - Çakırlar, Canan (Groningen Institute of Archaeology, University of Groningen) - Dee, Michael (Centre for Isotope Research, University of Groningen) - Peeters, Hans - Raemaekers, Daan (Groningen Institute of Archaeology, University of Groningen)
- 16:00 PATHS TO POWER? INVESTIGATING NEOLITHIC ANIMAL MANAGEMENT PRACTICES AND DIETARY BEHAVIOUR ACROSS PASSAGE TOMB REGIONS OF THE IRISH SEA ZONE**  
Pigiore, Fabienne (University College Dublin - School of Archaeology) - Olet, Lilly (University of Bristol - School of Chemistry) - Mainland, Ingrid - Downes, Jane (University of the Highlands and Islands) - Faillace, Katie (Cardiff University, Department of Archaeology and Conservation) - Madgwick, Richard (Cardiff University, School of History, Archaeology and Religion) - Evershed, Richard (University of Bristol - School of Chemistry) - Buckley, Michael (University of Manchester- Department of Earth and Environmental Sciences) - Smyth, Jessica (University College Dublin - School of Archaeology)
- 16:15 DISCUSSION SLOT**
- 16:30 FIDO IN THE FIELD: NEW MORPHOMETRIC AND STABLE ISOTOPE EVIDENCE FOR HUMAN-DOG RELATIONSHIPS IN PREHISTORIC CROATIA**  
Zavodny, Emily (University of Central Florida) - Welker, Martin (Arizona State Museum) - McClure, Sarah (University of California Santa Barbara)
- 16:45 LIVING ON THE EDGE: A SEQUENTIAL MULTI-ISOTOPIC APPROACH TO UNDERSTANDING NORSE CATTLE HUSBANDRY PRACTICES IN THE WESTERN ISLES OF SCOTLAND**  
Griffith, Jacob (Vrije Universiteit Brussel - VUB) - Mulville, Jacqui (Cardiff University)
- 17:00 A DOG'S PURPOSE: INTEGRATING ZOOARCHAEOLOGICAL STUDIES AND ADNA ANALYSIS TO ESTABLISH POSSIBLE RELATIONS BETWEEN FUNCTIONS AND CHARACTERIZATION OF DOGS IN ANDALUSIA**  
Lupiáñez Corpas, Natividad (Conservation and Evolutionary Genetics Group. Estación Biológica de Doñana - EBD-CSIC) - García Viñas, Esteban (Laboratorio de Paleontología y Paleobiología. Instituto Andaluz del Patrimonio Histórico - IAPH) - Villalón Torres, David (Sistemas de Información. Instituto Andaluz del Patrimo-

nio Histórico - IAPH) - Cornellas, Anna (Conservation and Evolutionary Genetics Group. Estación Biológica de Doñana - EBD-CSIC) - Bernáldez Sánchez, Eloísa (Laboratorio de Paleontología y Paleobiología. Instituto Andaluz del Patrimonio Histórico - IAPH) - Leonard, Jennifer (Conservation and Evolutionary Genetics Group. Estación Biológica de Doñana - EBD-CSIC)

- 17:15 BURROWING INTO THE BIO-CULTURAL HISTORY OF RABBITS**  
Doherty, Sean - Ameen, Carly (University of Exeter) - Alves, Joel - Granja Martins, Sofia - Larson, Greger (University of Oxford) - Sykes, Naomi (University of Exeter)
- 17:30 ANIMAL LIFE HISTORIES: BIOCHEMICAL ANALYSES AS PROXIES FOR DIET AND MOBILITY AMONG DOGS AND CAMELIDS IN NORTHERN ARID PERU**  
Alaica, Aleksa (University of Toronto) - Gonzalez La Rosa, Luis Manuel (Archaeology Centre, University of Toronto) - Knudson, Kelly (Arizona State University)
- 17:45 AN OSTEOBIOGRAPHY OF CHOPPERS THE 'PG TIPS CHIMP'**  
Davis, Olivia (Department of Archaeology, University of Exeter) - Capponi, Giovanna (Department of Department of Life Sciences, University of Roehampton) - Chidimuro, Blessing (Department of Archaeology, University of Reading) - Cooper, David (National Museums Scotland) - Thomas, Virginia (Department of Sociology, Philosophy and Anthropology, University of Exeter) - Dobbs, Phillipa (Twycross Zoo) - Doherty, Sean (Department of Archaeology, University of Exeter)
- 18:00 DISCUSSION SLOT**

## 542 EUROPE'S MEDIEVAL PASTS: A MANIFESTO

Time: 16:30 - 18:30 CEST, 10 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Round tableco-organisers to be provided

Organisers: Driscoll, Stephen (University of Glasgow) - Citter, Carlo (University of Sienna) - WOUTERS, Barbra (Vrije Universiteit Brussel) - Seppänen, Liisa (University of Turku)



### ABSTRACTS

This roundtable session offers an opportunity to reflect on and critically evaluate the MERC Manifesto. These discussions will explore how we may deliver the aspirations it embodies. The Manifesto of the Medieval Europe Research Community seeks to awaken appreciation of the rich cultural resources embodied in our understanding of the medieval past. There is an urgent need to understand the foundations of contemporary Europe in order to help shape its future. Our vision promotes opportunities provided by archaeology to explore and to engage with the past, and to care for it and enjoy our shared European heritage. Perspectives grounded in the material remains of the past allow us to embrace cultural diversity over national exceptionalism. Experiencing archaeology enables and encourages us to be in dialogue with the past and through this immediacy, its local stories of global resonance. This Manifesto addresses our political responsibility as European archaeologists as set out in the 2019 EAA Bern Statement: Archaeology and the Future of Democracy (<https://www.e-a-a.org/BernStatement>). Our manifesto asserts that engagement with medieval archaeology is a matter of European importance.

The Manifesto is intended to build consciousness and inspire action. If you are interested in using it, you are warmly welcome to participate in these discussions. It can be downloaded at: [www.mercmanifesto.org](http://www.mercmanifesto.org).

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## 545 SOUTHEASTERN EUROPE IN 5TH AND 4TH CENTURY BC - INDIGENOUS COMMUNITIES IN CLASSICAL WORLD

Time: 9:00 - 12:00 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology; Center for Prehistoric Research) - Pravidur, Andrijana (National Museum of Bosnia and Herzegovina in Sarajevo)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 CULTURAL MOSAICS: ARCHAEOLOGICAL VIEW ON THE CULTURAL INTERACTIONS ON THE WESTERN BLACK SEA COAST  
Nikolova, Veronika (Independent researcher)
- 9:30 GREEK EMPORION TO THRACIAN TOWN: DE-COLONISING PISTIROS AND RE-ASSESSING THRACIAN-GREEK RELATIONS AT ADZHIISKA VODENITSA NEAR VETREN, BULGARIA  
Dimova, Bela (British School at Athens)
- 9:45 MEMORY OR FORGETTING? - INDIGENOUS ELITES OF NORTHERN MACEDONIA AND THE THERMAIC GULF IN THE EARLY CLASSICAL PERIOD  
Heilmann, Daniela (LMU Munich)
- 10:00 DISCUSSION SLOT
- 10:15 IRON AGE SANCTUARY IN GORICA NEAR GRUDE (BOSNIA AND HERZEGOVINA)  
Pravidur, Andrijana (National Museum of Bosnia and Herzegovina, Sarajevo)
- 10:30 IRON AGE LANDSCAPES OF SOUTHERN ADRIATIC - NECROPOLIS OF ZAKOTORAC  
Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology)
- 10:45 FOUND IN TRANSITION: THE COLAPIANS - THE IRON AGE PEOPLE IN BELA KRAJINA, SLOVENIA  
Grahek, Lucija (Institute of Archaeology, ZRC SAZU)
- 11:00 DISCUSSION SLOT

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## 547 DOWN BY THE RIVER - EVIDENCE OF MATERIAL CULTURE FOR PREHISTORIC WATERBORNE COMMUNICATION ALONG EUROPEAN RIVERS, LAKES AND COASTAL WATERS

Time: 9:00 - 12:30 CEST, 10 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Luebke, Harald (ZBSA - Centre for Baltic and Scandinavian Archaeology) - Bockius, Ronald (RGZM - Leibniz-Forschungsinstitut für Archäologie) - Erič, Miran (ZVKDS - Institute for the protection of Cultural Heritage of Slovenia)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 SHIP TECHNICAL CONSIDERATIONS ON MESOLITHIC AND NEOLITHIC BOAT BUILDING IN CENTRAL & NORTHERN EUROPE  
Bockius, Ronald (Roemisch-Germanisches Zentralmuseum; Leibniz-Zentrum fuer Archaeologie)

- 9:30 MYTH BUSTING: THE ANTLER FROM HUSUM (GERMANY) AND ITS INTERPRETATION AS EARLY EVIDENCE OF FRAME BOAT BUILDING IN LATEGLACIAL EUROPE  
Wild, Markus (Cluster of Excellence ROOTS; University of Kiel; UMR 7041 ArScAn - Ethnologie préhistorique) - Jensen, Theis (Section for Evolutionary Genomics, Department of Biology, University of Copenhagen) - Hartz, Sönke (-) - Lübke, Harald (Centre for Baltic and Scandinavian Archaeology - ZBSA)
- 9:45 WATERBORNE EXCHANGE IN CIRCUM-ALPINE NETWORKS: INSIGHTS INTO A NEOLITHIC PILE DWELLING AT IMMENSEE/KÜSSNACHT, CANTON SCHWYZ  
Ries, Marie-Claire (Office for Urbanism, Underwater Archaeology and Laboratory for Dendrochronology Zurich)
- 10:00 THE PREHISTORIC PASTORALISTS OF RUSSIAN FOREST-STEPPE/STEPPE AND THE WATER TRANSPORT: HOW, WHEN AND FOR WHAT?  
Kashina, Ekaterina - Gak, Evgeniy (State Historical Museum, Department of Archaeology) - Okorokov, Aleksandr (Russian Heritage Institute) - Shutikhin, Aleksandr (Independent researcher)
- 10:15 DISCUSSION SLOT
- 10:30 WATERCRAFT AND WATERBORNE COMMUNICATION BETWEEN BRONZE AGE COMMUNITIES ON THE GREAT HUNGARIAN PLAIN. ARCHAEOLOGICAL AND ENVIRONMENTAL DATA  
Bodnár, Csaba (Eötvös Loránd University, Budapest; Museum of Fine Arts, Budapest)
- 10:45 DUGOUTS FOUND IN THE KUPA RIVER IN SISAK, CROATIA  
Škrkulja, Rosana (City Museum of Sisak)
- 11:00 DUGOUT BOATS IN IRELAND - THE EVIDENCE AND RELEVANCE OF TECHNIQUES OF PROPULSION  
Gregory, Niall (Gregory Archaeology; IAI - Institute of Archaeologists of Ireland; EWA - Early Watercraft - A global perspective of invention and development)
- 11:15 WHAT WERE IT USED FOR AND HOW DID IT GET THERE. TWO WRECKS FROM BAVARIA, GERMANY  
Weski, Timm (retired)
- 11:30 DISCUSSION SLOT

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## 548 TRACING THE PAST, CHARTING THE FUTURE: EXPLORING ARCHAEOLOGICAL RESEARCH COLLABORATION BETWEEN THE AMERICAS AND EUROPE

Time: 16:30 - 18:30 CEST, 10 September 2021

Theme: 4. Globalisation and archaeology

Format: Discussion session

Organisers: Saintenoy, Thibault (Université des Antilles) - Lazzari, Marisa (University of Exeter) - Hattori, Marcia (Incipit-CSiC) - Gomes Coelho, Rui (Durham university) - Geurds, Alexander (Leiden University)

Session related to the EAA Community for the Archaeology of the Americas (EAA4Am).

### ABSTRACTS

- 16:30 EL INSTITUTO FRANCES DE ESTUDIOS ANDINOS: A FRENCH RESEARCH PLATFORM ABROAD, AND/OR AN ANDEAN ACADEMIC PLACE?  
Saintenoy, Thibault (Université des Antilles) - Lara, Catherine (Instituto Frances de Estudios Andinos - UMI-FRE 17 MEAE/CNRS)
- 16:45 FRENCH MISSIONS AND BRAZILIAN ARCHAEOLOGY  
Hattori, Márcia (Institute of Heritage Sciences - Incipit)
- 17:00 STORIES FROM CALCHAQUÍ (NW ARGENTINA): CIRCULATION, ASYMMETRIES, AND ALTERNATIVE PATHWAYS  
Lazzari, Marisa (University of Exeter) - Scattolin, Maria (Instituto de las Culturas- Universidad de Buenos Aires & CONICET; Universidad Nacional de La Plata)

17:15 ORIGINS AND EARLY EVOLUTION OF THE INTERNATIONAL CONGRESS OF AMERICANISTS  
Ziółkowski, Mariusz (Centre of Andean Studies, University of Warsaw)

17:30 DISCUSSION SLOT

## 681 MEDITERRANEAN ARCHAEOLOGY: FROM INTERCONNECTED PATCHWORKS TO OVERARCHING INTER- AND TRANSDISCIPLINARY FRAMEWORKS

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Discussion session

Organisers: Peters, Manuel J.H. (Department of Applied Science and Technology, Politecnico di Torino; HERCULES Laboratory, Universidade de Évora) - Fundurulic, Ana (Sapienza University of Rome, Italy; HERCULES Laboratory, Universidade de Évora) - Bhattacharya, Sriradha (Université Bordeaux Montaigne; HERCULES Laboratory, Universidade de Évora)

### ABSTRACTS

9:00 INTRODUCTION

9:15 INTER- AND TRANSDISCIPLINARY RESEARCH IN THE MEDITERRANEAN: RECOGNISING THE POTENTIAL AND THE OBSTACLES

Peters, Manuel J.H. (Department of Applied Science and Technology, Politecnico di Torino; Department of History, Universidade de Évora; HERCULES Laboratory, Universidade de Évora)

9:30 MICROORGANISMS AND MOONMILK IN THE CAVES FROM THE VÉZÈRE VALLEY (DORDOGNE, FRANCE)

Bhattacharya, Sriradha (IRAMAT-CRP2A ArchéoMATériaux Research, UMR 5060 CNRS - University of Bordeaux M; HERCULES Laboratório, Universidade de Évora) - Caldeira, Ana Teresa (HERCULES Laboratório, Universidade de Évora; Department of Chemistry, School of Science and Technology) - Chapoulie, Rémy (IRAMAT-CRP2A UMR 5060—CNRS-Université Bordeaux Montaigne, Maison de l'archéologie) - Ferrier, Catherine (PACEA UMR 5199—CNRS-Université de Bordeaux) - Mirao, José (HERCULES Laboratório, Universidade de Évora; Department of Geosciences, School of Science and Technology) - Lacanette, Delphine (I2M UMR 5295—Bordeaux INP) - Bassel, Léna (PACEA UMR 5199—CNRS-Université de Bordeaux) - Salvador, Catia (HERCULES Laboratório, Universidade de Évora)

9:45 IMPORTANCE OF LOOKING IN THE SAME POT

Fundurulic, Ana (Sapienza University of Rome)

10:00 ORGANIC RESIDUE ANALYSIS AND THE ARCHAEOLOGICAL STUDY OF ROMAN AMPHORAE: EARLY ROMAN AFRICAN AMPHORAE AS A CASE STUDY

Pecci, Alessandra (ERAAUB, Universitat de Barcelona) - Contino, Alessia (Ministero dei beni e attività culturali e del turismo del Lazio) - Mileto, Simona (ERAAUB, Universitat de Barcelona) - Capelli, Claudio (Università di Genova) - Toniolo, Luana (Parco Archeologico di Pompei) - Reynolds, Paul (ERAAUB, Universitat de Barcelona; ICREA)

10:15 DISCUSSION SLOT

11:00 WHEN DIFFERENT DISCIPLINES USE THE SAME WORDS

Alliata, Victoria (CRC 1266: Scales of Transformation Kiel)

11:15 THE ANALYSIS OF ROMAN CENTURIATION AS A MEAN FOR THE INTERCONNECTION OF MEDITERRANEAN ARCHAEOLOGICAL RESEARCH THROUGH INTERDISCIPLINARY APPROACH

Ortega, Maria Jesús (Catalan Institute of Classical Archaeology) - Palet, Josep Maria (Catalan Institute of Classical Archaeology) - Orengo, Hèctor (Catalan Institute of Classical Archaeology)

11:30 DISCUSSION SLOT

## 688 SOCIETY FACING CHANGES. REGIONS ON THE SOUTHWEST BALTIC BETWEEN 2500 - 1500 BC

Time: 9:00 - 13:00 CEST, 10 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Czebreszuk, Janusz (Adam Mickiewicz University in Poznań) - Müller, Johannes (Christian-Albrecht-Universität zu Kiel) - Szmyt, Marzena (Adam Mickiewicz University in Poznań; Museum of Archaeology in Poznań)

### ABSTRACTS

9:00 INTRODUCTION

9:15 LANDSCAPE TRANSFORMATIONS FROM THE NEOLITHIC TO THE BRONZE AGE IN GREATER POLAND INDICATION CHANGES IN SETTLEMENT PATTERNS

Doerfler, Walter (Institut fuer Ur- und Fruehgeschichte Kiel) - Hildebrandt-Radke, Iwona - Rzodkiewicz, Monika (Institute of Geoecology and Geoinformation, Adam Mickiewicz University)

9:30 THE BRUSZCZEWO MICROREGION REVISITED: GEOARCHAEOLOGICAL PROJECT OF BRUSZCZEWO LAKE. FIRST RESULTS AND THEIR IMPACT ON THE ARCHAEOLOGICAL STATE OF KNOWLEDGE

Niebieszczanski, Jakub (Adam Mickiewicz University in Poznań)

9:45 DISCUSSION SLOT

10:00 SPATIAL-COMPARATIVE ANALYSIS OF ARCHEOLOGICAL SITES FROM LATE NEOLITHIC AND EARLY BRONZE AGE IN NORTH-WESTERN POLAND

Lawniczak, Marcin (Adam Mickiewicz University in Poznan)

10:15 THE NEOLITHIC TO THE BRONZE AGE TRANSITION IN THE SOUTHWEST BALTIC AREA IN THE LIGHT OF MATERIAL CULTURE STUDIES

Teska, Sebastian (Adam Mickiewicz University)

10:30 KEEPING UP WITH THE TIMES. TYPOLOGY OF YOUNG NEOLITHIC TO EARLY BRONZE AGE CERAMIC VESSELS IN THE SOUTHWEST BALTIC AREA

Pfeiffer, Annalena - Raese, Hendrik (Institute of Pre- and Protohistoric Archaeology, Kiel University)

10:45 DISCUSSION SLOT

11:00 ANIMALS AS THE BASE OF SUBSISTENCE STRATEGIES OF ÚNĚTICE CULTURE IN THE CONTEXT OF ZOOARCHAEOLOGICAL DATA FROM CENTRAL EUROPE

Makowiecki, Daniel - Krajcarz, Magdalena - Osipowicz, Grzegorz (Institute of Archaeology, Nicolaus Copernicus University in Torun)

11:15 MACRO-LITHIC TOOLS IN METALLURGICAL WORK PROCESSES: THE CASE STUDY OF BRUSZCZEWO 5 (POLAND)

Delgado-Raack, Selina (Universitat Autònoma de Barcelona) - Kneisel, Jutta (Christian Albrechts Universität Kiel) - Escanilla, Nicolau (Universitat Autònoma de Barcelona)

11:30 POTTERY WITH TEXTILE PRINTS FROM THE EARLY BRONZE AGE DEFENSIVE SETTLEMENT IN BRUSZCZEWO IN THE LIGHT OF THE LATEST RESEARCH

Czebreszuk, Janusz (Adam Mickiewicz University of Poznań) - Podkańska, Małgorzata (Independent Researcher) - Schaefer-Di Maida, Stefanie - Müller, Johannes - Kneisel, Jutta (Christian-Albrechts-Universität zu Kiel) - Szmyt, Marzena - Jaeger, Mateusz (Adam Mickiewicz University of Poznań)

11:45 DISCUSSION SLOT

12:00 CHRONOLOGY OF THE LATE NEOLITHIC AND THE EARLY BRONZE AGE IN THE LOWER ODER REGION

Matuszewska, Agnieszka (University of Szczecin) - Krzysztof, Kowalski - Kozłowska, Dorota (National Museum of Szczecin)

- 12:15 **ABSOLUTE CHRONOLOGY OF THE CEMETERY IN ŁĘKI MAŁE IN THE LIGHT OF NEW RADIOCARBON DATING**  
Goslar, Tomasz (Poznanskie Laboratorium Radiowęglowe; Adam Mickiewicz University in Poznań) - Czebreszuk, Janusz (Adam Mickiewicz University in Poznań) - Müller, Johannes (Christian-Albrechts-Universität zu Kiel) - Szmyt, Marzena (Adam Mickiewicz University in Poznań; Archaeological Museum in Poznań)
- 12:30 **THE SOUTH-WEST BALTIC AREA BETWEEN 2500 1500 BC: WHY DID THE BRUSZCZEWO-ŁĘKI MAŁE TYPE OF POWER STRUCTURES APPEAR?**  
Czebreszuk, Janusz (University of Adam Mickiewicz in Poznań) - Müller, Johannes (Christian-Albrechts-Universität zu Kiel)
- 12:45 **DISCUSSION SLOT**

## SATURDAY 11 SEPTEMBER

### KEYNOTE LECTURES (13:00; 18:45 CEST)

- Eleanor Scerri: New Perspectives on the evolution of Homo sapiens
- Mads Kähler Holst: Building collections

| 9:00 - 11:00   | 11:00 - 13:00  | 14:30 - 16:30  | 16:30 - 18:30 CEST   |
|--|--|--|--|
| <b>149.</b> Bioarchaeology of Health, Lifestyle and Social Change in the Later Middle Ages   |  | <b>265.</b> Sweet and Sour: Successes and Challenges of Collaboration in Enhancing Resilience and Sustainable Management in Archaeology [Public Archaeology] |  |
| <b>180.</b> Protecting Archaeological Heritage in the Globalisation Era: Trends, Challenges, Solutions [Illicit Trade]               |  | <b>86.</b> Islamic Archaeology in Europe and Beyond: Widening Horizons, Blurring Boundaries. Part 2  |  |
| <b>228.</b> Agricultural Change and Social Inequality: Approaching Complexity  |  |  |  |
| <b>297.</b> Modelling Complexity: Past Interactions between People, Climate and Environment [PaM]                                    |  |  | <b>342.</b> IMPR - Microscopy Session: Phytoliths in Soil Thin Sections  |
| <b>298.</b> The Long Fourth Century BC: Tracing the Transformation of Southern Italy in Its Mediterranean Context                    |  |  | <b>402.</b> Climate and Environmental Change in the Nile Valley  |
|  | <b>313.</b> Earth, Water and Fire: Approaching Living Habitat and Community Landscape Management |  | <b>467.</b> The Future is Now: Sustainable Approaches to Post-Pandemic Understanding and Management of Cultural Heritage |
| <b>344.</b> How Many People? Archaeological Approaches to the Study of Past Demography   |  | <b>115.</b> 1200 BC from the Atlantic to Asia: Social Collapse and Resilience in Regional Perspective. Part 2  |  |
| <b>352.</b> Empowering the Voiceless. The Role of the Rural Population in State Building and Christianisation in East-Central Europe |  | <b>167.</b> Dirty Heritage: Towards an Archaeology of Consumption, Waste and Environmental Change  |  |
| <b>362.</b> Mounds and Monumentality in Broader Perspectives: Digital and Non-Digital Techniques to Explore Past Barrow Landscapes   |  | <b>213.</b> Routed Archaeology II - Archaeological Routes and New Technologies   |  |
| <b>383.</b> Social Transformations in Ancient Cyprus   |  |  |  |
| <b>395.</b> Who Were the First Potters? Current Research in Early Pottery Production in Western Eurasia. Part 2                      |  | <b>236.</b> Representation matters – Diversity in Visual Representations of the Past   |  |

| 9:00 - 11:00   | 11:00 - 13:00   | 14:30 - 16:30   | 16:30 - 18:30 CEST |
|--|---|---|--------------------|
| 427. Island Sustainability and Resilience in Europe: Archaeological, Palaeoecological and Historical Approaches  |   |   |                    |
| 442. Misuse of the Medieval in the Early 21st Century  | 206. Lithic Raw Materials in Prehistory: Methods, Practice and Theory. Part 2   |   |                    |
| 452. European Crypt Burials II - A Heritage (Still) at Risk between Science and Public Display   | 231. Embracing Change: New Insights and Theories on the Changing "European Worlds" from the 3rd and 2nd Millennium BC |   |                    |
| 462. Assessing the Impact of Major Climatic and/or Environmental Events on Human Culture and Subsistence   |   |   |                    |
| 495. Covid 19: Assessing the Impact and Planning for a Different Future for Archaeological Heritage Tourism  |   | 238. Human Visual Archives, Globally. Materials, Forms and Meanings of Human Representations in Ancient Times |                    |
| 501. Widening the Horizons of Archaeological Metalworking Studies - Archaeometallurgy@EAA, Part 2  |   |   |                    |
| 504. News from the Bronze Age – Scaling Dynamics and Narratives  |   |   |                    |
| 523. Settlements out of Nowhere – Theory and Practise of Detecting Settlements by Means of Combined Aerial Archaeology, Geophysics, Predictive Modelling |   | 315. Conflict Escalation and De-escalation in Urbanity  |                    |
| 685. Between East and West. Material Studies of Social Interactions in 3rd Millennium BC on the Northern European Plains                                 | 319. IMPR - Phytoliths in Geoarchaeology and Micromorphology  |   |                    |
|  | 441. The Archaeology of Coastal Communities   |   |                    |

| 9:00 - 11:00 | 11:00 - 13:00   | 14:30 - 16:30   | 16:30 - 18:30 CEST |
|--------------|---|---|--------------------|
|              | 533. Bioarchaeological Approaches towards Understanding the Impact of Different Forms of Crises on Human Lifeways |   |                    |
|              | 537. Human-Environment Interaction in Northern Eurasia from Micro- to Macro-Regional Level                        |   |                    |
|              |   | 350. Keeping Apart and Coming Together: Mobility Restrictions and Confinement as Health Practices in a Longue Durée Perspective |                    |
|              |   | 375. Archaeology, Language and Landscape  |                    |
|              |   | 382. From the Field to the Computer. The Validity of Quantitative Methods Regarding the Quality of Archaeological Data          |                    |
|              |   | 490. Universal Design or How to Guarantee Access to All on Archaeological Sites and Parks                                       |                    |
|              |   | 524. Medieval Globalisation: Local Manifestations of Global Connections   |                    |
|              |   | 528. Shifting the Focus: Mountains as Central Places in (Pre-)History   |                    |
|              |   | 544. Archaeology Tourism and Sustainability   |                    |



## 86 ISLAMIC ARCHAEOLOGY IN EUROPE AND BEYOND: WIDENING HORIZONS, BLURRING BOUNDARIES. PART 2

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Shingiray, Irina (University of Oxford) - Koval, Vladimir - Belyaev, Leonid (Institute of Archaeology, Russian Academy of Sciences, Moscow) - Govantes-Edwards, David (Newcastle University) - Carvajal Lopez, Jose (University of Leicester)



### ABSTRACTS

- 14:30 **NOMADIC BURIALS, WAVES OF SOVEREIGNTY, AND ISLAM IN THE MEDIEVAL NORTH CASPIAN WORLD (LATE 9TH-14TH CENTURY)**  
Shingiray, Irina (University of Oxford) - Panteleev, Sergei (Institute of Archaeology, Acad. of Sciences of Rep. Tatarstan, Kazan)
- 14:45 **NISHAPUR WITHIN THE EAST-WEST EXCHANGE NETWORKS OF THE ISLAMIC WORLD**  
Lorzadeh, Zahra (Independent Researcher) - Laleh, Haeedeh (University of Tehran, Department of Archaeology)
- 15:00 **THE ABBASID NORTH ATLANTIC**  
Ó Riagáin, Russell (Independent Scholar)
- 15:15 **MUSLIMS IN MEDIEVAL RUSSIA: ELUSIVE TRACES**  
Koval, Vladimir (Institute of Archaeology RAS)
- 15:30 **ISLAMIC IMPORTS FROM THE EXCAVATIONS OF PERESLAVL (PEREYASLAVL) - ZALESSKY, RUSSIA**  
Zeyfer, Vladimir (Institute of Archaeology Russian Academy of Sciences)
- 15:45 **THE CHEMICAL COMPOSITION OF ISLAMIC GLASS IN THE CITIES OF VOLGA BULGARIA IN THE 10-14TH CENTURIES**  
Valiulina, Svetlana (Kazan Federal University) - Govantes-Edwards, David - Duckworth, Chloe (School of History, Classics and Archaeology - Newcastle University) - Koval, Vladimir (Institute of Archeology RAS, Moscow)
- 16:00 **DISCUSSION SLOT**
- 16:30 **BETWEEN WEST AND EAST: FORTIFICATION OF THE NORTH BLACK SEA AREA IN XIV-XV CENT.**  
Biliaieva, Svitlana (Institute of Archaeology of National Academy of sciences of Ukraine)
- 16:45 **ISLAMIC ELEMENTS IN MOSCOW GRAVESTONES OF THE 16TH AND 17TH CENTURIES**  
Belyaev, Leonid (Institute of Archaeology Russian Academy of Sciences)
- 17:00 **CERAMIC PRODUCTION AND CONSUMPTION IN CYPRUS DURING THE OTTOMAN PERIOD: LOCAL TRADITIONS IN THE MEDITERRANEAN EXCHANGE NETWORK**  
Živkovic, Jelena (The Cyprus Institute)
- 17:15 **PAST REMAINING SPACES, CONTEMPORARY SOCIAL BEHAVIOR: THE CONTINUITY OF SOCIAL BEHAVIOR ACCORDING TO LATE ISLAMIC ARCHAEOLOGICAL EVIDENCE IN YAZD, IRAN**  
Azizi, Hamid (Archaeology, University of Tehran)
- 17:30 **THE FATE OF THE CHURCHES IN THE OTTOMAN HUNGARY**  
Mordovin, Maxim (Eötvös Loránd University)
- 17:45 **ISLAMIC EFFECTS IN CHRISTIAN COMMUNITIES IN EUROPE AND THE BALKANS**  
Zear, Asem - Shipoli, Elza (Pázmány Péter Catholic University)
- 18:00 **DISCUSSION SLOT**

## 115 1200 BC FROM THE ATLANTIC TO ASIA: SOCIAL COLLAPSE AND RESILIENCE IN REGIONAL PERSPECTIVE. PART 2

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Regular session

Organisers: Molloy, Barry (University College Dublin) - Vandkilde, Helle (Aarhus University) - Yasur-Landau, Assaf (University of Haifa) - Orfanou, Vana (University College Dublin)

### ABSTRACTS

- 14:30 **THE CULMINATION AND DECLINE OF MONUMENTAL ARCHITECTURE DURING THE NORDIC EARLY BRONZE AGE (1500-1200 BC) IN JUTLAND, DENMARK**  
Egelund Poulsen, Martin (Museet Sønderkov)
- 14:45 **SETTLEMENT, ECONOMY AND SOCIETY IN LATE BRONZE AGE EASTERN HUNGARY: THE START OF A NEW RESEARCH PROJECT**  
Szeverenyi, Vajk - Priskin, Annamária (Déri Múzeum, Debrecen) - Czukor, Péter (Móra Ferenc Múzeum, Szeged) - Szalontai, Csaba (Hungarian National Museum, Archaeological Heritage Protection, Budapest)
- 15:00 **A NEW PLAYER IN 13TH C. BC OF SOUTHEAST AND MEDITERRANEAN EUROPE? THE TISZA SITE GROUP IN ITS REGIONAL CONTEXT**  
Bruyere, Caroline (University College Dublin) - Jovanović, Dragan (City Museum of Vršac) - Molloy, Barry (University College Dublin)
- 15:15 **CONTINUITIES AND DISCONTINUITIES IN LUXURY GOODS: THE CASE OF GLASS IN POST-PALATIAL MYCENAEAN GREECE**  
Nikita, Kalliopi (Ephorate of Antiquities of East Attica)
- 15:30 **MORS TUA VITA MEA? NURAGIC'S RESILIENCE STRATEGY AFTER THE 1200 BC COLLAPSE OF METAL-TRADING NETWORKS**  
Matta, Valentina - Vandkilde, Helle (Aarhus University)
- 15:45 **BRONZE AGE SETTLEMENT DYNAMICS IN THE NORTH-EASTERN PO VALLEY (ITALY). THE CHRONOLOGICAL AND CULTURAL BACKGROUND OF A 1200BC RESISTANCE PHENOMENON**  
Dalla Longa, Elisa (Dipartimento dei Beni Culturali, Università di Padova)
- 16:00 **THE TERRAMARE CRISIS BETWEEN COLLAPSE AND RESILIENCE. PARALLEL BUT DIFFERENT HISTORIES AT NORTH AND AT SOUTH OF THE PO RIVER**  
Cupitò, Michele - Vicenzutto, Daivid (dBC - Università di Padova)
- 16:15 **DISCUSSION SLOT**
- 16:30 **NOT ONLY TERRAMARE. THE 12TH CENTURY BC CRISIS AMONG THE THE PILE-DWELLINGS OF THE EASTERN SHORE OF LAKE GARDA**  
Albertini, Ilaria - Cupitò, Michele - Vicenzutto, David (dBC - Università di Padova)
- 16:45 **COMPARATIVE TRENDS OF ITALIAN SOCIETIES BETWEEN 1300 AND 1100 BCE**  
Vanzetti, Alessandro - Palazzini, Flavia - Pizzuti, Elisa (University of Rome "La Sapienza")
- 17:00 **TAKING THE PULSE OF BIOMOLECULAR AND BIOARCHAEOLOGICAL INSIGHTS INTO MOBILITY AND CHANGE CA. 1200 BC IN SOUTHEASTERN EUROPE**  
Molloy, Barry (University College Dublin) - Fibiger, Linda (University of Edinburgh) - Michael, Dimitra (University College Dublin) - Nafplioti, Argyro (Ancient DNA Lab, Institute of Molecular Biology & Biotechnology - IMBB; Foundation for Research & Technology - Hellas - FORTH)
- 17:15 **RETHINKING THE "CRISIS YEARS" IN THE SOUTHERN LEVANT: CANAANITES, PHILISTINES, CONTINUITY AND CONNECTIVITY CA. 1250-1050 BCE**  
Yasur-Landau, Assaf (University of Haifa)

- 17:30 **FROM COLLAPSE TO CREATIVE DESTRUCTION IN THE LATE BRONZE AGE SOUTHERN EUROPE AND THE EASTERN MEDITERRANEAN**  
Orfanou, Vana (University College Dublin)
- 17:45 **DISCUSSION SLOT**
- 18:00 **DISCUSSION SLOT**  
Eric Cline

## 149 **BIOARCHAEOLOGY OF HEALTH, LIFESTYLE AND SOCIAL CHANGE IN THE LATER MIDDLE AGES**

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Robb, John (University of Cambridge) - Knüsel, Christopher (Université de Bordeaux)



### ABSTRACTS

- 9:00 **MUSLIMS UNDER CHRISTIAN RULE THROUGH THE ISLAMIC POPULATION OF VALL D'UIXÓ (CASTELLÓN, SPAIN)**  
Olivé-Busom, Júlia (Autonomous University of Barcelona) - Márquez-Grant, Nicholas (Cranfield Forensic Institute, Cranfield University) - López-Costas, Olalla (Group EcoPast (GI-1553), Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Facultad de Medicina, Universidad de Granada) - Kirchner, Helena (Autonomous University of Barcelona)
- 9:15 **LIVING AND WORKING IN AL-ANDALUS: AN OSTEOLOGICAL COMPARISON OF RURAL AND URBAN POPULATIONS FROM ISLAMIC SPAIN (11TH -15TH C. AD)**  
Charisi, Drosia (Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - Laffranchi, Zita (Department of Prehistory and Archaeology, Faculty of Philosophy and Literature, University of Granada; Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Milella, Marco (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Jiménez-Brobeil, Sylvia (Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada)
- 9:30 **INFANT STRESS, MORBIDITY, AND AGE-AT-DEATH IN THREE RURAL AND SEMI-RURAL PORTUGUESE MEDIEVAL NECROPOLISES (COIMBRA, SOURE, AND LEIRIA)**  
de Carvalho, Liliانا (Research Center of Anthropology and Health, University of Coimbra) - Wasterlain, Sofia (Research Center of Anthropology and Health, University of Coimbra; Centre for Functional Ecology, University of Coimbra)
- 9:45 **VIOLENCE, REPRODUCTION, AND SOCIAL MAINTENANCE IN THE LA ARRIXACA SUBURB IN THE 11TH-12TH CENTURIES**  
Haber, María (Dpto. Preh., Arq., H. Antigua, H. Medieval y CCyTT Historiograficas. Univ.Murcia) - Marín, Javier (Professional archaeologist)
- 10:00 **SKELETAL REMAINS AS TRACERS OF MEDIEVAL CHILDHOOD IN NW SPAIN**  
Mangas-Carrasco, Elvira (Group EcoPast - GI-1553, Area of Archaeology, Dpt of History, Universidade de Santiago de Compostela) - López-Costas, Olalla (Group EcoPast - GI-1553, Area of Archaeology, Dpt of History, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada)
- 10:15 **DIETARY PATTERNS IN THE LATE MEDIEVAL CHURCH OF SANTA MARÍA DE PONTEVEDRA (NW SPAIN) EXPLORED THROUGH ORAL PATHOLOGY**  
Veiga-Rilo, Clara (EcoPast - GI 1553, Universidade de Santiago de Compostela) - López-Costas, Olalla (Group EcoPast - GI-1553, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stock-

holm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada)

- 10:30 **A MULTIDISCIPLINARY APPROACH TO RECONSTRUCTING THE LIVED-EXPERIENCE OF MEDIEVAL ENGLISH SUFFERERS OF HANSEN'S DISEASE AND 'LEPROSY'**  
Blom, Alette (University of Cambridge) - Inskip, Sarah (University of Leicester)
- 10:45 **EARLY MEDIEVAL BUDEČ MASS GRAVE FROM THE BIOARCHAEOLOGICAL PERSPECTIVE**  
Vondrová, Hana - Štefan, Ivo (Department of Archaeology, Faculty of Arts, Charles University in Prague) - Drtikolová Kaupová, Sylva (Department of Anthropology, National Museum, Prague) - Fialová, Dana - Brzobohatá, Kristýna - Drozdová, Eva (Department of Experimental Biology, Faculty of Science, Masaryk University)
- 11:00 **WHO WERE THE FIRST COPENHAGENERS? AN INTERDISCIPLINARY INVESTIGATION OF BURIALS FROM TWO MEDIEVAL CHURCHYARDS FROM COPENHAGEN, DENMARK**  
Dahlström, Hanna (Museum of Copenhagen) - Jørkov, Marie-Louise (Retsmedicinskt Institut, Copenhagen University) - Newell, Elizabeth (Department of Biological and Environmental Sciences School of Sciences Elizabethtown College) - Schroeder, Hannes (Globe Institute, Copenhagen University)
- 11:15 **ADVANCED DEGENERATIVE JOINT DISEASE AS A DISABILITY IN THE 14TH-18TH CENTURY IN ŁEKNO, POLAND**  
Matczak, Magdalena Domicela (University of Liverpool) - Buikstra, Jane (Arizona State University) - Pearson, Jessica (University of Liverpool) - Wyrwa, Andrzej - Krenz-Niedbała, Marta (Adam Mickiewicz University)
- 11:30 **ORGANIC RESIDUE ANALYSIS AND STABLE ISOTOPE PROXIES AS TOOLS FOR EXAMINING DIETARY PATTERNS AT MEDIEVAL STRONGHOLDS OF EASTERN EUROPE**  
Brown, Sophie (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Rusteikyte, Aukse (History Faculty, Archaeology Department, Vilnius University) - Tabaka, Arkadiusz (Ostrów Lednicki, Museum of the First Piasts, Lednica) - Klimowicz, Patrycja - Krystofiak, Teresa - Miciak, Magda (Giecz, Branch of Museum of the First Piasts) - Antowska-Gorączniak, Olga - Danielewski, Marcin (Faculty of Archaeology, Adam Mickiewicz University, Poznań) - Wrzesiński, Jacek (Archaeological Reserve of the Grzybowo, Museum of the First Piasts, Lednica) - Evershed, Richard (Organic Geochemistry Unit, School of Chemistry, University of Bristol)
- 11:45 **SOCIAL DIETARY PRACTICES WITH BIOMOLECULAR ARCHAEOLOGY: MULTIPROXY ANALYSIS OF CONVERSION PERIOD CEMETERY AT KUKRUSE, NE-ESTONIA**  
Oras, Ester (University of Tartu, Department Of Archaeology; University of Tartu, Chair Of Analytical Chemistry) - Scheib, Christiana (University of Tartu, Institute of Genomics) - Hendy, Jessica (University of York, Department of Archaeology) - Törv, Mari - Malve, Martin (University of Tartu, Department Of Archaeology)
- 12:00 **FACING THE BLACK DEATH: THE CASE OF THE PLAGUE CEMETERY AT 16, RUE DES TRENTE-SIX PONTS, IN TOULOUSE**  
Gourvenec, Michaël (Archeodunum; Université Toulouse Jean Jaurès UMR 5608 TRACES-TERRAE)
- 12:15 **DISCUSSION SLOT**
- 12:30 **USING SOCIALLY CONTEXTUALISED ISOTOPE ANALYSIS TO INVESTIGATE THE LIVED EXPERIENCE OF THE RESIDENTS OF MEDIEVAL CAMBRIDGE, UK**  
Rose, Alice (University of Cambridge) - Cessford, Craig (University of Cambridge; Cambridge Archaeological Unit) - Dittmar, Jenna (University of Aberdeen; University of Cambridge) - Hiron, Alex (University of Cambridge) - Hui, Ruoyun (The Alan Turing Institute; University of Cambridge) - Inskip, Sarah (University of Leicester; University of Cambridge) - Mitchell, Piers - O'Connell, Tamsin (University of Cambridge) - Scheib, Christiana (University of Tartu; University of Cambridge) - Robb, John (University of Cambridge)
- 12:45 **LIFE AFTER THE PLAGUE: EXPLORING HEALTH SURROUNDING THE TIME OF THE BLACK DEATH**  
Dittmar, Jenna (University of Aberdeen) - Mitchell, Piers (University of Cambridge) - Inskip, Sarah (University of Leicester) - Mulder, Bram (University of Cambridge) - Cessford, Craig (University of Cambridge; Cambridge Archaeological Unit) - Rose, Alice (University of Cambridge) - Scheib, Christina (University of Tartu; St. John's College, University of Cambridge) - Hui, Ruoyun (The Alan Turing Institute) - Connell, Tamsin - Robb, John (University of Cambridge)

- 14:30 THE SOCIAL LANDSCAPE OF HEALTH IN MEDIEVAL CAMBRIDGE: A WHOLE-TOWN APPROACH**  
Inskip, Sarah (University of Leicester) - Dittmar, Jenna (University of Aberdeen) - Rose, Alice - Mulder, Bram (University of Cambridge) - Cessford, Craig (University of Cambridge; Cambridge Archaeological Unit) - Scheib, Christiana (University of Tartu; St John's College Cambridge) - Hui, Ruoyun (Turing Institute) - O'Connell, Tamsin - Mitchell, Piers - Robb, John (University of Cambridge)
- 14:45 COLLECTIVE OSTEOBIOGRAPHIES: IDENTIFYING SUBGROUPS WITHIN A MEDIEVAL CEMETERY SKELETALLY**  
Robb, John - Cessford, Craig (University of Cambridge) - Dittmar, Jenna (University of Aberdeen) - Inskip, Sarah (University of Leicester) - Mitchell, Piers - Mulder, Bram - O'Connell, Tamsin - Rose, Alice (University of Cambridge)
- 15:00 THE SOCIAL CONSEQUENCES OF THE BLACK DEATH? TRACING HISTORICAL CHANGE BIOARCHAEOLOGICALLY IN MEDIEVAL CAMBRIDGE**  
Robb, John - Cessford, Craig (University of Cambridge) - Dittmar, Jenna (University of Aberdeen) - Inskip, Sarah (University of Leicester) - Mitchell, Piers - Mulder, Bram - Rose, Alice (University of Cambridge) - Hui, Ruoyun (Alan Turing Institute) - Kivisild, Toomas (KU Leuven) - Scheib, Christiana Lyn (University of Tartu)
- 15:15 BAYESIAN META-ANALYSIS OF HUMAN ISOTOPIC DATA FROM LATE MEDIEVAL EUROPE REVEALS DIETARY AND HISTORICAL LINKS**  
Cocozza, Carlo (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften.; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - Cirelli, Enrico (Alma Mater Studiorum Università degli Studi di Bologna, Dipartimento di Storia Culture Civiltà) - Teegen, Wolf-Rüdiger (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History, Department of Archaeology, Jena; University of Oxford, School of Archaeology; Masaryk University, Arne Faculty of Arts)
- 15:30 REDUCED VIRULENCE OF LATE MEDIEVAL YERSINIA PESTIS STRAINS COULD HAVE CONTRIBUTED TO THE DISAPPEARANCE OF PLAGUE FROM EUROPE**  
Bonczarowska, Joanna - Susat, Julian (Institute of Clinical Molecular Biology, Kiel University) - Pētersons-Gordina, Elīna (Institute of Latvian History, University of Latvia) - Immel, Alexander - Nebel, Almut (Institute of Clinical Molecular Biology, Kiel University) - Gerhards, Guntis (Institute of Latvian History, University of Latvia) - Krause-Kyora, Ben (Institute of Clinical Molecular Biology, Kiel University)
- 15:45 THE DUTCH Y-CHROMOSOMAL LANDSCAPE FROM THE EARLY MIDDLE AGES TO PRESENT DAY**  
Altena, Eveline - Smeding, Risha (Dept. of Human Genetics, Leiden University Medical Center) - van der Gaag, Kristiaan (Dept. of Human Genetics, Leiden University Medical Center; Netherlands Forensic Institute, The Hague) - de Leeuw, Rick - Vaske, Eileen - Reusink, Paul (Dept. of Human Genetics, Leiden University Medical Center) - Diekmann, Yoan - Thomas, Mark (Dept. of Genetics, Evolution and Environment, University College London) - de Knijff, Peter (Dept. of Human Genetics, Leiden University Medical Center)
- 16:00 DISCUSSION SLOT**

#### POSTERS:

- A. BIOMECHANICS OF PHYSICALLY IMPAIRED INDIVIDUALS FROM MEDIEVAL IRELAND**  
White, Jessica (Queen's University Belfast)
- B. TREPANNED HUMAN SKULL DISCOVERED IN THE NECROPOLIS OF 15TH-19TH CENTURIES AT THE ROMAN CATHOLIC CATHEDRAL FROM IAȘI, ROMANIA**  
Groza, Vasilica-Monica (Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research) - Bejenaru, Luminița - Petraru, Ozana-Maria (Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research; "Alexandru Ioan Cuza" University of Iași, Faculty of Biology) - Popovici, Mariana (Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research)

- C. A NEW APPROACH TO DETERMINATION OF SEX IN DEMOGRAPHIC EVALUATION OF MEDIEVAL HUMAN POPULATIONS FROM NORTH-EASTERN ROMANIA**  
Popovici, Mariana - Groza, Vasilica-Monica (Romanian Academy – Iași Branch, "O. Necrasov" Center of Anthropological Research) - Petraru, Ozana-Maria - Bejenaru, Luminița (Romanian Academy – Iași Branch, "O. Necrasov" Center of Anthropological Research; Faculty of Biology, "Alexandru Ioan Cuza" University of Iași)

## 167 DIRTY HERITAGE: TOWARDS AN ARCHAEOLOGY OF CONSUMPTION, WASTE AND ENVIRONMENTAL CHANGE

Time: 14:30 - 17:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Papoli Yazdi, Leila (University of Gothenburg) - Dezhankhooy, Maryam (Hamburger College, University of Heidelberg)

#### ABSTRACTS

- 14:30 INTRODUCTION**
- 14:45 WASTE AND THE (RE)GENERATION OF URBAN LANDSCAPES**  
Gardner, Jonathan (School of Art, Edinburgh College of Art, University of Edinburgh)
- 15:00 TELL ME WHAT YOU THROW AND I WILL TELL YOU WHAT TO DO: APPLIED CONTEMPORARY ARCHAEOLOGY TO INFORM POLICY-MAKERS**  
Praet, Estelle (University of York; Université Libre de Bruxelles) - Schofield, John (University of York)
- 15:15 DISCUSSION SLOT**
- 15:30 WASTE, LANDFILLS, AND BURIED CULTURE: A VIEW FROM THE MIKVE ISRAEL RUBBISH PROJECT**  
Nativ, Assaf (University of Haifa)
- 15:45 RUBBISH EVERYWHERE? A RUBBISH PIT AS A CASE STUDY RELATED TO THE RUIN TRAUTSON AT MATREI AM BRENNER (TIROL/AUSTRIA)**  
Waldhart, Elisabeth (Universität Innsbruck, Institut für Archäologien)
- 16:00 SOCIAL DEBITAGE; AN ARCHAEOLOGICAL AND SOCIAL EXPLORATION OF THE PATTERNS OF IMPROPER CIGARETTE BUTT DISPOSAL ON A UNIVERSITY CAMPUS**  
Tottman, Walker (University of Victoria)
- 16:15 WASTE AT THE 'DAWN OF EUROPEAN CIVILISATION'**  
Vindrola Padros, Bruno (Institute of Archaeology, University College London)
- 16:30 DISCUSSION SLOT**

## 180 PROTECTING ARCHAEOLOGICAL HERITAGE IN THE GLOBALISATION ERA: TRENDS, CHALLENGES, SOLUTIONS

Time: 9:00 - 12:00 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Mödlinger, Marianne (University of Genoa) - Kairiss, Andris (Riga Technical University) - Bernard, Elisa (IMT School for Advanced Studies Lucca) - Olevska, Irina (ArtLaw club)

Session related to the EAA Community on the Illicit Trade in Cultural Material.



#### ABSTRACTS

- 9:00 INTRODUCTION**

- 9:15 **THE REPATRIATION OF ARCHAEOLOGICAL PROPERTY AND ITS DILEMMAS**  
Bernard, Elisa (IMT School for Advanced Studies Lucca)
- 9:30 **THE ICOM RED LIST FOR SOUTHEAST EUROPE EXPERIENCE**  
Cosic, Natalija (Department of Archaeology, Faculty of Philosophy, University of Belgrade)
- 9:45 **COMMUNAL AND NON-PUBLIC ARCHAEOLOGICAL COLLECTIONS OF LOWER AUSTRIA**  
Kerbler, Lukas (ARMET Archäologie & Archäometallurgie e.U.) - Pieler, Franz (State Collections of Lower Austria) - Maurer, Jakob (Danube University Krems)
- 10:00 **DISCUSSION SLOT**
- 10:15 **OWNERSHIP OF ARCHAEOLOGICAL HERITAGE OBJECTS: ADVANTAGE OR ENCUMBRANCE?**  
Kairiss, Andris (Riga Technical University) - Olevska, Irina (ArtLaw.club)
- 10:30 **FROM BONE ROOMS TO INSTAGRAM FEED. TRAFFICKING AND RETURNING HUMAN REMAINS FROM THE 19TH CENTURY TO DATE**  
Crescenzi, Nicole (IMT School for Advanced Studies Lucca)
- 10:45 **TO BUY, OR NOT TO BUY... AN EXPERIMENTAL SURVEY ON SOCIAL MEDIA TO BETTER UNDERSTAND THE MARKET FOR CONFLICT ANTIQUITIES**  
De Bernardin, Michela (Ca' Foscari University of Venice; The Journal of Cultural Heritage Crime) - Giovannelli, Riccardo (Ca' Foscari University of Venice)
- 11:00 **DISCUSSION SLOT**

## 206 LITHIC RAW MATERIALS IN PREHISTORY: METHODS, PRACTICE AND THEORY. PART 2

Time: 11:00 - 17:30 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Brandl, Michael (Austrian Academy of Sciences, OREA-Institute) - Martinez, Maria (Smithsonian Institution, National Museum of the American Indian) - Gurova, Maria (National Institute of Archaeology and Museum, Bulgarian Academy of Sciences)

### ABSTRACTS

- 11:00 **MINING AND USE OF VIENNA RADIOLARITE – AN INTEGRATED STUDY OF LITHIC RESOURCE MANAGEMENT**  
Brandl, Michael - Schmitsberger, Oliver (Austrian Academy of Sciences, Austrian Archaeological Institute) - Penz, Martin (Museen der Stadt Wien – Stadtarchäologie) - Trnka, Gerhard (University of Vienna, Dept. of Prehistoric and Historical Archaeology)
- 11:15 **CHERT OF CHOICE. RAW MATERIAL PROCUREMENT STRATEGIES IN NORTH-EASTERN VORARLBERG (AUSTRIA) DURING THE BOREAL AND ATLANTIC – A CASE STUDY**  
Posch, Caroline (Department of Archaeologies, University of Innsbruck)
- 11:30 **ZÜRICH ALWAYS “INTERNATIONAL”? NEW PROVENIENCE ANALYSES BY OF THE PILE DWELLING SETTLEMENT ZÜRICH-INSURANCE**  
Wehren, Helena (ArchGeo Biel/Bienne) - Affolter, Jehanne (Ar-Geo-Lab Neuchâtel; University of Berne)
- 11:45 **ACHEULEAN INDUSTRIES AND ITS RELATION WITH AVAILABLE RAW MATERIAL IN T4 TERRACE: THE MALHADINHAS CASE STUDY (TEJO RIVER, CENTRAL PORTUGAL)**  
Pirata, Vânia (Universidade Autónoma de Lisboa; Novarqueologia, Lda.) - Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Cunha, Pedro (University of Coimbra, MARE – Marine and Environmental Sciences Centre, Department of Earth Sciences) - Martins, António (Universidade de Évora, Departamento de Geociências; ICT – Instituto de Ciências da Terra) - Pereira, José (Novarqueologia, Lda.)

- 12:00 **RAW MATERIAL USE AND SETTLEMENT PATTERNS DURING THE END OF PLEISTOCENE AT CENTRAL PORTUGAL**  
Gameiro, Cristina (UNIARQ - Lisbon University) - Aubry, Thierry (Fundação Côa Parque) - Manzano, Carmen (Arqueologia&Património) - Gomes, Sérgio (CEAACP - Coimbra University) - Matias, Henrique (UNIARQ - Lisbon University)
- 12:15 **IT'S JUST LOCAL! FOLLOWING THE SOCIAL NETWORKS OF A LOCAL FLINT IN PREHISTORY**  
Monforte-Barberan, Andreu (Grup de recerca Arqueològica al Mediterrani i al Pròxim Orient, Universitat Autònoma de Barcelona) - Pardo-Gordó, Salvador (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València) - Molist, Miquel (Grup de recerca Arqueològica al Mediterrani i al Pròxim Orient, Universitat Autònoma de Barcelona)
- 12:30 **NON-INVASIVE GEOCHEMICAL DISCRIMINATION OF CORDED WARE CULTURE BATTLE-AXES FROM THE NE BALTIC SEA COASTS – TESTING PXRF PROTOCOLS**  
Holmqvist-Sipilä, Elisabeth - Nordqvist, Kerkko (University of Helsinki)
- 12:45 **DISCUSSION SLOT**
- 14:30 **SOURCING OBSIDIAN FROM THE EARLY BRONZE AGE MARITIME SANCTUARY OF KEROS (CYCLADES, GREECE): AN INTEGRATED APPROACH**  
Carter, Tristan - Moir, Rose (McMaster University)
- 14:45 **LONG-DISTANCE OBSIDIAN TRADE TO NORTHERN ITALY DURING THE NEOLITHIC**  
Tykot, Robert - Vianello, Andrea (University of South Florida)
- 15:00 **VARIATIONS IN USE OF LANDSCAPE RESOURCES THROUGH TIME AT A MIDDLE PALAEOLITHIC SITE, THE BAU DE L'AUBESIER, VAUCLUSE, FRANCE**  
Wilson, Lucy (University of New Brunswick In Saint John)
- 15:15 **REFLECTANCE SPECTROSCOPY AS A CHERT PROVENANCE METHOD IN ASSESSING LATE PLEISTOCENE HUNTER-GATHERER MOBILITY**  
Parish, Ryan (University of Memphis)
- 15:30 **UTILIZATION AND PROVENANCE OF STONE ARTEFACTS AND RAW MATERIALS FROM IGALIKU (Ø47) AND TATSIP ATAA KILLEQ (Ø172) IN SOUTHWEST GREENLAND**  
Beck, Sólveig (University of Iceland)
- 15:45 **PROCUREMENT, PRODUCTION, AND DISTRIBUTION IN THE UCAREO/TULA OBSIDIAN EXPLOITATION SYSTEM IN POSTCLASSIC HIGHLAND MEXICO**  
Healan, Dan (Tulane University)
- 16:00 **BEYOND THE MIRROR: REFLECTIONS OF INDIGENOUS CONTINUITY IN OBSIDIAN LAPIDARY IN CENTRAL MEXICO**  
Martinez, Maria (Smithsonian Institution, National Museum of the American Indian) - Brandl, Michael (Austrian Academy of Sciences, Austrian Archaeological Institute) - Vicenzi, Edward (Smithsonian Institution, Museum Conservation Institute) - Sharps, Meredith (Rochester Institute for Technology, Image Permanence Institute) - Lam, Thomas (Smithsonian Institution, Museum Conservation Institute)
- 16:15 **THE LONG JOURNEY: CHEMICAL SOURCING AND DISTRIBUTIONAL ANALYSIS OF JADE IN MESOAMERICA**  
Kovacevich, Brigitte (University of Central Florida)
- 16:30 **DISCUSSION SLOT**

## 213 ROUTED ARCHAEOLOGY II - ARCHAEOLOGICAL ROUTES AND NEW TECHNOLOGIES

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Mele, Marko (Universalmuseum Joanneum) - Fábíán, Szilvia (Hungarian National Museum) - Mihelić, Sanjin (Archaeological Museum in Zagreb)

### ABSTRACTS

- 14:30 **FROM ARCHAEOLOGICAL DATA TO TOURISTIC PRODUCTS – A CASE STUDY FROM THE IRON AGE SITE SCHWARZENBACH, AUSTRIA**  
Fera, Martin - Doneus, Michael - Lobisser, Wolfgang (University of Vienna) - Neubauer, Wolfgang (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology)
- 14:45 **ARCHAEOLOGICAL ROUTES AS A GAMING EXPERIENCE? THE ROLE OF AR AND VIDEO GAMES IN THE ACTIVE CONSUMPTION OF ARCHAEOLOGICAL HERITAGE**  
Frankovic, Filip - Balen, Jacqueline (Archaeological Museum in Zagreb)
- 15:00 **VILLA ROMANA BALÁCA – FURTHER STEPS IN HERITAGE PRESENTATION AND PROMOTION**  
Kovacs, Lorand - Látos, Tamás - Fábíán, Szilvia - Pálinkás, Adrienn - Czifra, Szabolcs (Hungarian National Museum)
- 15:15 **DISCUSSION SLOT**
- 15:30 **ROUTED IRON AGE - APPROACHES TO THE DIGITISATION OF THE IRON AGE HERITAGE IN GROSSKLEIN (STYRIA, AUSTRIA)**  
Mele, Marko (Universalmuseum Joanneum)
- 15:45 **IN THE FOOTSTEPS OF THE WARRIORS: IRON AGE IN THE GOLDEN VALLEY**  
Rakvin, Marta - Balen, Jacqueline (Archaeological Museum in Zagreb) - Potrebica, Hrvoje (University of Zagreb, Faculty of Humanities and Social Sciences) - Lukačević, Marijana (Papuk Nature Park)
- 16:00 **INTEGRATING IRON AGE ROUTES IN THE SOPRON-FERTŐ REGION (NW-HUNGARY) INTO MODERN TOURISM-RELATED INVESTMENTS**  
Jerem, Elizabeth - Wollák, Katalin (Archaeolingua Foundation)
- 16:15 **DISCUSSION SLOT**
- 16:30 **THE DEVELOPMENT OF CULTURAL ROUTES IN GREECE AND THE USE OF NEW TECHNOLOGIES**  
Kosta, Elissavet (Ionian University)
- 16:45 **XPLORE-SH. LANDSCAPE ARCHAEOLOGY AND LOCATION-BASED EDUCATION**  
Hölscher, David (Institut fuer Ur- und Fruehgeschichte Kiel)
- 17:00 **DESIGNING COMMON GROUND AS A BASIS FOR ARCHAEOLOGICAL ROUTES**  
Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 17:15 **DISCUSSION SLOT**

## 228 AGRICULTURAL CHANGE AND SOCIAL INEQUALITY: APPROACHING COMPLEXITY

Time: 9:00 - 17:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Kerig, Tim (ROOTS Subcluster Social Inequalities) - Lechterbeck, Jutta (Arkeologisk Museum Universitetet i Stavanger) - Wilkes, Fynn (ROOTS Subcluster Social Inequalities)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **LONG-TERM DEVELOPMENT OF EURASIAN AGRARIAN PRODUCTIVITY AND ITS RELATION TO SOCIAL COMPLEXITY AND INEQUALITY**  
Kerig, Tim (Cluster of Excellence ROOTS, CAU Kiel) - Markert, Cornelius - Amlinger, Marc (Institut für die Geschichte und Zukunft der Arbeit - IGZA)
- 9:30 **WHAT IF EQUALITY WAS EQUALLY –OR EVEN MORE– COMPLEX?: RECONSIDERING THEORETICAL MODELS FROM THE LANDSCAPE OF AN ANDEAN AGROPASTORAL SOCIETY**  
López Lillo, Jordi A. (Institute of Heritage Sciences, National Research Council - Incipit-CSIC) - Franco Salvi, Valeria L. - Salazar, Julián (National University of Córdoba - UNC; National Scientific and Technical Research Council - CONICET)
- 9:45 **INCREASING RETURNS TO AGRICULTURAL INTENSIFICATION AT ANGKOR, CAMBODIA**  
Klassen, Sarah (Leiden University) - Ortman, Scott (University of Colorado Boulder) - Lobo, Jose (Arizona State University) - Evans, Damian (École française d'Extrême-Orient)
- 10:00 **DISCUSSION SLOT**
- 10:15 **REPRESENTATIONS OF POPULATION DYNAMICS**  
Zimmermann, Andreas (Inst. Prehistoric Arch. Köln)
- 10:30 **PATTERNS OF DEMOGRAPHIC CHANGE AND LAND USE IN SEDENTARY SOCIETIES**  
Hilpert, Johanna (CAU)
- 10:45 **WHAT DROVE INEQUALITIES?**  
Gronenborn, Detlef (Römisch-Germanisches Zentralmuseum, Mainz; Johannes-Gutenberg-Universität, Mainz)
- 11:00 **DISCUSSION SLOT**
- 11:15 **ASSESSING WEALTH INEQUALITY VIA GINIS: A WORLDWIDE RETRO/PROSPECTIVE**  
Kohler, Tim (Washington State University; Santa Fe Institute; Crow Canyon Archaeological Center)
- 11:30 **HOUSE SIZE DOES NOT ALWAYS MATTER! INEQUALITY IN THE PREHISTORIC BURIAL LANDSCAPE OF THE CARPATHIAN BASIN**  
Wilkes, Fynn (ROOTS Cluster of Excellence; Christian-Albrechts-Universität zu Kiel)
- 11:45 **TESTING HYPOTHESES OF SOCIO-ENVIRONMENTAL HAZARD IN FOSTERING SOCIAL INEQUALITY ACROSS LATE NEOLITHIC AND BRONZE AGE EUROPE**  
Großmann, Ralph (Kiel University; Cluster of Excellence ROOTS)
- 12:00 **DISCUSSION SLOT**
- 12:15 **CHANGING BEHAVIOUR IN STOCKPILING? NEW APPROACHES TO THE YOUNGER AND LATE NEOLITHIC OF HESSE AND EASTERN WESTPHALIA (4200-2800 BCE)**  
Hoffmann, Robert - Schwarck, Nadine (Institut fuer Ur- und Fruehgeschichte Kiel; CRC 1266)
- 12:30 **PREPARING THE GROUND SUBSISTENCE ECONOMY AND HIERARCHY IN LATE NEOLITHIC SCANDINAVIA**  
Johannsen, Jens (ROMU; Aarhus University - Department of Archeology and Heritage Studies)

- 12:45 DISCUSSION SLOT
- 14:30 **THE POLITICAL ECONOMY OF SLAVES, UNFREE OR CAPTIVES IN THE NORDIC EARLY BRONZE AGE?**  
Sørensen, Casper (Viborg Museum) - Kristiansen, Kristian (University of Gothenburg) - Mikkelsen, Martin (Viborg Museum) - Earle, Timothy (Northwestern University)
- 14:45 **EGALITARIANISM IN COMPLEX AGRARIAN SYSTEMS: ALTERNATIVE INTERPRETATIONS IN IRON AGE ARCHAEOLOGY**  
Sastre, Inés - Currás, Brais - Orejas, Almudena (CSIC) - Álvarez, Yolanda (Terra Arqueos)
- 15:00 **AGRICULTURAL AND SOCIAL CHANGE IN NORWAY BETWEEN EARLY BRONZE AGE AND LATE IRON AGE – EVIDENCE FROM SOILS AND HOUSES**  
Lechterbeck, Jutta - Dahl, Barbro (Arkeologisk Museum, Universitetet i Stavanger)
- 15:15 DISCUSSION SLOT
- 15:30 **FEEDING ANGLO-SAXON ENGLAND: THE BIOARCHAEOLOGY OF AN ‘AGRICULTURAL REVOLUTION’**  
Hamerow, Helena - Bogaard, Amy - Forster, Emily - McKerracher, Mark - Stroud, Elizabeth (University of Oxford) - Holmes, Matilda (University of Leicester)
- 15:45 **THE VOICE OF THE MEDIEVAL FARMER LOCAL TOPONYMS AS A SOURCE FOR AGRICULTURAL CHANGE AND SOCIAL INEQUALITY**  
Schreg, Rainer (Medieval and postmedieval archaeology, Otto-Friedrich-Universität Bamberg)
- 16:00 **VITIS VINIFERA, OLEA EUROPAEA, AND CASTANEA SATIVA ANTHRACOLOGICAL REMAINS AS MARKERS OF SOCIAL COMPLEXITY IN THE MEDIEVAL WESTERN MEDITERRANEAN**  
Santeramo, Riccardo (Università degli Studi di Genova) - Buonincontri, Mauro (Università degli Studi di Siena) - Di Pasquale, Gaetano (Università degli Studi di Napoli Federico II) - Bianchi, Giovanna (Università degli Studi di Siena) - Quirós Castillo, Juan Antonio (Universidad del País Vasco)
- 16:15 DISCUSSION SLOT
- 16:30 **CHARRED PLANT REMAINS AS A PROXY FOR DETECTING INEQUALITY. CASE STUDIES FROM THE NEOLITHIC TO BRONZE AGE IN SOUTHERN POLAND**  
Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Nowak, Marek (Institute of Archaeology, Jagiellonian University, Kraków) - Kąpcia, Magda (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Kenig, Robert (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków; Institute of Archaeology, Jagiellonian University, Kraków) - Moskal - del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków)
- 16:45 DISCUSSION SLOT

#### POSTERS:

- A. **AGRICULTURAL PRACTICES DURING THE ITALIAN BRONZE AGE: C AND N STABLE ISOTOPE ANALYSIS AS INDICATORS FOR FERTILIZATION AND IRRIGATION**  
Cortese, Francesca (Prehistoric Archaeology Laboratory, University of Rome Tor Vergata) - Carrara, Nicola - Dalla Longa, Elisa (University of Padua) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Silvestri, Letizia (Prehistoric Archaeology Laboratory, University of Rome Tor Vergata; Durham University, Department of Archaeology; Sovrintendenza Capitolina ai Beni Culturali) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Prehistoric Archaeology Laboratory, University of Rome Tor Vergata)
- B. **A MULTI-PROXY CASE-STUDY OF MIDDLE BRONZE AGE (1600 – 1250 BCE) LAND USE PRACTICES IN THE NORTH-WESTERN ALPINE FORELAND**  
Höpfer, Benjamin - Scherer, Sascha - Deckers, Katleen (University of Tuebingen) - Lechterbeck, Jutta (University of Stavanger) - Lehdorff, Eva (University of Bayreuth) - Marinova-Wolff, Elena (State Department for Cultural Heritage Baden-Württemberg) - Meister, Julia (University of Würzburg) - Scholten, Thomas - Kühn, Peter (University of Tuebingen) - Knopf, Thomas (University of Tuebingen & Keltenmuseum Hochdorf/Enz)

## 231 EMBRACING CHANGE: NEW INSIGHTS AND THEORIES ON THE CHANGING “EUROPEAN WORLDS” FROM THE 3RD AND 2ND MILLENNIUM BC

Time: 11:00 - 18:00 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Basílio, Ana Catarina (Fundação para a Ciência e Tecnologia; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour of University of Algarve) - Becerra Fuelleo, Paula (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Schlicht, Jan-Eric (Institute for Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266 - Scales of Transformation, CAU Kiel)

#### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 **CHANGING EUROPEAN WORLDS? A CLOSER LOOK AT COASTAL COMMUNITIES DURING THE 3RD MILLENNIUM BC IN NORTHERN EUROPE**  
Kleijne, Jos (Groningen Institute of Archaeology)
- 11:30 **MOVING BETWEEN SCALES OF TIME AND SPACE: HOW CAN THE CURRENT MOMENT INFORM OUR UNDERSTANDINGS OF 3RD-2ND MILLENNIA BCE IBERIA?**  
Lillios, Katina (University of Iowa)
- 11:45 DISCUSSION SLOT
- 12:00 **TRANSFORMATIONS DURING THE THIRD MILLENNIUM BC IN THE IBERIAN PENINSULA: ASSESSING THE PAST AND FUTURE CONTRIBUTIONS OF ANCIENT DNA**  
Olalde, Iñigo (Institute of Evolutionary Biology - UPF-CSIC, Barcelona)
- 12:15 **STRONTIUM ISOTOPE ANALYSIS IN IBERIA: A REVIEW OF THE EVIDENCE**  
Becerra Fuelleo, Paula (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Vicent García, Juan (Departamento de Arqueología y Procesos Sociales, CSIC) - Pérez Villa, Alberto (Independent Researcher) - Uriarte González, Antonio - Díaz-del-Río Español, Pedro (Departamento de Arqueología y Procesos Sociales, CSIC)
- 12:30 **THE LOWER AND MIDDLE GUADALQUIVIR VALLEY AT THE END OF THE 3RD/BEGINNING OF THE 2ND MILLENNIUM BC**  
Bartelheim, Martin - Chala Aldana, Döbereiner - Díaz-Zorita Bonilla, Marta (Universität Tübingen)
- 12:45 DISCUSSION SLOT
- 14:30 **RITUALS AND FUNERARY PRACTICES IN MARROQUÍES BAJOS (JAÉN) DURING THE 3RD MILLENNIUM BC: A BIOARCHAEOLOGICAL GENDER APPROACH**  
Díaz-Zorita Bonilla, Marta (University of Tübingen) - Rísquez, Carmen - Torres, María Isabel (University of Jaen) - Alemán, Inmaculada (University of Granada) - Serrano, José Luis - Zafra, Narciso (University of Jaen) - Vilchez, Miriam (University of Granada) - Herranz, Darío (Complutense University of Madrid)
- 14:45 **THE CHANGE OF THE SETTLEMENT PATTERN DURING THE BELL BEAKER PHENOMENON IN THE VINALOPÓ AND SERPIS BASINS (ALICANTE, SPAIN)**  
Saura Gil, Pedro José (University of Alicante)
- 15:00 **WEAVING CHANGES: TRANSFORMATIONS IN TEXTILE PRODUCTION IN THE 3RD AND 2ND MILLENNIUM BC IN THE SOUTHEAST IBERIA**  
Basso Rial, Ricardo (University of Alicante)
- 15:15 DISCUSSION SLOT
- 15:30 **SOCIAL RESILIENCE AND CLIMATE CHANGE IN SOUTHERN IBERIA DURING THE CHALCOLITHIC AND BRONZE AGE**  
Schirrmacher, Julien - Ribeiro, Artur - Kneisel, Jutta - Rinne, Christoph - Weinelt, Mara (CAU Kiel)

- 15:45 **DO YOU EVEN HUNT? LONG-TERM CHANGES IN CENTRAL AND SOUTHERN PORTUGAL FAUNAL RECORDS DURING THE CHALCOLITHIC AND THE BRONZE AGE**  
Almeida, Nelson - Detry, Cleia (Uniarq, Centro de Arqueologia da Universidade de Lisboa)
- 16:00 **EMERGENCE OF SOCIAL SPACES: RAW MATERIAL DISTRIBUTIONS AS PROXIES FOR HABITUAL PRACTISE BETWEEN 4000 AND 2000 BCE IN SOUTH PORTUGAL**  
Schlicht, Jan-Eric (CRC 1266 - Scales of Transformation; Kiel University)
- 16:15 **DISCUSSION SLOT**
- 16:30 **DIET AND MOBILITY THROUGH STABLE ISOTOPE ANALYSES IN HUMAN REMAINS BETWEEN THE CHALCOLITHIC AND IRON AGE IN SOUTHERN PORTUGAL**  
Melo, Linda (Foundation for Science and Technology - FCT-SFRH/BD/130165/2017. Laboratory of Prehistory, Research Center in Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität) - Silva, Ana Maria (Laboratory of Prehistory, Research Center in Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra. UNIARQ-WAPS, University of Lisbon) - Soares, António Monge (Centro de Ciências e Tecnologias Nucleares - C2TN, Instituto Superior Técnico, Universidade de Lisboa)
- 16:45 **GETTING OUT OF THE "BOXES": PRELIMINARY DEMOGRAPHIC APPROACH BASED ON THE PREHISTORIC CISTS FROM SOUTHERN PORTUGAL**  
Basílio, Ana Catarina (ICArEHB / FCT)
- 17:00 **DISCUSSION SLOT**

## 236 REPRESENTATION MATTERS – DIVERSITY IN VISUAL REPRESENTATIONS OF THE PAST

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Scheyhing, Nicola (Seminar of Oriental Archaeology and Art History, Martin-Luther-University Halle) - Gutmiedl-Schumann, Doris (Department of Archaeology and Cultural Anthropology, Rheinische Friedrich-Wilhelms-University Bonn) - Matias, Jo Zalea (Department of Social Science, Wilbur Wright College Chicago)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **REPRESENTATION MATTERS – HOW DIVERSE IS OUR VISUAL REPRESENTATION OF THE DE FACTO PAST?**  
Scheyhing, Nicola (Seminar for Oriental Archaeology and Art History, Martin-Luther-University Halle) - Gutmiedl-Schumann, Doris (FU Berlin) - Matias, Jo Zalea (Department of Social Science, Wilbur Wright College Chicago)
- 15:00 **CRITICAL APPROACHES TO ARCHAEOLOGICAL VISUAL REPRESENTATIONS: THE PASTWOMEN PROJECT**  
Masriera-Esquerria, Clara (Universitat Autònoma de Barcelona - UAB; Universitat de Barcelona - UB) - Colomer-Solsona, Laia (Norsk Institutt for kulturminneforskning - NIKU) - Delgado-Hervás, Ana (Universitat Pompeu Fabra - UPF) - Díaz-Zorita-Bonilla, Marta (Eberhard Karls Universität Tübingen) - González-Marcén, Paloma (Universitat Autònoma de Barcelona - UAB) - Herranz-Sánchez, Ana Belén (Universidad de Jaén - UJA) - Jardón-Giner, Paula (Universitat de València - UV) - Rísquez-Cuenca, Carmen (Universidad de Jaén - UJA) - Sánchez-Romero, Marga (Universidad de Granada - UGR) - Soler-Mayor, Begonya (Museu de Prehistòria de València - MUPV)
- 15:15 **ENGENDERING SPANISH MUSEUMS: A RECENT HISTORY**  
Torres Gomariz, Octavio (University of Alicante) - Moreno Conde, Margarita (Museo Arqueológico Nacional)
- 15:30 **DISCUSSION SLOT**

- 15:45 **BRINGING INVISIBLE PEOPLE TO THE FORE: NEW APPROACHES TO REPRESENTATIONS OF THE PALAEO-LITHIC ERA IN MUSEUM**  
Karkazi, Elli (Department of Cultural Technology and Communication, University of the Aegean; Museolab)
- 16:00 **WHO IS WHO IN ROMAN FOREIGN AFFAIRS OR ROMAN STRATEGIES OF MARGINALIZING THE SOUTH-EAST**  
Adlung-Schönheit, Lilian (Hamburg University)
- 16:15 **IMAGES OF SCYTHIAN NOMADIC HORSE RIDERS IN PUBLICATIONS AND MUSEUMS**  
Iwe, Karina (Staatliches Museum für Archäologie Chemnitz)
- 16:30 **DISCUSSION SLOT**
- 16:45 **WHITEWASHING, HETERONORMATIVITY AND EUROCENTRISM: THE STONE AGE ACCORDING TO PRIMARY SCHOOL TEXTBOOKS**  
Foldøy, Isabella (University of Stavanger)
- 17:00 **ARCHAEOLOGICAL REPRESENTATIONS IN VISUAL FICTION**  
Annis, Karissa (University of Wisconsin-Milwaukee)
- 17:15 **THE ONE-HANDED HERO. INCLUSIVENESS IN HISTORICAL FICTION FOR CHILDREN**  
de Roest, Karla (University of Groningen, Groningen Institute of Archaeology)
- 17:30 **DISCUSSION SLOT**
- 17:45 **VISUALISING THE ROLE OF PAST WOMEN AS ARTISTS: A PROPOSAL FROM ARSMAYA RESEARCH GROUP**  
Vidal Lorenzo, Cristina (Universitat de València) - Meijide Jansen, Erika (Universidad Complutense de Madrid) - Feliú Beltran, Núria (Universitat de València) - Horcajada Campos, Patricia (Universidad Complutense de Madrid) - López Bertran, Mireia - Martí Bonafé, Àngels (Universitat de València) - Muñoz Cosme, Gaspar (Universitat Politècnica de València) - Parpal Cabanes, Esther - Vázquez de Ágredos Pascual, María Luisa (Universitat de València)
- 18:00 **WHAT IS WRONG WITH THIS IMAGE? REFLECTING ON PAST DIVERSITY THROUGH VISUAL REPRESENTATIONS OF GENDER STEREOTYPES IN ARCHAEOLOGY**  
Gaydarska, Bisserka (Durham University; Archaeology and Gender in Europe - AGE - Community of the EAA) - Coltofean-Arizancu, Laura (Archaeology and Gender in Europe - AGE - Community of the EAA; University of Barcelona) - Matić, Uroš (Austrian Archaeological Institute, Austrian Academy of Sciences) - Radosavljević, Nikola (Faculty of Applied Arts, University of Belgrade)
- 18:15 **DISCUSSION SLOT**

## 238 HUMAN VISUAL ARCHIVES, GLOBALLY. MATERIALS, FORMS AND MEANINGS OF HUMAN REPRESENTATIONS IN ANCIENT TIMES

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Gallinaro, Marina (Dipartimento Scienze dell'Antichità - Università di Roma La Sapienza) - Lesure, Richard (Department of Anthropology, University of California, Los Angeles - UCLA)



### ABSTRACTS

- 14:30 **EXPLORING THE EMERGENCE OF SCENES AND ANTHROPOCENTRISM IN ROCK ART: LEVANTINE ROCK ART AS A CASE STUDY**  
Domingo Sanz, Ines (ICREA; University of Barcelona)
- 14:45 **SAHARAN HERDERS. ABOUT THE VISUAL REPRESENTATION OF HUMANS IN THE PASTORAL NEOLITHIC**  
Gallinaro, Marina (Dipartimento di Scienze dell'Antichità - Università di Roma La Sapienza)

- 15:00 **PREHISTORIC ANTHROPOMORPHS FROM THE CENTRAL WESTERN DESERT OF EGYPT: A STUDY OF FORM AND MEANING**  
Polkowski, Pawel (Poznan Archaeological Museum)
- 15:15 **DISCUSSION SLOT**
- 15:30 **IMBALANCE IN ORDER TO REIGN: ONTOLOGICAL SHIFT DURING EGYPTIAN PREDYNASTIC PERIOD AND ESTABLISHMENT OF THE REDEMPITIVE ROLE OF THE RULER**  
Graff, Gwenola (French Institute of Research for development)
- 15:45 **ANTHROPOMORPHIC FIGURINES OF SOUTH-WEST ASIA THROUGH THE NEOLITHIC TRANSITION: SOCIAL FUNCTION AND INTERACTION NETWORKS**  
Atakuman, Cigdem - Gemici, Hasan Can - Sürer, Elif (Middle East Technical University)
- 16:00 **THE HUMAN IMAGE IN THE PRE-POTTERY NEOLITHIC OF THE NEAR EAST. POSSIBILITIES OF ENGAGEMENT**  
Dietrich, Oliver (Freie Universität Berlin)
- 16:15 **DISCUSSION SLOT**
- 16:30 **HUMAN FACES DEPICTIONS OF EARLY NEOLITHIC IN THE NEAR EAST**  
Huet, Thomas (LabEx ARCHIMEDE, ANR-11-LABX-0032-01) - Ibañez, Juan (Archaeology of Social Dynamics IMF-CSIC) - Pozo, Jose - Alexander, Craig (Independent researcher)
- 16:45 **PREHISTORIC HUMAN REPRESENTATION IN ANCIENT CHINA**  
Dematte', Paola (RISD)
- 17:00 **FROM UNIQUE ANIMALS TO A GENERALIZED HUMANITY? A DIACHRONIC PERSPECTIVE ON CLAY FIGURINES IN THE PITTED WARE CULTURE**  
Lindström, Tobias (Stockholm University)
- 17:15 **DISCUSSION SLOT**
- 17:30 **BODYSCAPES IN NORTH-CENTRAL CHILE. EXPLORING HUMAN BODY DEPICTIONS THROUGHOUT PRE-HISPANIC HISTORY**  
Armstrong, Felipe (Departamento de Antropología, Universidad Alberto Hurtado) - Troncoso, Andrés (Departamento de Antropología, Universidad de Chile)
- 17:45 **HUMAN IMAGES IN FORMATIVE-PERIOD MESOAMERICAN HOUSEHOLDS: CONTEXT, SCALE, AND INTERPRETIVE SYNTHESIS IN THE STUDY OF PREHISTORIC OF FIGURINES**  
Lesure, Richard (University of California Los Angeles)
- 18:00 **HUMAN REPRESENTATION BEYOND THE HUMAN**  
Joyce, Rosemary (University of California, Berkeley)
- 18:15 **DISCUSSION SLOT**

## 265 **SWEET AND SOUR: SUCCESSES AND CHALLENGES OF COLLABORATION IN ENHANCING RESILIENCE AND SUSTAINABLE MANAGEMENT IN ARCHAEOLOGY**

Time: 16:30 - 18:30 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Benetti, Francesca (Historic Environment Forum) - Westmont, Camille (The University of the South) - Olivier, Adrian (University College London)

Session related to the EAA Public Archaeology Community.

### ABSTRACTS

- 16:30 **INTRODUCTION**

- 16:45 **MOVING FROM RESCUE ARCHAEOLOGY TO SUSTAINABLE CULTURAL NETWORKS - AND GETTING AWAY WITH IT. THE CASE STUDY OF "LA BIAGIOLA"**  
Sola, Giulia (University of Vienna)
- 17:00 **THE EXPERIENCE OF THE MARINE PROTECTED AREA GAIOLA UNDERWATER PARK (NAPLES, ITALY) - A PUBLIC-PRIVATE PARTNERSHIP**  
De Vivo, Caterina (Centro Studi Interdisciplinari Gaiola Onlus - Progetto Museo)
- 17:15 **FAIL EARLY, FAIL OFTEN! - PRACTICAL EXAMPLES FROM THE CURRENT JOINT PROJECT "MUSEUM AS CO-LAB - OPEN THE BLACKBOX OF ARCHAEOLOGY!"**  
Ellwart, Anika (LWL Archaeological Museum)
- 17:30 **SUPPORTING SUSTAINABLE MANAGEMENT IN ARCHAEOLOGY WHERE 'LONG-TERM' IS NOT ALWAYS AN OPTION**  
Jorayev, Gai (UCL)
- 17:45 **BRIDGE OVER TROUBLED WATER: FACILITATING HIGH-LEVEL COLLABORATION IN THE HISTORIC ENVIRONMENT SECTOR IN ENGLAND**  
Benetti, Francesca (Historic Environment Forum) - Olivier, Adrian (ICAHM, Historic Environment Forum)
- 18:00 **DISCUSSION SLOT**

## 297 **MODELLING COMPLEXITY: PAST INTERACTIONS BETWEEN PEOPLE, CLIMATE AND ENVIRONMENT**

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Burke, Ariane (Universite de Montreal; Oeschger Centre for Climate Change Research) - Riede, Felix (Aarhus University)



### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **CLIMATE NICHE MODELLING REVEALS THE FATE OF PIONEERING LATE PLEISTOCENE POPULATIONS IN NORTHERN EUROPE**  
Pedersen, Jesper (Department of Archaeology and Heritage Studies, Aarhus University Moesgård; Center for Biodiversity Dynamics in a Changing World - BIOCHANGE, Department of Biology, Aarhus University) - Assmann, Jakob - Normand, Signe (Department of Biology - Ecoinformatics and Biodiversity, Aarhus University; Center for Biodiversity Dynamics in a Changing World - BIOCHANGE, Department of Biology, Aarhus University) - Karger, Dirk (Swiss Federal Institute for Forest, Snow and Landscape Research WSL; Center for Biodiversity Dynamics in a Changing World - BIOCHANGE, Department of Biology, Aarhus University) - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University Moesgård; Center for Biodiversity Dynamics in a Changing World - BIOCHANGE, Department of Biology, Aarhus University)
- 9:30 **OF HUNTING, GATHERING AND FISHING: EXPLORING SOCIO-ECOLOGICAL DYNAMICS USING AGENT-BASED SIMULATIONS**  
Günther, Gerrit (Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266, Christian-Albrechts-Universität zu Kiel) - Groß, Daniel (Centre for Baltic and Scandinavian Archaeology - ZBSA - Schleswig-Holstein State Museums Foundation Schloss Gottorf; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266, Christian-Albrechts-Universität zu Kiel) - Knitter, Daniel (Department of Geography, Physical Geography, University of Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266, Christian-Albrechts-Universität zu Kiel) - Strohm, Steffen (Department of Computer Science, Christian-Albrechts-Universität zu Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266, Christian-Albrechts-Universität zu Kiel)



- Wieckowska-Lüth, Magdalena (Institute of Prehistoric and Protohistoric Archaeology, Archaeobotanical and Palynological Laboratory, Christian-Albrechts-Universität zu Kiel; CRC 1266: Scales of transformation: Human-environmental interaction in prehistoric and archaic societies - SFB 1266)

- 9:45 **DISCUSSION SLOT**
- 10:00 **CHALLENGES IN USING COMPUTATIONAL ARCHAEOLOGY WITH LIMITED DATA: A CASE STUDY FROM FINAL PALAEOLITHIC SCHLESWIG-HOLSTEIN**  
Grimm, Sonja - Eriksen, Berit (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266) - Günther, Gerrit - Hamer, Wolfgang - Knitter, Daniel (CAU Kiel; CRC 1266) - Krüger, Sascha (National Museum of Denmark) - Weber, Mara-Julia (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266) - Wild, Markus (CAU Kiel; Cluster of Excellence "ROOTS")
- 10:15 **THE LAST OF THEM. INVESTIGATING THE PALAEOGEOGRAPHY OF THE LAST NEANDERTHALS IN EUROPE (MARINE ISOTOPIC STAGE 3; 60-27 KY BP)**  
Albouy, Benjamin - Burke, Ariane - Riel-Salvatore, Julien (Université de Montréal)
- 10:30 **TOWARDS COMPLEX MODELLING: HUMAN-ENVIRONMENT INTERACTION IN EUROPE DURING GLACIAL-INTERGLACIAL CYCLES**  
Schmidt, Isabell - Limberg, Heiko - Klein, Konstantin - Wegener, Christian (University of Cologne) - Weniger, Gerd-Christian (Neanderthal Museum) - Hense, Andreas (University of Bonn) - Rostami, Masoud - Shao, Yaping (University of Cologne)
- 10:45 **DISCUSSION SLOT**
- 11:15 **LANDFORMS AND HABITATS: A DIACHRONIC PERSPECTIVE ON UPPER PALAEOLITHIC LAND USE IN EUROPE**  
Schoenenberg, Jonathan - Sauer, Florian (University of Cologne)
- 11:30 **THE IMPACT OF MAGDALENIAN HUNTER-GATHERERS ON THEIR ENVIRONMENT**  
Gravel-Miguel, Claudine (Arizona State University)
- 11:45 **RETHINKING THE IMPORTANCE OF EUROPEAN RABBIT (ORYCTOLAGUS CUNICULUS) IN THE HUMAN DIET DURING THE UPPER PALAEOLITHIC IN IBERIA**  
Seuru, Samuel (Département d'Anthropologie, Université de Montréal) - Perez, Liliana (Département de Géographie, Université de Montréal) - Burke, Ariane (Département d'Anthropologie, Université de Montréal)
- 12:00 **WHERE THE GRASS IS GREENER: ESTIMATED VEGETATION PERIODS AND THEIR EXPLANATORY POTENTIAL FOR SITE DISTRIBUTION IN THE EAST EUROPEAN PLAIN**  
Tharandt, Louise - Linsel, Florian - Maier, Andreas (Institute of Prehistoric Archaeology, University of Cologne) - Ludwig, Patrick (Karlsruhe Institute of Technology, Institute of Meteorology and Climate Research, Department Troposphere Research - IMK-TRO)
- 12:15 **ABOUT PEOPLE AND LOESS. MODELLING DUST EMISSION AND IMPLICATIONS FOR THE PEOPLING OF NORTH-WESTERN FRANCE DURING THE LAST GLACIAL MAXIMUM**  
Boisard, Solène (Hominin Dispersals Research Group, Department of Anthropology, University of Montreal) - King, James - Chaput, Amélie - Gauvin-Bourdon, Philippe (Wind Erosion Laboratory, Department of Geography, University of Montreal) - Burke, Ariane (Hominin Dispersals Research Group, Department of Anthropology, University of Montreal)
- 12:30 **DISCUSSION SLOT**
- 14:30 **REFLOATING THE AEGEAN LOST DRYLAND: AN AFFORDANCE-BASED GIS APPROACH TO EXPLORE THE INTERACTION BETWEEN HOMININS AND THE PALAEO LANDSCAPE**  
Tsakanikou, Peny (Palaeolithic Lesbos Research Project, University of Crete; Centre for the Archaeology of Human Origins, University of Southampton)
- 14:45 **GIS-AIDED MODELLING OF NEOLITHIC SOIL EXPLOITATION IN THE SOUTH OF EASTERN EUROPE**  
Kiosak, Dmytro (Ca' Foscari University of Venice) - Radchenko, Simon (Universita degli Studi di Torino)

- 15:00 **FROM CELLS TO BEHAVIOURS. MODELLING PASTURES AND CROPS IN A RASTER GIS SYSTEM STARTING FROM LANDSCAPE (PALEO-)DATA**  
Sotgia, Agostino (Sapienza - University of Rome; RUG - University of Groningen)
- 15:15 **POPULATION DENSITY DRIVES FARMER SETTLEMENT AND ABANDONMENT OF MARGINAL ENVIRONMENTS**  
Yaworsky, Peter (Department of Archaeology and Heritage Studies, Aarhus University; University of Utah Archaeological Center; Department of Anthropology, University of Utah) - Coddling, Brian (University of Utah Archaeological Center; Department of Anthropology, University of Utah; Global Change and Sustainability Center, University of Utah)
- 15:30 **DISCUSSION SLOT**

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## 298 **THE LONG FOURTH CENTURY BC: TRACING THE TRANSFORMATION OF SOUTHERN ITALY IN ITS MEDITERRANEAN CONTEXT**

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Heitz, Christian - Hoernes, Matthias (University of Innsbruck) - Henning, Agnes (Humboldt University, Berlin) - Robinson, Ted (University of Sydney)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **TRANSFORMATIVE DYNAMICS IN THE 4TH CENTURY BC MESSAPIA**  
Meo, Francesco (University of Salento)
- 9:30 **VENAFRO PROJECT: THE RISE OF HILLTOP FORTIFICATIONS IN SAMNIUM IN THE 4TH CENTURY BC**  
Hoer, Alexander (Universität Zürich)
- 9:45 **DISCUSSION SLOT**
- 10:00 **THE SPATIAL AND SOCIAL TRANSFORMATION OF THE SETTLEMENTS BY FORTIFICATION WALLS IN THE MOUNTAINOUS INLAND OF SOUTH ITALY**  
Henning, Agnes (Winckelmann-Institut, Humboldt-Universität zu Berlin)
- 10:15 **VISUAL CONNECTIVITY AND CONTROL: LUCANIAN FORTIFIED CENTRES**  
Myers, Brett (Australian Archaeological Institute at Athens; University of Sydney)
- 10:30 **CONTINUITY AND TRANSFORMATION: SOME EXAMPLES OF STOAI AND THESAUROI ORGANIZING THE PUBLIC AND RELIGIOUS SPACE**  
Pollini, Airton (Université de Haute-Alsace) - Montel, Sophie (Université de Franche-Comté, Besancon)
- 10:45 **DISCUSSION SLOT**
- 11:00 **A SYNTHESIS OF THE 'LONG' FOURTH CENTURY: THE BASE FROM UGENTO**  
Lualdi, Carlo (University of Warwick)
- 11:15 **SOUTHERN ITALIC WARRIORS AND THE DEVELOPMENT OF THE WESTERN MEDITERRANEAN MILITARY KOINE**  
Lumsden, Alastair (University of St Andrews)
- 11:30 **ITALIANS, ITALIOTES, AND HERACLES IN THE "LONG" 4TH C. BCE SOUTHERN ITALY**  
Wright, Parrish (University of South Carolina)
- 11:45 **DISCUSSION SLOT**
- 12:00 **SOME NOTES ABOUT THE CONSUMPTION OF SOUTHERN ITALIAN RED-FIGURE WARE AT METAPONTO AND PISTICCI DURING THE 4TH CENTURY BC**  
Lecce, Lucia (Humboldt-Universität zu Berlin)

- 12:15 THE LONG FOURTH CENTURY BC AND THE ARCHAEOLOGY OF FOOD: "COOKING UP" SOME HISTORICAL CHANGES IN THE GREEK WORLD  
Serino, Marco (Università degli Studi di Torino)
- 12:30 DISCUSSION SLOT
- 14:30 FUNERARY PRACTICES AND CHANGES IN THE SOCIAL HIERARCHY IN LATE 4TH CENTURY CENTRAL APULIAN COMMUNITIES  
Peruzzi, Bice (Rutgers State University of New Jersey)
- 14:45 CRISIS OR DISINTEREST? FUNERARY "AUSTERITY" AND ELITE LEGITIMACY IN SAMNIUM, LATE FIFTH-EARLY THIRD CENTURIES BCE  
Scopacasa, Rafael (Universidade Federal de Minas Gerais; University of Exeter)
- 15:00 BURIAL CUSTOMS AND SOCIETY IN PRE-ROMAN BASILICATA: RECONSIDERING THE CAPPUCINA TOMBS  
Lorente Sebastián, Paloma (Université Paris1 Panthéon-Sorbonne)
- 15:15 DISCUSSION SLOT
- 15:30 NEW THOUGHTS ON THE LUCANIANS' ETHNOGENESIS: THE CONTRIBUTION OF FUNERARY EVIDENCE  
Battiloro, Ilaria (Mount Allison University) - Pignataro, Mariangela (Independent researcher)
- 15:45 A TOMB OF ONE'S OWN: GENERIC MODELS AND LOCAL ADAPTATIONS IN ITALIOTE AND ILLYRIAN ICONOGRAPHY (5TH-3RD CENTURY B.C.)  
Bièvre-Perrin, Fabien (Centre Jean Bérard)
- 16:00 DISCUSSION SLOT

### 313 EARTH, WATER AND FIRE: APPROACHING LIVING HABITAT AND COMMUNITY LANDSCAPE MANAGEMENT

Time: 11:00 - 16:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Cantisani, Matteo (Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; Ruhr Universität Bochum, Zentrum für Mittelmeerenstudien) - Gheorghiu, Dragoş (Doctoral School, National University of Arts, Bucharest; Instituto Terra e Memória - Mação, Centro de Geociências da Universidade de Coimbra) - Von Rüden, Constance (Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum)

#### ABSTRACTS

##### Environment, Habitat and Engagements

- 11:00 INTRODUCTION
- 11:15 COPING WITH A CROWDED HABITAT: HOMO AS PREY, PREDATOR, AND IMITATOR  
Bouissac, Paul (University of Toronto)
- 11:30 THEIR HABITAT WAS A LIVING ORGANISM: HUMANS/NON-HUMANS ARCHITECTURAL ENTANGLEMENTS IN THE HISTORICAL LANDSCAPE OF ICELAND  
Vaquero, Pablo (University of Glasgow; University of Granada)
- 11:45 LONGING FOR ASSEMBLY: THE SIGNIFICANCE OF BEINGNESS OF PLACE  
Dods, Roberta (University of British Columbia)
- 12:00 DISCUSSION SLOT

##### Engagements with Materials and Technologies

- 12:15 THE TOUCH OF THE DEEP: NOVEL ENGAGEMENTS WITH MARINE BEINGS IN THE SOCIAL SPACES OF MINOAN CRETE  
Anderson, Emily (Johns Hopkins University)
- 12:30 RECONSTRUCT THE LATE NEOLITHIC AND THE BRONZE AGE VILLAGE THROUGH GEOARCHAEOLOGY: CASE STUDIES FROM ITALY AND SOUTHERN FRANCE  
Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140 (CNRS, Univ. Paul Valéry Montpellier 3; LabEx ARCHIMEDE - programme IA- ANR-11-LABX-0032-01; Università di Bologna)
- 12:45 CLAY, STONES AND SHERDS - DWELLING IN THE NURAGIC LANDSCAPE OF SANT'ANTIOCO/SOUTHERN SARDINIA  
Usadel, Marie - Klingenberg, Tim - von Rüden, Constance (Ruhr University Bochum)
- 14:30 STARTING FROM SCRATCH? APPROACHING RESOURCE MANAGEMENT IN IRISH VIKING TOWNS  
Boyd, Rebecca - Stone, David (University College Dublin)
- 14:45 DISCUSSION SLOT

##### Engagements with Nature: Settlements, Settlement Systems and Landscapes

- 15:00 DWELLING IN THE CHALCOLITHIC: THE RELATIONSHIP BETWEEN SETTLEMENTS AND THE ENVIRONMENT  
Gheorghiu, Dragoş (National University of Art; ITM Macao)
- 15:15 MODELLING FOOD CONSUMPTION AND WOOD UTILISATION AS INDICATORS FOR PERCEPTION, COMPETITION AND LANDSCAPE MANAGEMENT  
Boenke, Nicole (Ruhr-Universität Bochum)
- 15:30 LIVING ON A SMALL VOLCANIC MEDITERRANEAN ISLAND: THE CASE OF USTICA AND ITS PREHISTORIC PALEOENVIRONMENT  
Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia, Naples; University of Las Palmas, Gran Canaria)
- 15:45 FROM SPACE TO PLACES, FROM LANDSCAPE TO BUILTScape: RECONSTRUCTING PREHISTORIC ARCHITECTURES IN CENTRAL SICILY  
Giannitrapani, Enrico (Confederazione Italiana Archeologi; Arkeos - Servizi integrati per i Beni Culturali)
- 16:00 SENSES AND SOCIAL NEGOTIATIONS IN THE AMARNA WORKMEN'S VILLAGE  
Rocha da Silva, Thais (University of Oxford; University of São Paulo)
- 16:15 DISCUSSION SLOT

### 315 CONFLICT ESCALATION AND DE-ESCALATION IN URBANITY

Time: 14:30 - 18:00 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Loy, Anna (ROOTS Kiel) - Alliata, Victoria (CAU Kiel) - Cembrzyński, Paweł (ROOTS Kiel) - Zeviani, Camilla (University of Cambridge)

#### ABSTRACTS

- 14:30 CONFLICT PROCESSES AND URBAN PROCESSES INTERCONNECTED  
Alliata, Victoria (CRC 1266: Scales of Transformation Kiel) - Loy, Anna (ROOTS Cluster of Excellence Kiel) - Nankoinz, Oliver (Institute of Pre- and Protohistoric Archaeology, Kiel)
- 14:45 URBANIZATION HALTED: REGIONAL POLITICS AND DEMOGRAPHIC CHANGES BETWEEN THE 7TH AND THE 6TH CENTURIES BC  
Zeviani, Camilla (University of Cambridge)

- 15:00 **RELATIONAL URBANIZATION IN THE MYCENAEAN GREECE: CONFLICT DE-ESCALATION IN LATE BRONZE AGE PALATIAL SETTLEMENT NETWORKS**  
Zeman, Piotr (Adam Mickiewicz University in Poznań, Faculty of Archaeology)
- 15:15 **SETTLEMENT PATTERN AND SOCIAL DYNAMICS IN NORTHERN ABRUZZO BETWEEN THE 8TH AND THE 6TH CENTURY BC**  
di Giovanni, Andrea (Università La Sapienza, Roma)
- 15:30 **VIOLENCE AND CONFLICT DE-ESCALATION IN PRE-ROMAN CENTRAL APENNINE (6TH – 5TH CENTURY BC)**  
Scarsella, Elena (Cambridge University)
- 15:45 **DISCUSSION SLOT**
- 16:00 **SPACES OF INEQUALITY AND CONFLICT IN URBAN HISTORIOGRAPHY OF THE MIDDLE AGES**  
Müller-Liedtke, Catharina (ROOTS Cluster of Excellence, CAU Kiel)
- 16:15 **VIOLENCE-RELATED TRAUMA AND SOCIAL CONFLICT AT PRE-HISPANIC ANDEAN CITIES VS. THE OUTLANDS: INSIGHTS FROM BIOARCHAEOLOGICAL BIG DATA**  
Scaffidi, Beth (University of California, Merced) - McCool, Weston (University of California, Santa Barbara)
- 16:30 **THE ETHNOGRAPHY OF CONFLICT ESCALATION AND DE-ESCALATION**  
Stoddart, Simon (University of Cambridge; University of Kiel)
- 16:45 **DISCUSSION SLOT**

### 319 **IMPR - PHYTOLITHS IN GEOARCHAEOLOGY AND MICROMORPHOLOGY**

Time: 11:00 - 16:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Vrydaghs, Luc (MARI - VUB) - Polo-Diaz, Ana (Marie Skłodowska-Curie Fellow - MSCA-IF, Department of Archaeology, University of Sheffield)



#### ABSTRACTS

- 11:00 **20 YEARS OF LOOKING AT PHYTOLITHS IN ARCHAEOLOGICAL SOIL THIN SECTIONS: A REFLEXION**  
Devos, Yannick (Vrije Universiteit Brussel)
- 11:30 **PHYTOLITHS IN EARLY MEDIEVAL FLOORS FROM NORTHERN FRANCE**  
Borderie, Quentin (CNRS UMR7041 ArScAn)
- 11:45 **DISCUSSION SLOT**
- 12:00 **ANIMAL INDOOR PENNING AND STORAGE ACTIVITY IN THE EASTERN PYRENEES: THE CASE-STUDY OF LATE IRON AGE BALTARGA, Cerdanya**  
Portillo, Marta (Department of Archaeology and Anthropology, Institut Milà i Fontanals - IMF, Spanish National Research Council - CSIC, Barcelona) - Sisa, Joaquim (Department of Prehistory, Autonomous University of Barcelona - UAB) - Alliot, Pascal - Olesti, Oriol (Department of Antiquity and Middle Age Studies, Autonomous University of Barcelona - UAB)
- 12:15 **PHYTOLITHS AND CAVE AND ROCK-SHELTER DEPOSITS IN EARLY FARMING: PROVIDING ARCHAEOLOGICAL CONTEXT FROM THIN SECTIONS FOR MICROMORPHOLOGICAL ANALYSIS**  
Polo-Diaz, Ana (Department of Archaeology, University of Sheffield)
- 12:30 **PHYTOLITH AND MICROMORPHOLOGICAL ANALYSIS AT THE MIDDLE-TO-LATER STONE AGE SITE OF LOVEDALE, FREE STATE, SOUTH AFRICA**  
Wroth, Kristen (Eberhard-Karls-Universität Tübingen) - Bousman, Britt (Texas State University) - Tribolo, Chantal (CNRS-Université Bordeaux Montaigne) - Rossouw, Lloyd (National Museum, Bloemfontein) - Kolska Horwitz, Liora (Hebrew University of Jerusalem) - Miller, Chris (Eberhard-Karls-Universität Tübingen) - Toffolo, Michael (CNRS-Université Bordeaux Montaigne)

- 12:45 **DISCUSSION SLOT**
- 14:30 **FIRES OF A HOUSE – BURNING EVENTS IN A MIDDLE BRONZE AGE VATYA HOUSE AT SZÁZHALOMBATTA-FÖLDVÁR TELL SITE (HUNGARY)**  
Peto, Ákos (Hungarian University of Agricultural and Life Sciences) - Kovács, Gabriella - Vicze, Magdolna (independent researcher)
- 14:45 **INTEGRATING PHYTOLITH AND MICROMORPHOLOGICAL RESEARCH IN CENTRAL ANATOLIA: INSIGHTS INTO EARLY HOLOCENE HUMAN-PLANT-ANIMAL DYNAMICS**  
Garcia-Suarez, Aroa (University of Reading) - Portillo, Marta (Institut Milà i Fontanals - Spanish National Research Council)
- 15:00 **ONCE UPON A TIME... STORYTELLING PHYTOLITHS IN ARCHAEOLOGICAL THIN SECTIONS FROM THE ROYAL TOMB OF QATNA (SYRIA)**  
Pümpin, Christine (Integrative Prehistory and Archeological Science - IPAS, University of Basel) - Vrydaghs, Luc (Maritime Cultures Research Institute - MARI - Vrije Universiteit Brussel) - Reifarh, Nicole (CICS - Cologne Institute of Conservation, Sciences Textiles and Archaeological Fibres - TAF) - Doutrelepon, Hugues (ROOTS, Bruxelles) - Ball, Terry (Department of Ancient Scripture, Brigham Young University - Provo)
- 15:15 **DISCUSSION SLOT**
- 15:30 **PHYTOLITH AND MICROMORPHOLOGY RESULTS FROM A NEOLITHIC ASH-PIT IN EASTERN CHINA**  
Duan, Qimeng (Institute of Cultural Heritage, Shandong University) - Rao, Zongyue (Shandong Provincial Institute of Cultural Relics and Archaeology) - Jin, Guiyun (Institute of Cultural Heritage, Shandong University)
- 15:45 **INTEGRATING PHYTOLITH ANALYSIS OF BULK SAMPLES AND SOIL THIN SECTIONS. THE CASE OF THE RUE DES BOÎTEUX, BRUSSELS (BELGIUM)**  
Hermans, Rosalie (Maritime Cultures Research Institute - MARI, Vrije Universiteit Brussel - VUB) - Chevalier, Alexandre (Royal Belgian Institute of Natural Sciences - RBINS, Brussels) - Albert, Rosa Maria (Catalan Institution for Research and Advanced Studies - ICREA; Dep. of History and Archaeology, University of Barcelona) - Devos, Yannick - Vrydaghs, Luc (Maritime Cultures Research Institute - MARI, Vrije Universiteit Brussel - VUB)
- 16:00 **DISCUSSION SLOT**

### 342 **IMPR - MICROSCOPY PHYTOLITHS IN SOIL THIN SECTIONS**

Time: 16:30 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Workshop

Organisers: Polo-Diaz, Ana (Department of Archaeology, University of Sheffield, Sheffield) - Devos, Yannick (Maritime Cultures Research Institute (MARI) - Department of Art Studies and Archaeology, Vrije Universiteit Brussel, Brussels) - Khamnueva-Wendt, Svetlana (Institute for Ecosystem Research Kiel University, Kiel)



#### ABSTRACTS

The present session is structured as a microscopy workshop in relation to the study of phytoliths in archaeological soil and sediment thin sections. As such, the workshop is related to the session "Phytoliths in geoarchaeology and micromorphology".

We aim to an informal meeting with a focus on the exchange of ideas and experiences in this arena in a practical way. Hands-on microscope work will provide an opportunity for participants to discuss relevant questions regarding methodological approaches, analytical tools and interpretation of results.

The overall goals of the workshop are: to raise awareness among phytolith specialists and micromorphologists / geoarchaeologists on the potential of applying phytolith analysis to archaeological thin sections and promote its practical integration to address archaeological questions.

Participants are welcome to bring their own research materials. Additionally, thin sections related to the presentations of the session "Phytoliths in geoarchaeology and micromorphology" will be made available during the workshop.

This session is part of the 12th International Meeting for Phytolith Research, or IMPR, the official scientific conference of the International Phytolith Society.

## 344 HOW MANY PEOPLE? ARCHAEOLOGICAL APPROACHES TO THE STUDY OF PAST DEMOGRAPHY

Time: 9:00 - 13:00 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Fernandes, Ricardo (Max Planck Institute for the Science of Human History; Oxford University; Masaryk University) - Fernández-Götz, Manuel (University of Edinburgh) - Vander Linden, Marc (Bournemouth University)

### ABSTRACTS

- 9:00 **BIG DATA AND BAYESIAN APPROACHES TO THE STUDY OF ANCIENT POPULATION DYNAMICS**  
Fernandes, Ricardo (Max Planck Institute for the Science of Human History; University of Oxford; Masaryk University)
- 9:15 **REASSESSING IRON AGE DEMOGRAPHY: METHODS, APPROACHES AND CASE STUDIES**  
Fernández-Götz, Manuel (University of Edinburgh, School of History, Classics and Archaeology)
- 9:30 **BOOM AND BUST - AGGLOMERATION AND DISPERSAL AS A DEMOGRAPHIC PATTERN IN PREHISTORY?**  
Mueller, Johannes - Bilotti, Giacomo - Laabs, Juliane - Kerig, Tim - Müller-Scheeßel, Nils (Institute of Prehistoric and Protohistoric Archaeology Kiel)
- 9:45 **POPULATION CHANGE AND FIRE HISTORY DURING THE HOLOCENE IN THE IBERIAN PENINSULA**  
Sweeney, Luke (School of Archaeology, Geography and Environmental Science - SAGES, University of Reading) - Vander Linden, Marc (Institute for the Modelling of Socio-Environmental Transitions, Bournemouth University) - Harrison, Sandy (School of Archaeology, Geography and Environmental Science - SAGES, University of Reading)
- 10:00 **PEOPLE, HOUSES AND SETTLEMENTS: SMALL-SCALE DEMOGRAPHIC APPROACHES IN THE STUDY OF NEOLITHIC AND BRONZE AGE NORTHERN EUROPE**  
Bilotti, Giacomo (Christian-Albrechts-Universität zu Kiel)
- 10:15 **FROM POINT TO PATTERN, AND PATTERN TO POPULATION - A DIACHRONIC STUDY OF POPULATION DYNAMICS IN SOUTHEAST SCOTLAND**  
Cowley, Dave (HES Historic Environment Scotland; Department of Archaeology, University of Ghent)
- 10:30 **DISCUSSION SLOT**
- 10:45 **A CENTURY IN THE LAND OF ICE AND FIRE: THE SETTLEMENT OF ICELAND**  
Cartwright, Rachel (University of Minnesota)
- 11:00 **PEOPLE AND HOUSEHOLD IN TERRAMARA SETTLEMENTS. A FLOOR AREA APPROACH REVISED**  
Vicenzutto, David (Università degli Studi di Padova. Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica)
- 11:15 **THE INTERPLAY OF DEMOGRAPHY AND POLITICAL ECONOMY: ASSESSING THE IMPACT OF THE EGYPTIAN LATE BRONZE AGE DEPORTATION POLICIES**  
Langer, Christian (Peking University)
- 11:30 **AN ATTEMPT TO ESTIMATE THE POPULATION SIZE OF SARMIZEGETUSA REGIA, THE CAPITAL OF THE DACIAN KINGDOM**  
Petan, Aurora (Study Centre of Dacica Foundation)

- 11:45 **A COMPARISON OF THE RELATIONSHIP BETWEEN SUBADULTS AGE-AT-DEATH AND LONG BONE GROWTH FROM MEDIEVAL ENGLISH URBAN CITIES**  
White, Sina (University of Kent, School of Anthropology and Conservation, Skeletal Biology Research Centre) - Newman, Sophie (University of Sheffield, Department of Archaeology) - Primeau, Charlotte (University of York, Department of Archaeology) - Deter, Chris (University of Kent, School of Anthropology and Conservation, Skeletal Biology Research Centre)

12:00 **DISCUSSION SLOT**

### POSTERS:

- A. **POPULATION DYNAMICS IN THE WESTERN SCHELDT BASIN FROM THE MESOLITHIC PERIOD TO THE IRON AGE: SPDS AND SETTLEMENT DATA**  
Van Maldegem, Elliot - Crombé, Philippe (Ghent University)

## 350 KEEPING APART AND COMING TOGETHER: MOBILITY RESTRICTIONS AND CONFINEMENT AS HEALTH PRACTICES IN A LONGUE DURÉE PERSPECTIVE

Time: 14:30 - 18:00 CEST, 11 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Regular session

Organisers: Cianciosi, Alessandra - Zaneri, Taylor (University of Amsterdam) - Paziienza, Annamaria (Ca' Foscari University of Venice)



### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **VILLA ESTATE AGRICULTURE AND MALARIA IN ROMAN CENTRAL ITALY: A DIACHRONIC STUDY OF AN UNFOLDING ENTANGLEMENT**  
Pickel, David (Stanford University)
- 15:00 **ENVIRONMENTAL DETERMINISM AND MOBILITY PRACTICES IN EARLY MEDIEVAL EUROPE: PRELIMINARY NOTES**  
Paziienza, Annamaria (Ca' Foscari University, Venice; University of Nevada, Reno)
- 15:15 **DISCUSSION SLOT**
- 15:30 **"PRO MAIORE SANITATE HOMINUM CIVITATIS...ET BORGORUM". HYGIENE IN THE LATE MEDIEVAL CITIES OF EMILIA ROMAGNA**  
Sabbionesi, Lara (Soprintendenza Archeologia, Belle Arti e Paesaggio per la città metropolitana di Bologna e le province di Modena, Reggio Emilia e Ferrara)
- 15:45 **MANAGING MOVEMENT AND PUBLIC HEALTH IN MEDIEVAL BOLOGNA**  
Zaneri, Taylor (University of Amsterdam)
- 16:00 **PAVING STREETS TO PURGE MEDIEVAL CITIES FROM FILTH, TRAFFIC CONGESTION AND TO FAVOUR HUMAN MOBILITIES (GHENT, XIVTH-XVTH CENTURIES)**  
Hermenault, Léa (Universiteit van Amsterdam)
- 16:15 **DISCUSSION SLOT**
- 16:30 **THE USE OF QUARANTINE IN THE INDIAN OCEAN WORLD DURING THE NINETEENTH CENTURY: AN ARCHAEOLOGICAL APPROACH**  
Cianciosi, Alessandra (University of Amsterdam; Stanford University)
- 16:45 **POTENTIALITIES IN USAGE OF HISTORICAL SOURCES FOR ANALYSING HEALTH CRISES IN MAURITIUS THROUGH A LONGUE DURÉE APPROACH**  
Deerpaul, Yadhav (Department of History, Iowa State University)
- 17:00 **DISCUSSION SLOT**

## 352 EMPOWERING THE VOICELESS. THE ROLE OF THE RURAL POPULATION IN STATE BUILDING AND CHRISTIANISATION IN EAST-CENTRAL EUROPE

Time: 9:00 - 12:30 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Vargha, Maria (University of Vienna; Charles University, Prague) - Stefan, Ivo (Charles University, Prague) - Rácz, Tibor (Ferenczy Museum Center)



### ABSTRACTS

- 9:00 **SACRIECE – THE EXAMPLE OF HUNGARY**  
Vargha, Maria (Charles University, Prague)
- 9:15 **CHRISTIANIZATION OF RURAL COMMUNITIES AS A NEGOTIATION PROCESS: THE CASE OF THE CZECH LANDS, 10TH - 13TH CENTURIES**  
Stefan, Ivo (Department of Archaeology, Charles University Prague)
- 9:30 **QUALITATIVE DATA – NEGLECTED DATA OR ANOTHER PIECE IN THE MOSAIC?**  
Janovský, Martin (Czech University of Life Sciences; Charles University)
- 9:45 **DISCUSSION SLOT**
- 10:00 **THE EMERGING PROCESS OF THE LATE MEDIEVAL PARISH NETWORK**  
F. Romhányi, Beatrix (Károli Gáspár University of the Reformed Church)
- 10:15 **CHRISTIANIZATION OF MEDIEVAL BOHEMIA IN THE PERSPECTIVE OF ARCHEOLOGY**  
Cechura, Martin (The Museum of West Bohemia, Pilsen)
- 10:30 **THE GREAT MORAVIAN HILLFORT BOJNÁ-VALY AND ITS SURROUNDING**  
Robak, Zbigniew (Slovak Academy of Sciences)
- 10:45 **DISCUSSION SLOT**
- 11:00 **LIFE AND DEATH ON THE RIVERBANKS: ‘DEVIANT’ BURIAL PRACTICES FROM MEDIEVAL RURAL CEMETERIES IN THE IRON GATES REGION**  
Parvanov, Petar (Department of Medieval Studies, Central European University)
- 11:15 **KNIGHTS HOSPITALER AND CONSOLIDATION OF CHRISTIANITY: INDICATIONS OF RELIGIOUS CHANGES AND SOCIO-POLITICAL PROCESSES IN THE ARCHAEOLOGICAL RECORD**  
Belaj, Juraj (Institute of Archaeology) - Sirovica, Filomena (Archaeological Museum in Zagreb) - Karbić, Marija (Croatian Institute of History)
- 11:30 **DISCUSSION SLOT**

## 362 MOUNDS AND MONUMENTALITY IN BROADER PERSPECTIVES: DIGITAL AND NON-DIGITAL TECHNIQUES TO EXPLORE PAST BARROW LANDSCAPES

Time: 9:00 - 13:00 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Carrero-Pazos, Miguel (UCL Institute of Archaeology) - Rodríguez del Cueto, Fernando (University of Oviedo) - Szubski, Michał (Cardinal Stefan Wyszyński University in Warsaw)

### ABSTRACTS

- 9:00 **XIX-TH C. MAPS AND TOPOGRAPHIC DOCUMENTATION AS THE SOURCE OF EVIDENCE OF THE DESTROYED BURIAL MOUNDS (SUZDAL OPOLIE)**  
Erokhin, Sergey (Institute of Archaeology, Russian Academy of Sciences) - Krasnikova, Anna (State Historical Museum) - Makarov, Nikolai - Ugulava, Nani - Milovanov, Sergey (Institute of Archaeology, Russian Academy of Sciences)

- 9:15 **REDISCOVERED MOUNDS IN NORTHERN JUTLAND, DENMARK - A CARTOGRAPHICAL SURVEY**  
Haue, Niels (Historical Museum of Northern Jutland)
- 9:30 **MORTUARY HOUSE SEEN AS ANOMALY IN MAGNETOMETRY OF A DOUBLE-BARROW. CASE STUDY OF MIDDLE BRONZE AGE CEMETERY OF BUKIVNA (UKRAINE)**  
Romaniszyn, Jan - Niebieszczański, Jakub - Cwaliński, Mateusz (Faculty of Archaeology, Adam Mickiewicz University in Poznan) - Rud, Vitaliy (Institute of Archaeology, National Academy of Sciences of Ukraine in Kyiv) - Hildebrandt-Radke, Iwona (Department of Quaternary Geology and Palaeogeography, Faculty of Geographical and Geological Sciences, Adam Mickiewicz University in Poznań) - Sychalski, Waldemar (Department of Soil Science and Land Protection, Faculty of Agronomy and Bioengineering, Poznań University of Life Science) - Jarosz, Paweł (Institute of Archaeology and Ethnology Polish Academy of Sciences in Kraków) - Bahyrycz, Cezary (Faculty of Archaeology, Adam Mickiewicz University in Poznań) - Staniuk, Robert (Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität in Kiel) - Makarowicz, Przemysław (Faculty of Archaeology, Adam Mickiewicz University in Poznan)
- 9:45 **DISCUSSION SLOT**
- 10:00 **LATE VIKING-AGE BURIAL SITES IN SUZDAL’ OPOLIE (CENTRAL RUSSIA): MULTIDISCIPLINARY RESEARCH AT GNEZDILOVO**  
Krasnikova, Anna (State Historical Museum) - Makarov, Nikolai (Institute of Archaeology, Russian Academy of Sciences) - Modin, Igor (Moscow State University) - Erokhin, Sergey - Schevchenko, Vladimir - Ugulava, Nani - Milovanov, Sergey (Institute of Archaeology, Russian Academy of Sciences)
- 10:15 **INTERPRETING ALS DATA OF HISTORICAL LANDSCAPE IN THE FOREST ZONE OF THE EUROPEAN PART OF RUSSIA. CAPABILITIES, ISSUES AND VISUALIZATION**  
Novikov, Vasily (The Russian Academy of Sciences Institute of Ethnology and Anthropology - IEA; Energotransproekt) - Kainov, Sergey (State Historical Museum, Russia) - Goriacheva-Dorodnix, Svetlana (Energotransproekt) - Goriachev, Ivan (Paleoethnology Research Center) - Sagmanova, Gulnaz (Kazan Federal University - KFU) - Dozorcheva, Evgenia (Universita ha-Ivrit bi-Yerushalayim - HUJI) - Kurilenko, Dmitriy (Energotransproekt) - Vlasov, Dmitry (Energotransproekt; Moscow State University - MSU)
- 10:30 **ACCESSING THE PREHISTORIC TELLS IN THE BALKANS**  
Naumov, Goce (Center for Prehistoric Research / Goce Delčev University)
- 10:45 **DISCUSSION SLOT**
- 11:00 **REDEFINING PAST MOUNDSCAPES IN THE ROMAN-PERIOD GREAT HUNGARIAN PLAIN**  
Masek, Zsófia (Institute of Archaeology, Research Centre for the Humanities, Budapest)
- 11:15 **THE VISIBILITY AS A LOCATIONAL FACTOR IN THE MEGALITHS OF SOUTHERN GALICIA**  
Carrero-Pazos, Miguel (UCL Institute of Archaeology)
- 11:30 **ROCKS AND KINSHIP: RECONSTRUCTING THE FUNERARY LANDSCAPE OF EASTERN SUDAN**  
Costanzo, Stefano (Dipartimento Asia, Africa e Mediterraneo, Università degli Studi di Napoli “L’Orientale”) - Brandolini, Filippo (McCord Centre for Landscape - School of History, Classics and Archaeology, Newcastle University) - Ahmed, Habab (NCAM - National Corporation for Antiquities and Museums, Khartoum) - Zerboni, Andrea (Dipartimento di Scienze della Terra ‘A. Desio’, Università degli Studi di Milano) - Manzo, Andrea (Dipartimento Asia, Africa e Mediterraneo, Università degli Studi di Napoli “L’Orientale”)
- 11:45 **DISCUSSION SLOT**
- 12:00 **HERE IS THE BARROW AND WHAT NEXT ...**  
Wawrzyniuk, Joanna (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)
- 12:15 **MOUNDSCAPES OF THE BIELSKA PLAIN – SUMMARY ATTEMPT**  
Szubski, Michał (Cardinal Stefan Wyszyński University in Warsaw)
- 12:30 **DISCUSSION SLOT**

## 375 ARCHAEOLOGY, LANGUAGE AND LANDSCAPE

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Klir, Tomas (Charles University, Faculty of Arts, Department of Archaeology) - Zschieschang, Christian (Serbski institut – Sorbisches Institut, Wótnožka za dolnosěrbske slěženja – Zweigstelle für niedersorbische Forschungen, Chóšebuz – Cottbus) - Jansens, Nicolas (Heidelberg University, Institute of Slavic Studies; Charles University, Faculty of Arts, Department of Archaeology)

### ABSTRACTS

- 14:30 **NAMING HILLS, CREATING LANDSCAPES: AN APPROACH TO THE SOCIAL CONSTRUCTION OF THE MALDONADO HILLS, URUGUAY**  
Aguirrezábal, Diego (LAPPU/FHCE/UDELAR)
- 14:45 **BETWEEN THE PLACES OF FLORISTS, ARCHERS, FEATHERS AND STONES. REINVENTING THE SIGNIFICANCE OF TETZCOTZINCO IN THE PRE-HISPANIC ACOLHUACAN**  
Prusaczyk, Daniel (Institute of Iberian and Ibero-American Studies, University of Warsaw)
- 15:00 **THE ALVA STRA PILE DWELLING: A NEOLITHIC SETTING FOR THE COLLECTIVE FEMALE DEITIES, THE DÍ SIR**  
Battaglia, Frank (College of Staten Island/ City University of New York)
- 15:15 **PLACE-NAMES, LANDSCAPE AND ARCHAEOLOGY IN THE RECONSTRUCTION OF THE WEST SLAVIC EARLY MIDDLE AGES**  
Zschieschang, Christian (Sorbisches Institut, Zweigstelle für niedersorbische Forschungen)
- 15:30 **DIGGING ON THE EDGE. THE EARLY HISTORY OF THE POLISH-RUTHENIAN BORDER ZONE**  
Woloszyn, Marcin (Institute of Archaeology, University of Rzeszów; Leibniz Institute for the History and Culture of Eastern Europe - GWZO) - Zschieschang, Christian (Sorbisches Institut, Zweigstelle für niedersorbische Forschungen)
- 15:45 **PLACE NAMES OR COMMUNITY NAMES - AN ATTEMPT TO DECODE ROCK ART SIGNS AS EMBLEM GLYPHS**  
Juszczak, Karolina (University of Warsaw)
- 16:00 **DISCUSSION SLOT**
- 16:15 **FROM BORDER FOREST TO AGRICULTURAL SETTLEMENTS. HIGH MEDIEVAL LANDSCAPE CHANGE BASED ON LINGUISTIC AND ARCHAEOLOGICAL EVIDENCE IN THE HANOVERIAN WENDLAND**  
Hardt, Matthias (GWZO) - Schneeweiß, Jens (Exzellenzcluster ROOTS, ZBSA, Stiftung Schleswig-Holsteinische Landesmuseen Schloß Gottorf)
- 16:30 **THE MATERIAL AND SYMBOLIC CONSTRUCTION OF VILLAGE TERRITORIALITY IN NORTHWESTERN IBERIA**  
Menendez Blanco, Andres (Università di Genova) - Fernández Fernández, Jesús (University College London)
- 16:45 **ARCHAEOLOGY AND LANDSCAPE IN CENTRAL SICILY. FROM CASTLE OF TAVI TO "NEW TOWN" OF LEONFORTE.**  
Patti, Daniela (University of Enna)
- 17:00 **TWO LANGUAGES, ONE LANDSCAPE**  
Klir, Tomas (Charles University, Faculty of Arts, Department of Archaeology) - Jansens, Nicolas (University Heidelberg, Slavisches Institut; Charles University, Faculty of Arts, Department of Archaeology)
- 17:15 **HARNESSING HIGHER-ORDER EVIDENCE IN TOPONIMASTIC DATA AND THE CHALLENGE OF INTERDISCIPLINARITY**  
Jansens, Nicolas (Heidelberg University; Charles University)
- 17:30 **DISCUSSION SLOT**

### POSTERS:

- A. **THE POWER OF ROMAN PLACE NAMES IN SOUTH HISPANIA**  
España-Chamorro, Sergio (Universidad Complutense de Madrid; Institut Ausonius - UMR 5607, Bordeaux)
- B. **HINTS FOR NATURAL AND ANTHROPIC LANDSCAPES IN CORSICA ISLAND. TOPONYMIC ISSUES IN DIALOGUE WITH WRITTEN SOURCES AND ARCHAEOLOGICAL EVIDENCE**  
Piccardi, Eliana (Independent researcher)

## 382 FROM THE FIELD TO THE COMPUTER. THE VALIDITY OF QUANTITATIVE METHODS REGARDING THE QUALITY OF ARCHAEOLOGICAL DATA

Time: 14:30 - 18:00 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Cortell-Nicolau, Alfredo - Pardo-Gordó, Salvador (Departament de Prehistòria, Arqueologia i Història Antiga. Universitat de València) - Perrin, Thomas (Université Toulouse. CNRS)

### ABSTRACTS

- 14:30 **WHO CARVED? RUNIC INSCRIPTIONS FROM BERGEN, NORWAY**  
Magin, Elisabeth (University of Nottingham)
- 14:45 **OBJECT TO SCREEN: RUNIC INSCRIPTIONS, LEGACY DATA AND A RELATIONAL DATABASE**  
Magin, Elisabeth (University of Nottingham)
- 15:00 **A GLITCH IN THE MATRIX? HOW RE-USEABLE IS THE STRATIGRAPHIC DATA WE RECORD, ANALYSE, SYNTHESIZE OR PUBLISH?**  
May, Keith (HE - Historic England; University of South Wales) - Taylor, James (University of York) - Binding, Ceri (University of South Wales)
- 15:15 **TRUST IN NUMBERS OR TRUST IN DIGGERS? QUANTITATIVE AND SIMULATION-BASED METHODS TO ASSESS FIELD DATA QUALITY: STRATIGRAPHY AND REFITTING ANALYSIS**  
Plutniak, Sébastien (TRACES laboratory, Toulouse, France; Centre Émile Durkheim, Bordeaux)
- 15:30 **DISCUSSION SLOT**
- 16:00 **NEW UNCERTAIN PREHISTORIC SITES: CONFRONTING ARCHAEOLOGICAL PALIMPSESTS USING BAYESIAN PROBABILISTIC METHODS APPLIED TO LITHIC ARTIFACTS.**  
Gironès Rofes, Ivan (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Pardo Gordó, Salvador (Departamento de Geografía e Historia. Universidad de La Laguna) - Molist Montaña, Miquel (Departament de Prehistòria. Universitat Autònoma de Barcelona)
- 16:15 **INTEGRATING DATA FROM OTHER SOURCES AND EXPANDING THE ARCHAEOLOGICAL PERSPECTIVE: A CASE FROM ANATOLIA**  
Arikan, Bulent (Istanbul Technical University)
- 16:30 **MANUAL AND AUTOMATED REDISCOVERY OF SMALL VILLAGE PONDS IN NORTHWEST INDIA, AND POTENTIAL CONTRIBUTIONS TO RESILIENT AND SUSTAINABLE WATER MANAGEMENT**  
Green, Adam (University of Cambridge) - Garcia-Molsosa, Arnau (Catalan Institute of Classical Archaeology) - Alam, Aftab (Banaras Hindu University) - Orengo, Hector (Catalan Institute of Classical Archaeology) - Petrie, Cameron (University of Cambridge)
- 16:45 **DISCUSSION SLOT**

## 383 SOCIAL TRANSFORMATIONS IN ANCIENT CYPRUS

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Zeman-Wisniewska, Katarzyna (Uniwersytet Kardynała Stefana Wyszyńskiego w Warszawie) - Recht, Laerke (University of Graz) - Georgiou, Artemis (Cyprus American Archaeological Research Institute)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 INTER-PERIOD TRANSITIONS: EXPLORING THE LONG-TERM HISTORY OF THE ACERAMIC NEOLITHIC THROUGH THE NEW CASE STUDY OF PYRGOS AYIA MARINA  
Chelazzi, Francesca (University of Glasgow) - Menozzi, Oliva (Università 'G. D'Annunzio' di Chieti e Pescara) - Agostini, Silvano (Centro di Ateneo di Archeometria e Microanalisi - Università 'G. D'Annunzio' di Chieti e Pescara) - Ciarico, Alessandra - Di Valerio, Eugenio (Università 'G. D'Annunzio' di Chieti e Pescara)
- 9:30 VARIATIONS ON A THEME: REASSESSING THE PHILIA CONUNDRUM  
Paraskeva, Charalampos (Archaeological Research Unit, University of Cyprus)
- 9:45 DISCUSSION SLOT
- 10:00 BREAKING BOUNDARIES: EXAMINING TRANSITIONAL PERIODS AND TECHNOLOGICAL CHOICES IN PREHISTORIC SOUTH-WEST CYPRUS THROUGH POTTERY ANALYSIS  
Menelaou, Sergios (University of Cyprus, Archaeological Research Unit) - Bolger, Diane (University of Edinburgh School of History, Classics and Archaeology) - Bombardieri, Luca (University of Turin) - Crewe, Lindy (Cyprus American Archaeological Research Institute)
- 10:15 ABANDONMENT PRACTICES IN THE TRANSFORMATIVE MIDDLE BRONZE AGE CYPRUS  
Amadio, Marialucia (Dipartimento di Civiltà e Forme del Sapere, Università di Pisa) - Bombardieri, Luca (DF-CLAM, Università di Siena)
- 10:30 TRADITION AND INNOVATION DURING THE 12TH-TO-11TH CENTURY BC TRANSITION IN CYPRUS: NEW DATA FROM THE KITION-BAMBOULA SETTLEMENT  
Georgiou, Artemis - Georgiadou, Anna (University of Cyprus) - Fourier, Sabine (Laboratoire HiSoMA, Maison de l'Orient et de la Méditerranée)
- 10:45 DISCUSSION SLOT
- 11:00 TRANSFORMATION & DEEP TIME: ANIMALS IN PREHISTORIC CYPRUS  
Recht, Laerke (University of Graz)
- 11:15 DOVES AND PIGEONS IN THE BRONZE AGE CYPRUS - TRACING CHANGING HUMAN-BIRD RELATIONS  
Zeman-Wisniewska, Katarzyna (Uniwersytet Kardynała Stefana Wyszyńskiego w Warszawie)
- 11:30 FARMING THE BIG ISLANDS OF THE MEDITERRANEAN: CRETE AND CYPRUS IN THE BRONZE AGE  
Margaritis, Evi - Henkel, Carly (The Cyprus Institute)
- 11:45 DISCUSSION SLOT
- 12:00 CYPRUS™: LOOKING FOR BRANDING PRACTICES IN LATE BRONZE AGE CYPRUS  
Meneghetti, Francesca (Independent researcher)
- 12:15 FROM ISOLATED DATA SILOS TO AN INTEGRATED AND MULTI-PROXY REGIONAL SYNTHESIS. INSIGHTS IN A PAN-MEDITERRANEAN APPROACH TO HUMAN-ENVIRONMENT-CLIMATE INTERACTION  
Chelazzi, Francesca (University of Glasgow)
- 12:30 POLYGONAL COLUMNS IN ARCHAIC CYPRUS  
Emanuelsson-Paulson, Therese (Classical Archaeology and Ancient History, Department of Archaeology and Ancient History, Stockholm University)
- 12:45 DISCUSSION SLOT

- 14:30 BETWEEN THE KINYRAD TRADITION AND THE COSMOPOLITAN NEA PAPHOS  
Mlynarczyk, Jolanta (University of Warsaw)
- 14:45 CULTURAL SHIFT OR SHORT FASHION? HELLENISTIC BRAZIER FROM THE AGORA OF NEA PAPHOS, CYPRUS IN A GEO-POLITICAL AND SOCIO-ECONOMIC CONTEXT  
Nocon, Kamila (The Polish Centre of Mediterranean Archaeology, University of Warsaw)
- 15:00 MOVING WITH THE TIMES: SOCIAL CHANGE AND RITUAL MOVEMENT IN CYPRUS  
Wink, Sarah (University of Glasgow)
- 15:15 DISCUSSION SLOT

## 395 WHO WERE THE FIRST POTTERS? CURRENT RESEARCH IN EARLY POTTERY PRODUCTION IN WESTERN EURASIA. PART 2

Time: 9:00 - 13:00 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Spataro, Michela (The British Museum) - Dolbunova, Ekaterina (The State Hermitage Museum) - Mylnikova, Liudmila (Siberian Branch Institute of Archaeology and Ethnography of the Russian Academy of Sciences)

### ABSTRACTS

- 9:00 EARLY NEOLITHIC POTTERY AT SCHELA CLADOVEI. A COMPARATIVE STUDY OF ARCHAEOLOGICAL AND EXPERIMENTAL VESSELS FROM THE PERSPECTIVE OF COMPUTED TOMOGRAPHY  
Opris, Vasile (Bucharest Municipality Museum) - Boroneant, Adina ('Vasile Pârvan' Institute of Archaeology) - Petrunec, Marta - Focsaneanu, Marin - Sirbu, Robert - Constantin, Florin ('Horia Hulubei' National Institute of Physics and Nuclear Engineering) - Bonsall, Clive (University of Edinburgh) - Golea, Mihaela ('Vasile Pârvan' Institute of Archaeology)
- 9:15 DIVERSIFICATION OF POTTERY STYLES AS A RESULT OF MULTICULTURAL CHANGE DURING THE MID-6TH MILLENNIUM BC IN THE SOUTHERN CARPATHIAN BASIN  
Botic, Katarina (Institute of Archaeology, Zagreb)
- 9:30 TECHNOLOGICAL CHARACTERIZATION OF NEOLITHIC POTTERY FROM THE SITE OF LUGO DI GREZZANA (VERONA - ITALY)  
Ciela, Marika - Tavella, Andrea - Pedrotti, Annaluisa (LaBAAF - University of Trento)
- 9:45 DISCUSSION SLOT
- 10:00 YOU WILL KNOW THEM BY THEIR POTTERY... THE POTTERY OF THE EARLY NEOLITHIC (5700- 4700 BCE) IN THE WESTERN MEDITERRANEAN  
García-Martínez De Lagrán, Íñigo (UNED) - Molina, Lluís - Bernabeu, Joan (Universitat de Valencia) - Manen, Claire (CNRS - Université de Toulouse-Jean Jaurès) - Rojo, Manuel A. (Universidad de Valladolid) - Arcusa, Héctor - Laborda, Rafael (Professional Archaeologist)
- 10:15 ORIGIN AND SPREAD OF ANTHROPOMORPHIC-POT FROM THE NEAR EAST TO EUROPE BETWEEN THE 7TH-6TH MILLENNIUM BC  
Bersani-Pancheri, Monica - Pedrotti, Annaluisa (University of Trento)
- 10:30 ADDED TEMPERS AND WAYS OF DOING IN THE FIRST POTTERY PRODUCTIONS  
Clop García, Xavier (ARCHAEOM, Department of Prehistory, Autònoma de Barcelona University)
- 10:45 DISCUSSION SLOT
- 11:00 TECHNOLOGICAL TRANSFER IN PRODUCTION OF MAJIAYAO-STYLE POTTERY BETWEEN NEOLITHIC COMMUNITIES IN NORTHWEST CHINA  
Dammer, Evgenia (University of Oxford; The British Museum, Department of Scientific Research)

- 11:15 **COMPARATIVE ANALYSIS OF CERAMICS THE VOLOSOV CULTURE OF THE UPPER AND MIDDLE VOLGA REGIONS (BASED ON TECHNICAL AND TECHNOLOGICAL ANALYSIS)**  
Andreeva, Olga (Samara State University of Social Sciences and Education)
- 11:30 **TECHNOLOGICAL VARIABILITY IN THE EARLY CHALCOLITHIC POTTERY PRODUCTION FROM EASTERN ROMANIA**  
Matau, Florica (ARHEOINVEST Center - Science Department, Interdisciplinary Research Institute, Alexandru Ioan Cuza University of Iasi)
- 11:45 **DISCUSSION SLOT**

#### POSTERS:

- A. **EARLY NEOLITHIC CERAMICS OF THE BARABA FOREST-STEPPE: INSTRUMENTAL ANALYSIS**  
Mylnikova, Liudmila - Molodin, Vyacheslav (Siberian Branch Institute of Archaeology and Ethnography of the RAS)

## 402 CLIMATE AND ENVIRONMENTAL CHANGE IN THE NILE VALLEY

Time: 16:30 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Discussion session

Organisers: Panagiotakopulu, Eva (School of GeoSciences, University of Edinburgh) - Sigl, Johanna (Kommission für Archäologie Außereuropäischer Kulturen - KAAK)

#### ABSTRACTS

- 16:30 **INTRODUCTION**
- 16:45 **NILE FLOODS DURING THE LAST AFRICAN HUMID PERIOD: A SEASONAL RECORD FROM THE DEEP-SEA FAN**  
Blanchet, Cecile - Arne, Ramisch - Rik, Tjallingii - Achim, Brauer (GFZ Potsdam)
- 17:00 **CHANGING DESERT LANDSCAPES: PAST AND PRESENT LAND USE IN THE NORTHERN DONGOLA REACH, SUDAN**  
Sevara, Christopher (Newcastle University) - Minor, Elizabeth (Wellesley College) - Fera, Martin (University of Vienna) - Oliver, Kalei (Wellesley College) - Schellinger, Sarah (Ohio State University) - El-Hassan (Sokhari), Ahmed (National Corporation for Antiquities and Museums, Sudan)
- 17:15 **CLIMATE CHANGE, HUMAN IMPACT AND INSECT FAUNAS FROM THE NILE VALLEY**  
Panagiotakopulu, Eva (School of GeoSciences, University of Edinburgh)
- 17:30 **DISCUSSION SLOT**

## 427 ISLAND SUSTAINABILITY AND RESILIENCE IN EUROPE: ARCHAEOLOGICAL, PALAEOECOLOGICAL AND HISTORICAL APPROACHES

Time: 9:00 - 16:00 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Brown, Antony (Tromsø Museum, Arctic University of Norway) - Downes, Jane (University of the Highlands and Islands, Archaeology Institute) - Wickler, Stephen (Tromsø Museum, Arctic University of Norway) - Martinsson-Wallin, Helene (Department of Archaeology and Ancient History, Uppsala University, Campus Gotland)

#### ABSTRACTS

- 9:00 **INTRODUCTION**

- 9:15 **ISLAND-RESILIENCE-IN-THE-FACE-OF-VIKING-RAIDS-AND-POLITICAL-RESTRUCTURING-DURING-THE-1ST-MILLENNIUM-AD: COMBINING-ARCHAEOLOGICAL,-HISTORICAL-AND-PALAEOECOLOGICAL-APPROACHES-TO-BETTER-UNDERSTAND-SOCIAL-TRANSFORMATIONS-ON-THE-ISLAND-OF-IONA**  
Jones, Samantha (University of Aberdeen) - Allison, Enid (Canterbury Archaeological Trust) - Campbell, Ewan (University of Glasgow) - Evans, Nick - Mighall, Tim - Noble, Gordon (University of Aberdeen)
- 9:30 **THE NATURE AND DISTRIBUTION OF DEEPENED RIGGED AGRICULTURAL LANDSCAPES WITHIN LOCH/ LOUGH CATCHMENTS ACROSS ISLANDS IN THE SEA OF MOYLE**  
Pears, Ben (University of Southampton) - Brown, Antony (Tromsø Museum, UiT, Tromsø, Norway; University of Southampton) - Fonville, Thierry (University of Southampton)
- 9:45 **RECONSTRUCTING POPULATION DYNAMICS USING FAECAL LIPID BIOMARKERS TO CHARACTERISE WAVES OF COLONIZATION IN THE SEA OF MOYLE**  
Mackay, Helen (Durham University; Newcastle University) - Henderson, Andrew (Newcastle University) - Fonville, Thierry - Pears, Ben (University of Southampton) - van Hardenbroek, Maarten (Newcastle University) - Plunkett, Gill - Gleeson, Paddy (Queen's University Belfast) - Alsos, Inger (Tromsø Museum, Arctic University of Norway) - Brown, Tony (Tromsø Museum, Arctic University of Norway; University of Southampton)
- 10:00 **HUMAN-ENVIRONMENT DYNAMICS AND MARITIME IDENTITIES IN ARCTIC NORWAY'S SEA OF ISLANDS SINCE THE IRON AGE**  
Wickler, Stephen Kent (The Arctic University Museum of Norway, UiT The Arctic University of Norway)
- 10:15 **DISCUSSION SLOT**
- 10:30 **'A CHALLENGING ENVIRONMENT': SOILS AND LAND USE HISTORY ON TORY ISLAND/OILEÁN THORAÍ, CO. DONEGAL**  
Brown, Antony (University of Southampton; Arctic University of Norway, Tromsø) - Pears, Ben (University of Southampton) - Gleeson, Patrick (Queens University Belfast) - Ice, Brendon (Digventures Ltd.)
- 10:45 **DNA EVIDENCE IN LAKE SEDIMENTS USED TO RECONSTRUCT LONG TERM LAND USE CHANGES ON SCOTTISH ISLANDS**  
Fonville, Thierry - Pears, Ben (University of Southampton) - Alsos, Inger (Tromsø Museum, Arctic University of Norway) - Mackay, Helen (Durham University) - van Hardenbroek van Ammerstol, Maarten - Henderson, Andrew (Newcastle University) - Plunkett, Gill - Gleeson, Patrick (Queen's University Belfast) - Brown, Antony (University of Southampton; Tromsø Museum, Arctic University of Norway)
- 11:00 **LATE-HOLOCENE ANTHROPOGENIC DISTURBANCE ON ISLAY, INNER HEBRIDES: A PALYNOLOGICAL RECORD FROM LOCH FINLAGGAN**  
Ellis, Natalie (Newcastle University) - Pears, Ben (University of Southampton) - van Hardenbroek, Maarten (Newcastle University) - Henderson, Andrew (Newcastle University) - Scaife, Robert (University of Southampton) - Langdon, Catherine - Fonville, Thierry - Brown, Tony (University of Southampton)
- 11:15 **LANDSCAPES OF CHANGE: ARCHAEOLOGIES OF HISTORIC PERIOD CHANGE ON THE ISLAND OF ROUSAY, ORKNEY**  
Harland, Jennifer - Mainland, Ingrid - Gibbon, Sarah Jane (University of the Highlands and Islands)
- 11:30 **LINDISFARNE - ISLAND IN THE STREAM**  
Wilkins, Brendon (DigVentures; University of Leicester) - Petts, David - Kahlenberg, Raphael (Dept. of Archaeology, Durham University)
- 11:45 **DISCUSSION SLOT**
- 12:00 **MAKING VISIBLE THE INVISIBLE. THE ROLE OF GEOARCHAEOLOGY TO RECONSTRUCT PAST HUMAN-ENVIRONMENT INTERACTIONS IN MEDITERRANEAN ISLANDS**  
Revelles, Jordi (Institut Català de Paleocologia Humana i Evolució Social - IPHES-CERCA / Universitat Rovira i Virgili) - Ghilardi, Matthieu (CEREGE, CNRS UMR 7330, Aix-Marseille University, IRD, Collège de France, INRAE)
- 12:15 **DELOS, A SMALL ROCK ISLAND: THE RELATIONS BETWEEN THE ESTABLISHMENT OF THE PAN-HELLENIC SANCTUARY AND THE USE OF NATURAL RESOURCES**  
Angliker, Erica (University of London, Institute of Classical Studies, Research Associate)



- 12:30 TRANSPORTED LANDSCAPES AND SOCIAL RESILIENCE IN THE BALEARIC ISLANDS SINCE PREHISTORY. THE STUDY-CASE OF SANTA PONÇA (MALLORCA, WESTERN MEDITERRANEAN)**  
Servera-Vives, Gabriel (Laboratorio di Palinologia e Paleobotanica. Dipartimento di Scienze della Vita. Università degli Studi di Modena e Reggio Emilia; ArqueoUIB, Departament de Ciències Històriques i Teoria de les Arts, Universitat de les Illes Balears) - Snitker, Grant (Department of Crop and Soil Sciences, College of Agricultural and Environmental Sciences. University of Georgia) - Gómez-Pujol, Lluís (Earth Sciences Research Group, Dept. of Biology. University of the Balearic Islands) - Picornell-Gelabert, Llorenç (ArqueoUIB, Departament de Ciències Històriques i Teoria de les Arts, Universitat de les Illes Balears) - Fornós, Joan J. (Earth Sciences Research Group, Dept. of Biology. University of the Balearic Islands) - Florenzano, Assunta (Laboratorio di Palinologia e Paleobotanica. Dipartimento di Scienze della Vita. Università degli Studi di Modena e Reggio Emilia) - Calvo Trias, Manuel (ArqueoUIB, Departament de Ciències Històriques i Teoria de les Arts, Universitat de les Illes Balears) - Mercuri, Anna Maria (Laboratorio di Palinologia e Paleobotanica. Dipartimento di Scienze della Vita. Università degli Studi di Modena e Reggio Emilia)
- 12:45 ASSESSING HUMAN DIET AND FOOD PROCESSING THROUGH ORAL HEALTH AND STABLE ISOTOPES DURING THE COLONIAL PERIOD IN GRAN CANARIA**  
Morquecho Izquier, Aarón - Brito-Mayor, Aitor - Santana Cabrera, Jonathan (G.I. Tarha. Department of Historical Sciences. University of Las Palmas de Gran Canaria)
- 14:30 FIRST STAGE ABROAD: NEW INSIGHTS INTO THE ANIMAL HUSBANDRY OF THE SPANISH COLONIAL PERIOD FROM SAN MARTIN (GRAN CANARIA)**  
Brito-Mayor, Aitor - Morquecho-Izquier, Aarón (G.I. Tarha. Department of Historical Sciences. University of Las Palmas de Gran Canaria) - Moreno-Benítez, Marco (Tibicena, Arqueología y Patrimonio) - Santana-Cabrera, Jonathan (G.I. Tarha. Department of Historical Sciences. University of Las Palmas de Gran Canaria)
- 14:45 DISCUSSION SLOT**

#### POSTERS:

- A. CORSICA BETWEEN LAND AND SEA: ENVIRONMENTAL RESOURCES AND PRODUCING DYNAMICS**  
Piccardi, Eliana (Independent researcher)

## 441 THE ARCHAEOLOGY OF COASTAL COMMUNITIES

Time: 11:00 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Wouters, Barbora (Vrije Universiteit Brussel) - Hansen, Gitte (University Museum of Bergen) - Lo Russo, Sarah (Vrije Universiteit Brussel; University of Basel)



#### ABSTRACTS

- 11:00 INTRODUCTION**
- 11:15 THE CHANGING ENVIRONMENT OF TYRRHENIAN COAST AND THE CHANGING FORTUNE OF LANDING PLACES OVER TIME**  
Citter, Carlo (University of Siena)
- 11:30 HUMAN-ENVIRONMENT INTERACTIONS IN NORTHERN DENMARK DURING 3000 YEARS OF COASTAL AND RESOURCE CHANGES**  
Kristiansen, Søren - Ljungberg, Thomas (Department of Geoscience, Aarhus University) - Christiansen, Torben (The Historical Museum of Northern Jutland) - Dalsgaard, Kristian (Department of Geoscience, Aarhus University) - Haue, Niels (The Historical Museum of Northern Jutland) - Greve, Mogens (Department of Agroecology, Aarhus University) - Nielsen, Bjarne (Vestthimmerlands Museum)
- 11:45 A HUNDRED DIFFERENT WAYS TO THE BEACH: WHY THE PATH TO THE SHORE MAY BE MORE SIGNIFICANT THAN YOU THINK**  
Johnson, Andrew (Manx National Heritage)

- 12:00 2500 YEARS OF HUMAN INTERACTION WITH THE SHORELINE AT TRONDHEIM, NORWAY**  
Cadamarteri, Julian (NIKU - Norwegian Institute for Cultural Heritage Research)
- 12:15 THE OLD "BAYE DE BRETAGNE": A MARITIME CULTURAL LANDSCAPE OF ATLANTIC FRENCH COAST**  
Gaelle, Dieulefet (UMR CRéAAH-LARA, Université de Nantes) - Pouzet, Pierre (UMR 6564 LETG, Université de Nantes)
- 12:30 HUMAN ADAPTATION TO LAKE LEVEL CHANGES IN THE LATE-HOLOCENE: KURSI BEACH AS AN EXAMPLE (SEA OF GALILEE, ISRAEL)**  
Giaime, Matthieu (Hatter Laboratory, Recanati Institute for Maritime Studies, Department of Maritime Civilizations, University of Haifa; Institut de Ciència i Tecnologia Ambientals - Universitat Autònoma de Barcelona) - Artzy, Michal - Cohen, Haim (Hatter Laboratory, Recanati Institute for Maritime Studies, Department of Maritime Civilizations, University of Haifa)
- 12:45 DISCUSSION SLOT**
- 14:30 DYNAMISM AT THE EDGE: CONNECTIVITY AND ISOLATION IN OILEÁN CHLÉIRE'S SEASCAPE**  
Kerr, Sarah (Aarhus University)
- 14:45 PORT COMMUNITIES AND THE TRANSFORMATION OF PORT CITIES AND HARBOURSIDES IN BRISTOL AND COPENHAGEN**  
Whatley, Stuart (University of Bristol; University of Cardiff)
- 15:00 DESTRUCTION AS CREATION. LAND DEVELOPMENT IN THE DESERTED 10TH-17TH CENTURY TOWN BORGUND, NORWAY**  
Hansen, Gitte (University Museum of Bergen, University of Bergen)
- 15:15 DISCUSSION SLOT**
- 15:30 INVESTIGATING SOCIAL RESILIENCE IN A LONG TERM PERSPECTIVE**  
Nordström, Annika (Dept of Archaeology and ancient history, Uppsala Univ)
- 15:45 THE EMERGING CERAMIC CRAFTSMANSHIP AT ROMAN PATRAS IN AN ERA OF MAJOR SOCIO-CULTURAL CHANGE**  
Kougia, Nickoula (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Reynolds, Paul (ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona; ICREA, Passeig Lluís Companys, Barcelona) - Iliopoulos, Ioannis (Department of Geology, University of Patras; ERAAUB, Departament d'Història i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona)
- 16:00 DISCUSSION SLOT**
- 16:15 APPLYING OPTICALLY STIMULATED LUMINESCENCE TO THE LATE BRONZE AGE ANCHORAGE OF MARONI-TSAROUKKAS, CYPRUS**  
Kapahnke, Sheri (Texas A&M University)
- 16:30 COASTAL NETWORKS: THE VIEW FROM GUADALUPE, HONDURAS**  
Fecher, Franziska (University of Zurich) - Reindel, Markus (German Archaeological Institute) - Fux, Peter (Museum Rietberg Zurich; University of Zurich) - Cruz Castillo, Oscar (Instituto Hondureño de Antropología e Historia) - Della Casa, Philippe (University of Zurich)
- 16:45 OBSIDIAN INTERCONNECTIONS ACROSS THE SEA: THE VIEW FROM THE ISLAND OF CYPRUS**  
Moutsiou, Theodora (Archaeological Research Unit, University of Cyprus)
- 17:00 DISCUSSION SLOT**
- 17:15 SEA FLOOR SURVEY OF ANCIENT MAYA WOODEN BUILDINGS PRESERVED BELOW THE SEA FLOOR**  
McKillip, Heather (Louisiana State University) - Sills, Elizabeth (University of Texas at Tyler)
- 17:30 WATER SYSTEMS IN RESPONSE TO ENVIRONMENTAL AND SOCIETAL CHANGES. THE CASE OF THE COASTAL SANCTUARY OF HERA AT SAMOS, GREECE**  
Androvitsanea, Anna (University of Applied Sciences of Lübeck)

17:45 FISHING LINE TECHNOLOGY IN PREHISPANIC SOUTH AMERICA. TIME, SPACE AND CONTEXT  
Flores Fernandez, Carola (Center for Advanced Studies in Arid Zones - CEAZA) - Torres, Jimena (Universidad de Magallanes)

18:00 DISCUSSION SLOT

## 442 MISUSE OF THE MEDIEVAL IN THE EARLY 21ST CENTURY

Time: 9:00 - 11:00 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Round tableco-organisers to be provided)

Organisers: Spangen, Marte (UiT - The Arctic University of Norway) - Sindbæk, Søren (Aarhus University)



### ABSTRACTS

The historical misuse of archaeology in order to defend and promote ideological standpoints is finding new expressions in the early 21st century, partly due to the development of communication technology and increasingly harsh debate rhetoric in politics and elsewhere. Social media and media in general are demonstrably aiding this development. This affects both the academic community as a whole and individual academics, whether these researchers are online and opposing the outputs or not. Perhaps more worryingly, various productions, commentaries, and debates based on false, skewed, and/or cherry-picked archaeological evidence influence public opinion concerning a series of central cultural-historical, social, and political issues today. This MERC roundtable session will focus on examples of misuse of the medieval in a variety of contexts and referring to a range of archaeological material and research. Furthermore, we wish to discuss the social responsibility and capability of academics to discuss and counter these tendencies in a fruitful way.

## 452 EUROPEAN CRYPT BURIALS II - A HERITAGE (STILL) AT RISK BETWEEN SCIENCE AND PUBLIC DISPLAY

Time: 9:00 - 11:00 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Discussion session

Organisers: Alterauge, Amelie (Institute of Archaeological Sciences, University of Bern; Institute of Pre- and Protohistory and Near Eastern Archaeology, University of Heidelberg) - Majorek, Magdalena (Institute of Archaeology, University of Lodz) - Grömer, Karina (Department of Prehistory, Natural History Museum Vienna) - Väre, Tiina - Lipkin, Sanna (Department of Archaeology, University of Oulu)



### ABSTRACTS

9:00 INTRODUCTION

9:15 OLD CRYPTS IN NEW SPLENDOR  
Ströbl, Regina - Ströbl, Andreas (Forschungsstelle Gruft)

9:30 CRYPT BURIALS IN GERMANY- PAST RESEARCH AND CURRENT TRENDS  
Alterauge, Amelie (University of Bern)

9:45 ON THE WAY TO A EUROPEAN COFFIN TYPOLOGY  
Ströbl, Regina - Ströbl, Andreas (Forschungsstelle Gruft)

10:00 TYPES AND IMPORTANCE OF PLANTS AND FLORAL ORNAMENTAL MOTIFS IN BURIALS FROM THE CRYPTS [17TH - 19TH CENTURIES IN POLAND]  
Majorek, Magdalena (University of Lodz; Institute of Archaeology)

10:15 MUMMIFICATION, PRESERVATION, AND DECAY IN FINNISH CRYPT BURIALS  
Väre, Tiina - Lipkin, Sanna - Kallio-Seppä, Titta - Junno, Juho-Antti - Tranberg, Annemari (Archeology, University of Oulu)

10:30 DISCUSSION SLOT

## 462 ASSESSING THE IMPACT OF MAJOR CLIMATIC AND/OR ENVIRONMENTAL EVENTS ON HUMAN CULTURE AND SUBSISTENCE

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 2. Pandemics and climate change: responses to global challenges

Format: Regular session

Organisers: Glykou, Aikaterini - Lidén, Kerstin (Archaeological Research Laboratory, Stockholm University) - López-Costas, Olalla (EcoPast, Area of Archaeology, Dpto. History, Universidade de Santiago de Compostela) - Jordan, Peter (Department of Archaeology and Ancient History, Lund University) - Uchiyama, Junzo (Sainsbury Institute for the Study of Japanese Arts and Cultures, University of East Anglia and Center for Cultural Resource Studies, Kanazawa University)

### ABSTRACTS

9:00 CONVERGENT CATASTROPHE? THE COMBINED HUMAN IMPACTS OF THE 8.2KA EVENT AND THE STOREGGA TSUNAMI ON MESOLITHIC FORAGERS IN WESTERN DENMARK  
Andreassen, Kathrine - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University)

9:15 COMPARING HUMAN RESPONSE TO THE ONSET OF THE HOLOCENE IN NORTHERN GERMANY AND DENMARK  
Weber, Mara-Julia - Eriksen, Berit Valentin - Grimm, Sonja B. - Groß, Daniel (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266 "Scales of Transformation") - Krüger, Sascha - Mortensen, Morten (National Museum of Denmark) - Wild, Markus (Cluster of Excellence "ROOTS"; CAU Kiel)

9:30 SURVIVING IN THE ASHES: A PRELIMINARY ASSESSMENT OF SOCIO-ECOLOGICAL RESPONSES TO A "SUPER-ERUPTION" IN FORAGING SOUTHWEST JAPAN (7.3KA CAL BP)  
Uchiyama, Junzo (Sainsbury Institute for the Study of Japanese Arts and Cultures; Center for Cultural Resource Studies, Kanazawa University) - Jordan, Peter (Department of Archaeology and Ancient History, Lund University) - Isaksson, Sven (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University) - Kuwahata, Mitsuhiro (Advanced Asian Archaeological Research Center, Kyushu University)

9:45 DISCUSSION SLOT

10:00 DEALING WITH THE IMPACT OF THREE MAJOR ENVIRONMENTAL EVENTS ON PREHISTORIC COASTAL SOCIETIES AND THEIR MAIN PREY SPECIES  
Liden, Kerstin - Glykou, Aikaterini - Eriksson, Gunilla - Isaksson, Sven (Archaeological Research Laboratory)

10:15 SEALS ON THE ICE: THE IMPACT OF CLIMATIC CHANGE ON THE BALTIC SEA HARP SEALS AND ON HUMAN SUBSISTENCE  
Glykou, Aikaterini (Archaeological Research Laboratory, Stockholm University) - Lõugas, Lembi (Archaeological Research Collection, Tallinn University) - Piličiauskienė, Giedrė (Department of Archaeology, Vilnius University) - Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig) - Eriksson, Gunilla - Lidén, Kerstin (Archaeological Research Laboratory, Stockholm University)

10:30 THE BALTIC GREY SEAL - A HISTORY OF PRESENCE AND ABSENCE  
Bro-Jørgensen, Maiken (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University; Section for Evolutionary Genomics, GLOBE Institute, University of Copenhagen) - Ahlgren, Hans - Glykou, Aikaterini (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University) - Schmölcke, Ulrich (Schleswig-Holsteinische Landesmuseen) - Angerbjörn, Anders (Department of Zoology, Stockholm University) - Olsen, Morten (Section for Evolutionary Genomics, GLOBE Institute, University of Copenhagen) - Lidén, Kerstin (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University)

- 10:45 DISCUSSION SLOT
- 11:00 **A LONG TRANSITION: THE END OF LATEGLACIAL AND THE BEGINNING OF THE HOLOCENE AT COVES DE SANTA MAIRA (ALICANTE, SPAIN)**  
Vadillo Conesa, Margarita - Carrión Marco, Yolanda - Pérez Jordà, Guillem - Martínez Varea, Carmen M<sup>a</sup> - Morales Pérez, Juan V. - Balcázar Campos, Nicole - Miret Estruch, Carles - Aura Tortosa, J. Emili (Universitat de València)
- 11:15 **CLIMATIC IMPACT ON THE CULTURAL DEVELOPMENT IN THE VOLGA AND KAMA BASIN**  
Vybornov, Alexander (Samara State University of Social Sciences and Education) - Kulkova, Marianna (Herzen University)
- 11:30 **ENVIRONMENTAL CHANGE AND HUMAN RESPONSE IN A THESSALIAN BASIN LANDSCAPE SOUTH OF MT OLYMPUS: A DIACHRONIC STUDY (6500-3300 BC)**  
Reingruber, Agathe (FU-Berlin) - Toufexis, Giorgos (Ephorate of Antiquities of Larissa)
- 11:45 DISCUSSION SLOT
- 12:00 **MAJOR CLIMATIC EVENTS DURING THE MEDITERRANEAN NEOLITHIC DISPERSAL FROM A SHORT-TERM AND LOCAL PERSPECTIVE**  
Hausmann, Niklas (Römisch Germanisches Zentralmuseum - RGZM; University of York)
- 12:15 **USING MG/CA RATIOS FROM THE LIMPET PATELLA DEPRESSA PENNANT, 1777 MEASURED BY LASER INDUCED BREAKDOWN SPECTROSCOPY (LIBS) TO RECONSTRUCT PALAEOCLIMATE**  
García-Escárcaga, Asier (Max Planck Institute for the Science of Human History; Universidad del País Vasco - UPV/EHU; Universidad de La Rioja) - Martínez-Mincheró, Marina (Grupo de Ingeniería Fotónica, Universidad de Cantabria; Instituto de Investigación Sanitaria Valdecilla - IDIVAL) - Cobo, Adolfo (Grupo de Ingeniería Fotónica, Universidad de Cantabria; Instituto de Investigación Sanitaria Valdecilla - IDIVAL; CIBER-BBN, Instituto de Salud Carlos III) - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Arrizabalaga, Alvaro (Universidad del País Vasco - UPV/EHU) - Roberts, Patrick (Max Planck Institute for the Science of Human History; School of Social Sciences, University of Queensland)
- 12:30 **DEMOGRAPHIC FLUCTUATIONS IN THE SOUTHERN LEVANT IN RELATION TO THE 8.2 AND 4.2KA CLIMATE EVENTS**  
Schmid, Magdalena (Kiel University)
- 12:45 DISCUSSION SLOT
- 14:30 **CLIMATE CHANGE, ADAPTATION AND RESILIENCE IN THE INDUS CIVILIZATION: NEW ARCHAEOBOTANICAL DATA FROM BHANDO QUBO (SINDH, PAKISTAN)**  
Jiménez Arteaga, Carolina - Madella, Marco - Lancelotti, Carla - Parque Pérez, Óscar (Universitat Pompeu Fabra) - Veesar, Ghualm - Abro, Tasleem - Chandio, Amin (Shah Abdul Latif University)
- 14:45 **PRELIMINARY THOUGHTS ON SIGNS OF CHANGE IN BRONZE AGE SCOTLAND**  
Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC)
- 15:00 **THE LITTLE ICE AGE (A.D. 1300-1850) AND ITS IMPACT ON HEALTH AND DIET IN NW SPAIN**  
López-Costas, Olalla (EcoPast - Gi-1553, Archaeology Fac. de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Universidad de Granada) - Mangas-Carrasco, Elvira (EcoPast - Gi-1553, Archaeology Fac. de Xeografía e Historia, Universidade de Santiago de Compostela) - Martínez Cortizas, Antonio (EcoPast - Gi-1553, Facultad de Biología, Universidade de Santiago de Compostela)
- 15:15 **ANALYZING ADULT SURVIVORSHIP FROM CHILDHOOD STRESS DURING THE LITTLE ICE AGE IN THE NORTH AMERICAN GREAT PLAINS**  
MinskyRowland, Jocelyn (Smithsonian Institution; Howard Community College)
- 15:30 DISCUSSION SLOT

## 467 THE FUTURE IS NOW: SUSTAINABLE APPROACHES TO POST-PANDEMIC UNDERSTANDING AND MANAGEMENT OF CULTURAL HERITAGE

Time: 16:30 - 18:30 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Hadji, Athena (DIKEMES - College Year in Athens; Independent Social Research Foundation; Hellenic Ministry of Culture) - Serin, Ufuk (Middle East Technical University)

### ABSTRACTS

- 16:30 INTRODUCTION
- 16:45 **(RE)DEFINING HERITAGE: PEOPLE-CENTERED STRATEGIES FOR A MORE SUSTAINABLE HERITAGE FUTURE**  
Arauz, Emily (Independent Scholar)
- 17:00 **A BILATERAL ASSEMBLAGE IN HERITAGE PRACTICES AMIDST THE PANDEMIC: PROMOTION OF MUSEUMS THROUGH ARCHAEOLOGICAL HERITAGE SITE MANAGEMENT**  
Kalfa-Atakli, Basak (Cankaya University; Middle East Technical University)
- 17:15 **READY-TO-WEAR: ART MUSEUMS AND COMMERCIAL COLLABORATIONS DURING THE PANDEMIC**  
Hadji, Athena (DIKEMES - College Year in Athens; Independent Social Research Foundation)
- 17:30 **STUDY ABROAD FROM HOME: DIGITAL TECHNOLOGY, CULTURAL HERITAGE, AND THE COLLEGE CURRICULUM**  
Kontes, Zoe (Kenyon College)
- 17:45 DISCUSSION SLOT

## 490 UNIVERSAL DESIGN OR HOW TO GUARANTEE ACCESS TO ALL ON ARCHAEOLOGICAL SITES AND PARKS

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Dunning, Cynthia (ArchaeoConcept) - Larsson, Birgitta (Stiftelsen Kulturmiljövård) - Kienzle, Peter (LVR-Archäologischer Park Xanten/LVR-RömerMuseum)

Session related to the EAA Community Integrating the Management of Archaeological Heritage and Tourism.

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 **INTRODUCTION TO THE UNIVERSAL DESIGN OR HOW TO GUARANTEE ACCESS TO ALL ON ARCHAEOLOGICAL SITES AND PARKS**  
Dunning, Cynthia (ArchaeoConcept) - Larsson, Birgitta (Stiftelsen Kulturmiljövård) - Kienzle, Peter (LVR-Archäologischer Park Xanten/LVR-RömerMuseum)
- 15:00 **IMPROVED ACCESS? PRESENTATION AND ACCESSIBILITY IN THE LVR-ARCHAEOLOGICAL PARK XANTEN**  
Quick, Stephan (LVR-Archäologischer Park Xanten/LVR-RömerMuseum)
- 15:15 **PHYSICAL ACCESSIBILITY OF ANCIENT BUILDINGS - THE CASE OF THE AMPHITHEATER IN PULA**  
Gobic-Bravar, Đeni - Komšo, Darko (Archaeological Museum of Istria)
- 15:30 DISCUSSION SLOT
- 15:45 **NORMALITY IS A CONSTRUCT: A CLAIM FOR DIVERSITY FROM THE PERSPECTIVE OF ARCHAEOLOGICAL SITES AND PARKS**  
Meier, Jessica (Römerstadt Augusta Raurica)

- 16:00 **WELCOME TO THE ROMAN FRONTIER! MAKING THE LOWER GERMAN LIMES AN ATTRACTIVE AND ACCESSIBLE UNESCO WORLD HERITAGE**  
Hazenberg, Tom (Roman archaeology; Archaeology and society - UNESCO-goals; Tourism; Archaeological Heritage Management) - Willems, Annemarie (Tourism; World Heritage) - Welling, Menno (Museology) - Dries, Monique (World Heritage) - Simjouw, Marco (Governmental Heritage management)
- 16:15 **DISCUSSION SLOT**
- 16:30 **GUIDELINES FOR THE IMPLEMENTATIONS FOR INCLUSIVE PROJECTS IN CULTURAL PLACES**  
Dall'Agnolo, Daniel (Laténium)
- 16:45 **NEANDERTHAL: TACTILE INFRASTRUCTURE FOR THE BLIND & VISUALLY IMPAIRED**  
Riethus, Anna (Stiftung Neanderthal Museum)
- 17:00 **THE USE OF INDICATORS FOR THE ASSESSMENT OF ACCESSIBILITY TO ARCHAEOLOGICAL SITES**  
Salvà, Miquel Àngel (Universitat de les Illes Balears)
- 17:15 **DISCUSSION SLOT**

## 495 COVID 19: ASSESSING THE IMPACT AND PLANNING FOR A DIFFERENT FUTURE FOR ARCHAEOLOGICAL HERITAGE TOURISM

Time: 9:00 - 12:30 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Gowen Larsen, Margaret (University College Dublin; EAA Community on Archaeological Heritage management and Tourism) - Willems, Annemarie (Cultural Heritage Agency of the Netherlands; EAA Community on Archaeological Heritage management and Tourism) - Dunning Thierstein, Cynthia (ArchaeoConcept; EAA Community of Archaeological Heritage Management and Tourism)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **TOURISM RECOVERY AND RENEWAL AT WORLD HERITAGE SITES: BALANCING SUSTAINABILITY AND RESILIENCY**  
Maclaren, Fergus (ICOMOS ICTC)
- 9:30 **THE FLÂNEUR, THE COLLECTOR, AND THE GAMBLER: HOW WILL WE READ AND REMEMBER THE EARLY 21ST CENTURY?**  
Peterson, John (University of San Carlos; ICAHM)
- 9:45 **POST-PANDEMIC TOURISM DEVELOPMENT FOR THE LONG-TERM**  
Holtorf, Cornelius (Linnaeus University)
- 10:00 **DISCUSSION SLOT**
- 10:15 **THE EUROPEAN ROUTE OF MEGALITHIC CULTURE: STRATEGIES FOR A SUSTAINABLE DEVELOPMENT FOR AN INTERNATIONAL ARCHAEOLOGICAL COOPERATION NETWORK**  
Kelm, Rüdiger (External Expert)
- 10:30 **CREATING A TRANSNATIONAL CULTURE ROUTE IN THE MIDDLE OF THE COVID-19 CRISIS - THE IRON AGE DANUBE ROUTE EXPERIENCE**  
Czifra, Szabolcs - Fábrián, Szilvia (Hungarian National Museum) - Mele, Marko (Universalmuseum Joanneum) - Mihelić, Sanjin (Arheološki Muzej u Zagrebu)
- 10:45 **NOVEMBER BLUES AND SPRING FEELINGS - THE LVR-ARCHAEOLOGICAL PARK AT XANTEN (GERMANY) IN THE TIME OF COVID19**  
Kienzle, Peter (LVR-Archaeological Park at Xanten)

- 11:00 **UNLOCKING ARCHAEOLOGICAL SITES TO PUBLIC IN LOCKDOWN: EXPLORING THE LOCAL AND NEGLECTED**  
Marik, Jan (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic, Prague) - Lečbychová, Olga (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic, Brno) - Dunning Thierstein, Cynthia (ArchaeoConcept Sàrl)
- 11:15 **DISCUSSION SLOT**

### POSTERS:

- A. **«THE STONES OF THE ANCESTORS»: AN EXPERIENCE OF HOLDING A MODERN IMMERSIVE EXHIBITION OF STONE TOOLS DURING A PANDEMIC**  
Kholkina, Margarita - Muravev, Roman (Saint-Petersburg State University) - Directorenko, Anastasia (independent researcher) - Ivitskaya, Anna (Military Historical Museum of Artillery, Engineers and Signal Corps) - Korneva, Tatyana (Institute for the History of Material Culture RAS) - Sevastyanov, Nikolay (Saint-Petersburg State University) - Mikishatyev, Fedor (Scientific archive of the Russian Geographical Society) - Yatsentkovskaya, Maria (Saint-Petersburg State University of Film and Television) - Loginova, Ekaterina (ITMO University)

## 501 WIDENING THE HORIZONS OF ARCHAEOLOGICAL METALWORKING STUDIES - ARCHAOMETALLURGY@EAA, PART 2

Time: 9:00 - 16:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Wärmländer, Sebastian (Dept. of Archaeology and Classical Studies, Stockholm University; UCLA/Getty conservation programme, Cotsen Institute of Archaeology, UCLA) - Saage, Ragnar - Roxburgh, Adrian (University of Tartu) - Neiß, Michael (Uppsala University) - van der Stok, Janneke (Metals Inc.; University of Amsterdam)

### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **A LOST TECHNIQUE OF ORNAMENTATION FROM 12TH-13TH CENTURY ESTONIA**  
Saage, Ragnar - Rammo, Riina (University of Tartu)
- 9:30 **WROCŁAW, GDAŃSK- TWO MEDIEVAL HANSEATIC TOWNS. COMPARISON OF THE QUALITY OF PROTECTIVE WEAPONS ON THE BASIS OF THE ARCHAOMETRIC RESEARCH**  
Miazga, Beata - Marek, Lech (University of Wrocław)
- 9:45 **TIME MACHINES; A PXRFX EXPLORATION OF COPPER-ALLOY OBJECTS FROM THE STONE ENCLOSURE GRAVES OF NORTH-EAST ESTONIA (C.200BC-200AD)**  
Roxburgh, Marcus Adrian (Tartu University)
- 10:00 **DISCUSSION SLOT**
- 10:15 **„THE ITALIAN CONNECTION“ - LONG DISTANCE METAL EXCHANGE BETWEEN THE SOUTHEASTERN ALPS AND THE WESTERN BALKAN DURING THE 2ND MILLENNIUM BC.**  
Mehofer, Mathias (Vienna Institute for Archaeological Science, University Vienna) - Gavranović, Mario (Austrian Archeological Institute, Austrian Academy of Sciences)
- 10:30 **SHIFTING NETWORKS AND MIXING METALS: CHANGING METAL-TRADING ROUTES TO SCANDINAVIA CORRELATE WITH NEOLITHIC AND BRONZE AGE TRANSFORMATIONS**  
Noergaard, Heide (Moesgaard Museum, Department of Archaeology; Aarhus University, School of Culture and Society) - Pernicka, Ernst (Curt-Engelhorn-Centre for Archaeometry, CEZA) - Vandkilde, Helle (Aarhus University, School of Culture and Society)

- 10:45 **COPPER PRODUCTION AND TECHNOLOGY AT THE MID-LATE BRONZE AGE TALDYSAI WORKSHOP (KAZAKHSTAN): ITS PLACE IN THE WIDER EURASIAN METALMAKING FRAMEWORK**  
Calgaro, Ilaria - Veronesi, Umberto (Institute of Archaeology, University College London) - Yermolaeva, Antonina (Margulan Institute of Archaeology) - Radivojević, Miljana (Institute of Archaeology, University College London)
- 11:00 DISCUSSION SLOT
- 11:15 **COPPER AND TIN BRONZE METALLURGY AT THE LATE BRONZE AGE SITE OF SEMIYARKA (KAZAKHSTAN)**  
Amirova, Saltanat (McDonald Institute for Archaeological Research, University of Cambridge) - Radivojević, Miljana (Institute of Archaeology, UCL) - Mertz, Ilya (S. Toraihyrov Pavlodar State University) - Lawrence, Dan (Archaeology Department, Durham University) - Mertz, Victor (S. Toraihyrov Pavlodar State University)
- 11:30 **NEW INSIGHTS INTO THE MANUFACTURE OF HIGH-LEADED BRONZE PALSTAVES THROUGH EXPERIMENTAL CASTING AND NEUTRON TECHNIQUES**  
Armada, Xose-Lois (Institute of Heritage Sciences - Incipit, Spanish National Research Council - CSIC) - Arcidiacono, Laura (ISIS Pulsed Neutron and Muon Source) - Comendador, Beatriz (Grupo de Estudos de Arqueologia, Antigüidade e Território, Universidade de Vigo) - Faro, María G. (Institute of Heritage Sciences - Incipit, Spanish National Research Council - CSIC) - Lackinger, Aaron (Grupo de Estudos de Arqueologia, Antigüidade e Território, Universidade de Vigo) - Martín-Torres, Marcos (Department of Archaeology, University of Cambridge) - Silva-Sánchez, Noemí - Sureda, Pau (Institute of Heritage Sciences - Incipit, Spanish National Research Council - CSIC)
- 11:45 **SHIFT IN THE ELEMENTAL COMPOSITION OF COPPER ALLOYS AND METALWORKING TRADITIONS IN LITHUANIA IN THE FIRST MILLENNIUM AD**  
Bliujiene, Audrone (Klaipėda University, Institute of Baltic Region History and Archaeology) - Bagdzevičienė, Jurga (Klaipėda University, Institute of Baltic Region History and Archaeology; Lithuanian National Museum of Art, Pranas Gudynas Centre for Restoration) - Petrauskas, Gediminas (Klaipėda University, Institute of Baltic Region History and Archaeology; National Museum of Lithuania) - Vybernaitė-Lubienė, Irma (Klaipėda University, Institute of Baltic Region History and Archaeology; Klaipėda University, Marine Research Institute)
- 12:00 DISCUSSION SLOT
- 12:15 **METALLURGICAL ANALYSIS OF IRON BARS FROM BALTIC SEA SHIP WRECKS**  
Wärmländer, Sebastian (Stockholm University)
- 12:30 **IRONWORKING AT THE SCYTHIANS**  
Zavjalov, Vladimir - Terekhova, Nataliya (Institute of Archaeology, Moscow)
- 12:45 DISCUSSION SLOT
- 14:30 **FROM THE ASHES: UNPRECEDENTED ARCHAOMETALLURGICAL INVESTIGATIONS IN NOTRE-DAME-DE-PARIS FOLLOWING THE FIRE**  
L'Héritier, Maxime (Université Paris 8 - ArScAn UMR 7041) - Azéma, Aurélie - Syvilay, Delphine (Laboratoire de Recherches sur les Monuments Historiques) - Delqué-Kolic, Emmanuelle (Laboratoire de Mesure du Carbone 14 - LSCE) - Ivan, Guillot (Université Paris Est Créteil - ICMPE) - Sarah, Guillaume (IRAMAT CNRS UMR 5060) - Baron, Sandrine (TRACES CNRS UMR 5608) - Dillmann, Philippe (Laboratoire Archéomatériaux et Préviation de l'Altération : LMC IRAMAT UMR5060 CNRS et NIMBE UMR3685 CEA/CNRS)
- 14:45 **USE OF COAL IN FLEMISH FORGES DURING LATE MIDDLE AGES**  
Jagou, Benjamin (INRAP; UMR 5060 IRAMAT - LMC; UMR 7041 ArScan TranSphères)
- 15:00 **COMPARISONS OF CHEMICAL COMPOSITIONS AND MICROSTRUCTURES OF SLAGS RECOVERED IN RECENT ARCHAEOLOGICAL EXCAVATIONS IN THE ROGALAND REGION, NORWAY**  
Gebremariam, Kidane (University of Stavanger)
- 15:15 **METALWORKING OF THE YENISEI KYRGYZ OF THE US RIVER VALLEY BASED ON RESEARCH MATERIALS OF IRON TOREUTICS AND SMITH TOOLS**  
Davydov, Roman (Humanities Research Laboratory, Novosibirsk state university) - Kuleshov, Dmitry (Institute of Archaeology and Ethnography SB RAS)
- 15:30 DISCUSSION SLOT

## POSTERS:

- A. **BRONZE AGE METAL: METALLOGRAPHIC AND ISOTOPE ANALYSES OF BRONZE WEAPONS FROM BOHEMIA, MORAVIA AND SW SLOVAKIA**  
Havlíková, Markéta (Masaryk University)

## 504 NEWS FROM THE BRONZE AGE – SCALING DYNAMICS AND NARRATIVES

Time: 9:00 - 16:00 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Burkhardt, Laura (Institute for Oriental and European Archaeology - Austrian Academy of Sciences; German Archaeological Institute - DAI) - Brunner, Mirco (University of Bern, Institute of Archaeological Sciences, Prehistory Department; University of Bern, Oeschger Centre for Climate Change Research - OCCR) - Laabs, Julian (Institute of Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel) - Massy, Ken (Ludwig-Maximilians-Universität München, Institut für Vor- und Frühgeschichtliche Archäologie)

## ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **THE YAMNAYA "INVASION" OF EUROPE: THE ARCHAEOLOGICAL DATA AGAINST OLD AND NEW NARRATIVES**  
Palalidis, Stefano (Institut für Prähistorische Archäologie, Freie Universität Berlin)
- 9:30 **MIKULOVICE – THE ÚNĚTICE FAMILIES IN FOCUS**  
Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Papac, Luka (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena) - Langová, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Massy, Ken (Ludwig-Maximilians-Universität München - LMU Munich) - Friedrich, Ronny (Curt-Engelhorn-Center Archaeometry, Mannheim) - Haak, Wolfgang (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena)
- 9:45 **UNLOCKING THE SECRETS OF CREMATED HUMAN REMAINS FROM LATE BRONZE AGE AUSTRIA**  
Rebay-Salisbury, Katharina (Austrian Academy of Sciences)
- 10:00 DISCUSSION SLOT
- 10:15 **BRONZE AGE SETTLEMENT DYNAMICS IN CENTRAL GERMANY: A CASE STUDY FROM THE WEISSE ELSTER RIVER CATCHMENT**  
Miera, Jan (Institute for Pre- and Early History, University of Leipzig; Institute for Pre- and Early History, Friedrich-Schiller-University Jena) - Schmidt, Karsten (eScience-Center, University of Tübingen) - von Suchodoletz, Hans - Ballasus, Helen (Institute of Geography, University of Leipzig) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ) - Fütterer, Pierre (Institute for the History of the Middle Ages, Otto von Guericke University of Magdeburg) - Werther, Lukas (Department of Medieval Archaeology, University of Tübingen) - Zielhofer, Christoph (Institute of Geography, University of Leipzig) - Ettl, Peter (Institute for Pre- and Early History, Friedrich-Schiller-University Jena) - Veit, Ulrich (Institute for Pre- and Early History, University of Leipzig)
- 10:30 **BRONZE AGE SETTLEMENT AND POPULATIONS DYNAMICS IN THE NORTHWESTERN ALPINE REGION**  
Brunner, Mirco (Institute for Ecosystem Research, Christian-Albrechts-University Kiel; Oeschger Centre for Climate Change Research - OCCR, University of Bern) - Laabs, Julian (Institute of Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; Department of Geography, Physical Geography, Christian-Albrechts-Universität zu Kiel)
- 10:45 **CONTINUITY AND/OR INNOVATION AT THE END OF THE LATE BRONZE AGE AT THE FRINGES OF SE ALPS**  
Cresnar, Matija (University of Ljubljana; Institute for the Protection of Cultural Heritage of Slovenia)
- 11:00 DISCUSSION SLOT

- 11:15 **SCALING DYNAMICS ON THE SOUTHEAST BALKANS IN THE LATE BRONZE AGE**  
Burkhardt, Laura (German Archaeological Institute - DAI)
- 11:30 **TRACING CONNECTIONS: THE BRONZE AGE SITE OF TORRE CASTELLUCCIA IN THE REGIONAL AND INTERREGIONAL NETWORKS OF THE GULF OF TARANTO**  
Pizzuti, Elisa - Palazzini, Flavia (Sapienza - Università di Roma)
- 11:45 **DISCUSSION SLOT**
- 12:00 **SARDINIA AND THE LATE BRONZE AGE SEA-BORNE METAL TRADE BETWEEN SCANDINAVIA, ATLANTIC EUROPE AND THE MEDITERRANEAN**  
Sabatini, Serena (University of Gothenburg)
- 12:15 **EXPECTATIONS OF CONSUMERS – HOW TO PROMOTE COPPER IN A GLOBALIZED BRONZE AGE EUROPE**  
Nessel, Bianka (Institute for Pre- and Protohistory, Johannes-Gutenberg University Mainz) - Uhnér, Claes (University of Oslo, Museum of Cultural History)
- 12:30 **MYTH, MESSAGES AND MATERIALIZED CONNECTIONS IN NORDIC BRONZE AGE ICONOGRAPHY: MULTISCALAR INVESTIGATIONS**  
Ahlqvist, Laura (Aarhus University)
- 12:45 **DISCUSSION SLOT**
- 14:30 **OF TRADERS AND CUTTERS - DYNAMICS OF AMBER DISTRIBUTION IN THE EUROPEAN BRONZE AGE**  
Serbe, Benjamin (Institut fuer Ur- und Fruehgeschichte Kiel)
- 14:45 **SCALING INFRASTRUCTURE AND SOCIAL TRANSFORMATION IN THE BRONZE AGE**  
Quinn, Colin (Hamilton College)
- 15:00 **DISCUSSION SLOT**

#### POSTERS:

- A. **EARLY BRONZE AGE AEGEAN GENOMES FROM PERACHORA CAVE, CORINTH, GREECE**  
Psonis, Nikolaos - Vassou, Despoina - Tabakaki, Eugenia (1 Ancient DNA Lab, Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology – Hellas, Heraklion, Crete) - Stravopodi, Eleni (Ephorate of Palaeoanthropology and Speleology, Ministry of Culture and Sports, Athens) - Kafetzopoulos, Dimitris (1 Ancient DNA Lab, Institute of Molecular Biology and Biotechnology, Foundation for Research and Technology – Hellas, Heraklion, Crete)

### 523 **SETTLEMENTS OUT OF NOWHERE – THEORY AND PRACTISE OF DETECTING SETTLEMENTS BY MEANS OF COMBINED AERIAL ARCHAEOLOGY, GEOPHYSICS, PREDICTIVE MODELLING**

Time: 9:00 - 12:30 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Segsneider, Martin (NIH Wilhelmshaven) - Mauritsen, Esben (Arkeologi Vestjylland; Ringkoebing-Skjern Museum)

#### ABSTRACTS

- 9:00 **INTRODUCTION**
- 9:15 **SITE DENSITY AS A FUNCTION OF RESEARCH INTENSITY: THE CASE OF THE CONTRADA DAMALE – PORTIERI (CALABRIA, ITALY)**  
de Neef, Wieke (Ghent University) - van Leusen, Martijn (University of Groningen)

- 9:30 **THE PERAIA OF SAMOTHRACE PROJECT: NEW ARCHAEOLOGICAL INVESTIGATION IN AEGEAN THRACE**  
Avramidou, Amalia (Democritus University of Thrace) - Donati, Jamieson (Laboratory of Geophysics – Satellite Remote Sensing & Archaeoenvironment - FORTH; Democritus University of Thrace) - Garyfalopoulos, Apostolos (Aristotle University of Thessaloniki; Democritus University of Thrace) - Karadima, Chrysa (Ephorate of Antiquities of Rhodope) - Pardalidou, Chrysafenia (Ephorate of Antiquities of Evros) - Sarris, Apostolos (Laboratory of Geophysics – Satellite Remote Sensing & Archaeoenvironment - FORTH; University of Cyprus) - Papadopoulos, Nikos (Laboratory of Geophysics – Satellite Remote Sensing & Archaeoenvironment - FORTH)
- 9:45 **DISCUSSION SLOT**
- 10:00 **THE NORTH FRISIAN ISLANDS (GERMANY) IN THE 1ST MILLENNIUM CE: A MULTI-METHOD PROSPECTION APPROACH TO A CHANGING SETTLEMENT LANDSCAPE**  
Majchczack, Bente (Christian-Albrechts-Universität zu Kiel; ROOTS Cluster of Excellence) - Mauritsen, Esben (Arkeologi Vestjylland; Ringkoebing-Skjern Museum) - Segsneider, Martin (Niedersächsisches Institut für historische Küstenforschung) - Wilken, Dennis - Wunderlich, Tina (Christian-Albrechts-Universität zu Kiel)
- 10:15 **FROM THE SKIES TO THE UNDERGROUND. ON AERIAL ARCHAEOLOGY AND NON-INVASIVE METHODS IN DENMARK**  
Mauritsen, Esben (Arkæologi Vestjylland / Ringkøbing-Skjern Museum; Fortiden set fra Himlen / Holstebro Museum)
- 10:30 **HOW MUCH IS STILL OUT THERE? A SETTLEMENT MODEL COMBINING ARCHAEOLOGICAL FIELDWORK, METAL DETECTING AND HISTORICAL MAPS (WEST JUTLAND, DENMARK)**  
Søvsø, Morten (Museum of Southwest Jutland)
- 10:45 **DISCUSSION SLOT**
- 11:00 **DISCOVERING A HIDDEN SETTLEMENT LANDSCAPE IN CONTEXT OF A SACRED LANDSCAPE**  
Sjögren, Karl-Göran - Axelsson, Tony (Dep. of Historical Studies, Gothenburg University) - Rassmann, Knut (Deutsche Archäologische Institut, Frankfurt)
- 11:15 **JUST A DROP IN THE OCEAN? HOW ISLAND ARCHEOLOGY CHANGED THE VISION OF LATE IRON AGE SETTLEMENTS IN NORTHWEST FRANCE**  
Duval, Hervé (CReAAH) - Peres, Thibaut (LETG; CReAAH)
- 11:30 **DISCUSSION SLOT**

### 524 **MEDIEVAL GLOCALISATION: LOCAL MANIFESTATIONS OF GLOBAL CONNECTIONS**

Time: 14:30 - 18:00 CEST, 11 September 2021

Theme: 4. Globalisation and archaeology

Format: Regular session

Organisers: Cartwright, Rachel (University of Minnesota, Department of Anthropology) - Górkiewicz Downer, Abigail (University of Chester, History and Archaeology)



#### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **GLOBALIZATION AND EARLY CHRISTIANITY: THE CASE OF KOSOVO EARLY CHRISTIAN ARCHITECTURE**  
Hoxha, Zana (Institute of Albanology)
- 15:00 **AGRICULTURAL 'GLOCALISATION' AT NINCH, A CASE STUDY FROM EASTERN IRELAND**  
Crowley-Champoux, Erin (University of Minnesota; University of Southern Maine)
- 15:15 **FUNERARY GLOCALISATION: COWRIE-PROVISION IN ALSATIAN INHUMATION GRAVES**  
Górkiewicz Downer, Abigail (University of Chester)
- 15:30 **DISCUSSION SLOT**

- 15:45 **VIKINGS GO EAST: GROBINA ARCHAEOLOGICAL COMPLEX AND THE BEGINNINGS OF THE SCANDINAVIAN EXPANSION EASTWARDS IN THE PRE-VIKING AGE**  
Sne, Andris (University of Latvia)
- 16:00 **VIKING AGE GLOCALISATION: EXAMPLES FROM SCOTLAND AND ICELAND**  
Cartwright, Rachel (University of Minnesota)
- 16:15 **GLOBAL CONNECTIONS AND LOCAL MANIFESTATIONS IN THE GALLOWAY HOARD**  
Goldberg, Martin (National Museums Scotland)
- 16:30 **HOT SPOTS AND HINTERLANDS: PREMODERN 'PROTO-INDUSTRY' AND ALTERNATIVE TRANSITIONS TO CAPITALISM**  
Thurston, T L (University at Buffalo, SUNY)
- 16:45 **DISCUSSION SLOT**

## 528 SHIFTING THE FOCUS: MOUNTAINS AS CENTRAL PLACES IN (PRE-)HISTORY

Time: 14:30 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Brisset, Elodie (Institut Méditerranéen de Biodiversité et d'Ecologie; CNRS, University Aix-Marseille, Inuiversity Avignon, IRD) - Ricci, Andrea (Cluster of Excellence ROOTS, Kiel University) - Balatti, Silvia (Institut of Classical Studies, Kiel University) - Djamali, Morteza (Institut Méditerranéen de Biodiversité et d'Ecologie; CNRS, University Aix-Marseille, Inuiversity Avignon, IRD)

### ABSTRACTS

- 14:30 **INTRODUCTION**
- 14:45 **WHOSE PASTURE IS IT? OVERLAPPING ETHNOLOGICAL AND ARCHAEOLOGICAL RECORDS FROM PREHISTORIC LANDSCAPE OF SOUTHERN VELEBIT MOUNTAIN, CROATIA**  
Grguric, Maja (University of Zadar)
- 15:00 **PATHWAYS AND MOBILITY IN UPLAND LANDSCAPES. THE RELATIONSHIP BETWEEN TRANSHUMANT ROUTES AND SETTLEMENT POSITION IN MOUNTAIN AREAS OF WESTERN EUROPE**  
Garcia Casas, David (Institute of Heritage Sciences - Incipit-CSIC; Centre Camille Jullian, Aix Marseille University, CNRS) - Cesarini, Roxanne (Aix Marseille University, CNRS, LA3M) - Mocci, Florence (Hors-Classe CNRS - Centre Camille Jullian, Aix Marseille University, CNRS) - Walsh, Kevin (University of York)
- 15:15 **CENTRALITY, MARGINALISATION AND MOBILITIES IN EASTERN TIGRAY (ETHIOPIA): MODERN AND CONTEMPORARY PERIODS AS ANALOGUES TO HELP UNDERSTAND THE PAST**  
Blond, Ninon (Université Lumière Lyon 2, Archéorient - UMR 5133; École Normale Supérieure de Lyon - ENSL, EVS - UMR 5600) - Benoist, Anne (CNRS, Archéorient - UMR 5133) - Callot, Yann (Université Lumière Lyon 2, Archéorient - UMR 5133) - Gajda, Iwona (CNRS, Orient & Méditerranée - UMR 8167) - Jacob-Rousseau, Nicolas (Université Lumière Lyon 2, Archéorient - UMR 5133) - Schiettecatte, Jérémie (CNRS, Orient & Méditerranée - UMR 8167) - Barge, Olivier (CNRS, Archéorient - UMR 5133)
- 15:30 **IMPACT OF PREHISTORIC PASTORALISM ON ALPINE ECOSYSTEMS AT DIFFERENT SPATIAL AND TEMPORAL SCALES: A CASE-STUDY FROM VAL DI SOLE (ITALY)**  
Carrer, Francesco (Newcastle University) - Angelucci, Diego (University of Trento)
- 15:45 **ARCHAEOLOGY IN THE CANTABRIAN MOUNTAINS (NW IBERIA): AN INTERDISCIPLINARY EXPERIENCE TO DELVE INTO THE CULTURAL BIOGRAPHIES OF UPLAND LANDSCAPES**  
Gonzalez Alvarez, David (Institute of Heritage Sciences - Incipit, Spanish National Research Council - CSIC)
- 16:00 **LIVING AND DYING IN THE MOUNTAIN : INTERDISCIPLINARY APPROACH OF HUMAN-ENVIRONMENTAL INTERACTIONS IN THE FRENCH ALPS (SAINT-PIERRE 2, THORAME-BASSE)**  
Lattard, Alexia - Isoardi, Delphine - Mocci, Florence (Aix Marseille Univ, CNRS, CCJ) - Huguet, Céline (Direction Archéologie et Muséum de la Ville d'Aix-en-Provence) - Cenzon-Salvayre, Carine (Independant Researcher) -

Talon, Brigitte (Aix Marseille Univ, Avignon Université, CNRS, IRD, IMBE) - Ollivier, Vincent (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA) - Martin, Lucie (Laboratoire d'Archéologie préhistorique et anthropologie, Université de Genève, Suisse / Edytem UMR 5204) - Sirdeys, Nais (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA; Aix Marseille Univ, CNRS, IRD, INRAE, Coll France, CEREGE) - Veyron, Robin (Aix Marseille Univ, CNRS, CCJ)

16:15 **DISCUSSION SLOT**

16:30 **AN INTERDISCIPLINARY INVESTIGATION OF THE LONG-TERM PROVENCAL AND ALPINE LIVESTOCK MANAGEMENT: THE INTERSECTION OF BIOARCHAEOLOGY, PALAEOECOLOGY AND CULTURAL ARCHAEOLOGY.**

Knockaert, Juliette - Dulias, Katharina (Department of Archaeology, University of York) - Giguët-Covex, Charline (Laboratoire EDYTEM, CNRS, Université de Savoie) - Isoardi, Delphine (Centre Camille Jullian, Aix Marseille Univ, CNRS, CCJ) - Pike, Alistair W.G. (Department of Archaeology, University of Southampton) - Suméra, Franck (Aix Marseille Univ, CNRS, Minist Culture, CCJ) - Unsain, Dianne (Centre Camille Jullian, A\*MIDEX, Aix Marseille Univ, CNRS, CCJ; LA3M, Aix Marseille Univ, CNRS) - Magniez, Pierre (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA) - Mocci, Florence (Centre Camille Jullian, Aix Marseille Univ, CNRS, CCJ) - Walsh, Kevin (Department of Archaeology, University of York)

16:45 **HUMAN SETTLEMENT IN THE HIGHLANDS OF SOUTHERN CAUCASUS DURING CHALCOLITHIC AND BRONZE AGE THROUGH ARCHAEOZOOLOGY, STABLE ISOTOPES AND CEMENTOCHRONOLOGY**

Vautrin, Adeline - Balasse, Marie - Berthon, Rémi - Fiorillo, Denis (AASPE UMR 7209, Muséum national d'Histoire naturelle, CNRS, Paris) - Gambashidze, Irina - Gogochuri, Giorgi (Georgian National Museum, Tbilisi) - Gourichon, Lionel (CEPAM UMR 7264, Université Côte d'Azur, CNRS, Nice) - Lemoine, Michel (AASPE UMR 7209, Muséum national d'Histoire naturelle, CNRS, Paris) - Stöllner, Thomas (Ruhr-Universität, Bochum) - Mashkour, Marjan (AASPE UMR 7209, Muséum national d'Histoire naturelle, CNRS, Paris)

17:00 **PASTORAL LANDSCAPES OF THE NURATAU MOUNTAINS IN CENTRAL ASIA**

Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung) - Avanesova, Nona Armaisovna (Sarmarkand State University)

17:15 **THE ROLE OF GOATS IN THE DEVELOPMENT OF PREHISTORIC AND PROTOHISTORIC SOCIETIES IN THE ZAGROS. A VIEW FROM THE ARCHAEOZOOLOGY**

Mashkour, Marjan (CNRS-UMR 7209 AASPE- MNHN- Paris)

17:30 **THE EARLY BRONZE AGE ZAGROS INTERACTION SPHERE (CA. 3100-2500 BCE): ORGANIZING ACCESS TO DISPERSED RESOURCES IN A FRAGMENTED LANDSCAPE**

Renette, Steve (University of British Columbia)

17:45 **LIVING THE MOUNTAIN LIFE: THE PASTORAL SOCIETIES OF THE SOUTHERN ZAGROS AND THEIR ENVIRONMENT IN ANTIQUITY**

Balatti, Silvia (Institute for Classical Studies, Kiel University) - Brisset, Elodie - Djamali, Morteza (Institut Méditerranéen de Biodiversité et d'Ecologie; CNRS, University Aix-Marseille, University Avignon, IRD) - Ricci, Andrea (Cluster of Excellence ROOTS, Kiel University)

18:00 **COMPLEXITY BEYOND NEO-EVOLUTIONISM: SOCIAL ORGANIZATION IN "MARGINAL" ENVIRONMENTS AS SEEN FROM THE RIM OF THE TIBETAN PLATEAU**

Hein, Anke (University of Oxford)

18:15 **DISCUSSION SLOT**

## 533 BIOARCHAEOLOGICAL APPROACHES TOWARDS UNDERSTANDING THE IMPACT OF DIFFERENT FORMS OF CRISES ON HUMAN LIFEWAYS

Time: 11:00 - 18:00 CEST, 11 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Michael, Dimitra (School of Archaeology, University College Dublin) - Fibiger, Linda (School of History, Classics & Archaeology, The University of Edinburgh; School of Archaeology, University College Dublin)

### ABSTRACTS

- 11:00 INTRODUCTION
- 11:15 THE EFFECTS OF SOCIETAL COLLAPSE ON HEALTH: EXAMINING RECENT HISTORY TO CONTRIBUTE TO UNDERSTANDINGS OF LATE ANTIQUITY IN GAUL  
Quade, Leslie (Masaryk University) - Gowland, Rebecca (Durham University)
- 11:30 SOCIO-ECONOMIC AND GEOPOLITICAL IMPLICATIONS OF CLIMATE CHANGE – A CASE STUDY FROM NORTHWESTERN CHINA  
Cheung, Christina (UMR 7206, Eco-anthropologie - EA, Muséum National d'Histoire Naturelle, CNRS, Université Paris Diderot; UMR 7269, Aix Marseille Univ, CNRS, Minist Culture, LAMPEA) - Hepburn, Joseph - Zhang, Hua (Department of Archaeology, Simon Fraser University)
- 11:45 EXPLORING TEMPORAL AND GEOGRAPHICAL DIFFERENTIATIONS IN LATE BRONZE AGE GREECE: A COMPARATIVE BIOARCHAEOLOGICAL APPROACH  
Michael, Dimitra - Molloy, Barry (School of Archaeology, College of Social Sciences and Law, University College Dublin)
- 12:00 DISCUSSION SLOT
- 12:15 THE MIGRATION PERIOD AT BASEL (SWITZERLAND): TRANSFORMATION OR CONTINUITY?  
Depaermentier, Margaux (Department of Prehistoric, Early Historic, and Provincial Roman Archaeology, Vin-donissa Professur, University of Basel) - Gerling, Claudia (Integrative Prehistory and Archaeological Science, Departement of Environmental Sciences, University of Basel) - Hajdas, Irka (Laboratory of Ion Beam Physics, ETH Zurich) - Krause-Kyora, Ben (Institute of Clinical Molecular Biology, Christian-Albrechts-University Kiel) - Schwarz, Peter-Andrew (Department of Prehistoric, Early Historic, and Provincial Roman Archaeology, Vin-donissa Professur, University of Basel)
- 12:30 THE SHAMROCK SHORE: ANALYSING THE HEALTH AND DISEASE OF IRISH IMMIGRANTS DURING THE GREAT IRISH FAMINE  
Strang, Sheridan (Durham University; University of Iowa Office of the State Archaeologist) - Caffell, Anwen (Durham University)
- 12:45 DISCUSSION SLOT
- 14:30 UNLOCKING THE POTENTIAL OF STABLE ISOTOPES ANALYSIS TO UNDERSTAND THE DIET IN THE EARLY MIDDLE AGES IN NORTHERN ITALY  
Marinato, Maurizio (Dipartimento dei Beni Culturali Università degli studi di Padova)
- 14:45 "WE DON'T EAT, WHAT YOU EAT": CAN ISOTOPE-BASED DIET RECONSTRUCTION DETECT THE MOVEMENT OF CELTIC AND GERMANIC INVASIONS INTO ITALY?  
Schmidtova, Dominika - Klontza-Jaklova, Vera (Faculty of Arts, Masaryk University) - Fernandes, Ricardo (Faculty of Arts, Masaryk University; Department of Archaeology, Max Planck Institute for the Science of Human History; School of Archaeology, University of Oxford)
- 15:00 DIET MIGRATION AND HEALTH IN THE CONTEXT OF MEDIEVAL MORTALITY CRISES  
Beaumont, Julia (University of Bradford) - DeWitte, Sharon (University of South Carolina) - Montgomery, Janet (Durham University)
- 15:15 DISCUSSION SLOT

- 15:30 THE MORTALITY OF CHILDREN UNDER FIVE YEARS OF AGE AT MONTE ALBÁN, MEXICO, DURING THE CLASSIC PERIOD (200-700 AD)  
Camacho, Miriam (Physical Anthropology at Escuela Nacional de Antropología e Historia)
- 15:45 CONTESTED SPACES: A RE-INTERPRETATION OF THE EARLY IRON AGE MASS GRAVE FROM GOMOLAVA, SERBIA  
Fibiger, Linda (School of History, Classics & Archaeology, University of Edinburgh) - Koledin, Jovan (Museum of Vojvodina, Novi Sad) - Molloy, Barry (UCD School of Archaeology, University College Dublin)
- 16:00 BRING OUT YOUR DEAD – WHO LIVED AND WHO DIED DURING THE LAST RESURGENCE OF PLAGUE IN BASEL, SWITZERLAND  
Rindlisbacher, Laura (Integrative Prehistory and Archeological Science, University of Basel; Archäologische Bodenforschung Basel-Stadt) - Flatscher, Elias (Kunsthistorisches Institut, University of Zurich; Archäologische Bodenforschung Basel-Stadt) - Krause-Kyora, Ben (Institute of Clinical Molecular Biology, Kiel University) - Leder, Cora (Faculty of Archaeology, Leiden University) - Moser, Daria (Institute of Clinical Molecular Biology, Kiel University) - Spichtig, Norbert (Archäologische Bodenforschung Basel-Stadt) - Pichler, Sandra (Integrative Prehistory and Archeological Science, University of Basel)
- 16:15 DISCUSSION SLOT
- 16:30 WHAT DOES NOT KILL YOU, DOES NOT MAKE YOU STRONGER: ASSESSING THE IMPACT OF STRESSES IN A MODERN OSTEOLOGICAL COLLECTION  
Batista-Goulart, Luana (Université Côte d'Azur, CNRS, CEPAM - UMR CNRS 7264) - Séguy, Isabelle (Institut national d'études démographiques - INED; Université Côte d'Azur, CNRS, CEPAM - UMR CNRS 7264) - Tzortzis, Stefan (Ministère de la culture; DRAC, service régional de l'archéologie de PACA; Aix Marseille Université, CNRS, Etablissement Français du Sang, Anthropologie bio-culturelle, Droit, Ethique, santé - ADES) - Quatre-homme, Gérald (Université Côte d'Azur, Institut Universitaire d'Anthropologie médico-légale, Faculté de Médecine; Université Côte d'Azur, CNRS, CEPAM - UMR CNRS 7264)
- 16:45 HOLOCENE DIETARY AND BEHAVIORAL TRANSITIONS TRANSFORMED HEALTH AND WELL-BEING IN THE PAST, PRESENT, AND THE FUTURE  
Larsen, Clark (Ohio State University)
- 17:00 DISCUSSION SLOT

### POSTERS:

- A. MASSACRES, CULTURAL CRISES AND ONTOLOGICAL INSECURITY  
Martin, Debra - Edmonds, Emily (University of Nevada Las Vegas)
- B. INTERDISCIPLINARY APPROACH TO THE JUSTINIAN PLAGUE IN GAUL: THE EXAMPLE OF THE "CLOS DES CORDELIERS" BURIAL GROUND (SENS, FRANCE)  
Holleville, Marion - Castex, Dominique - Deguilloux, Marie-France - Kacki, Sacha (Université de Bordeaux, CNRS, MC, UMR 5199 PACEA: De la Préhistoire à l'Actuel: Culture, Environnement et Anthropologie)

## 537 HUMAN-ENVIRONMENT INTERACTION IN NORTHERN EURASIA FROM MICRO-TO MACRO-REGIONAL LEVEL

Time: 11:00 - 18:30 CEST, 11 September 2021

Theme: 1. Widening horizons through human-environment interconnections

Format: Regular session

Organisers: Vyazov, Leonid (Kazan Federal University) - Ponomarenko, Elena (University of Ottawa) - Ryabogina, Nataliya (Tyumen Scientific center SB RAS) - Ershova, Ekaterina (Moscow State University) - Blinnikov, Mikhail (StCloud State University)

### ABSTRACTS

- 11:00 INTRODUCTION



- 11:15 **FIVE PERIODS OF AGRICULTURAL TRANSFORMATION IN MIXED FOREST ZONE OF EUROPEAN RUSSIA AS THEY REFLECTED IN POLLEN DIAGRAMS**  
Nosova, Maria (Main Botanical Garden RAS) - Ershova, Ekaterina (Biological Faculty, Moscow State University)
- 11:30 **MORPHOLOGICAL SIGNATURE OF PASTORAL ACTIVITIES IN PEATLANDS OF THE FOREST ZONE**  
Ponomarenko, Elena (University of Ottawa) - Tomson, Pille (the Estonian University of Life Sciences) - Bakumenko, Varvara (Tallinn University of Technology) - Kuzmina, Svetlana (Paleontological Institute RAS) - Ershova, Ekaterina (Moscow Lomonosov University)
- 11:45 **MODERN PHYTOLITHS AS A PALEOENVIRONMENTAL PROXY IN THE ARMENIAN HIGHLANDS AND THE SOUTHERN CAUCASUS**  
Jarl, Johan (University of Connecticut) - Kandel, Andrew (Research Centre 'The Role of Culture in Early Expansions of Humans' - ROCEEH at University of Tübingen) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences, Yerevan) - Bruch, Angela (Research Centre 'The Role of Culture in Early Expansions of Humans' - ROCEEH at Senckenberg Research Institute and Natural History Museum, Frankfurt)
- 12:00 **TRACES OF EARLY PLEISTOCENE HYDROMORPHIC SOILS IN EARLY PALEOLITHIC SITES OF DAGESTAN (NORTHERN CAUCASUS, RUSSIA) AND ARMENIA (LESSER CAUCASUS)**  
Stolpnikova, Ekaterina (A. N. Severtsov Institute of Ecology and Evolution; Lomonosov Moscow State University, Faculty of Soil Science) - Kovaleva, Natalia (Lomonosov Moscow State University, Faculty of Soil Science)
- 12:15 **ECOLOGICAL NICHE AND ENVIRONMENTAL ADAPTATION FEATURES IN NEOLITHIC (SOUTH OF WESTERN SIBERIA)**  
Ryabogina, Natalia - Enshin, Dmitry - Skochina, Svetlana (Tyumen Scientific Centre SB RAS)
- 12:30 **CHANGING LIFESTYLES IN THE NORTHERN STEPPE – STUDIES ON MAN-ENVIRONMENT INTERACTIONS OF BRONZE AGE SOCIETIES IN THE TRANS-URALS, RUSSIA**  
Stobbe, Astrid - Rühl, Lisa - Gumnior, Maren - Stolarczyk, Eliza (Goethe University Frankfurt) - Burger, Joachim (University Mainz) - Koryakova, Ludmila (Ural Division of Russian Academy of Sciences, Ekaterinburg) - Krause, Rüdiger (Goethe University Frankfurt)
- 12:45 **DISCUSSION SLOT**
- 14:30 **ANCIENT POPULATION ON THE SHORES OF THE SYSTEM FLOW-THROUGH LAKES: THE DYNAMICS OF DEVELOPMENT AND LIFE SUPPORT SYSTEM (WESTERN SIBERIA)**  
Zimina, Oksana - Idrisov, Ildar (Tyumen State University) - Sizov, Oleg (Institute of Oil and Gas Problems RAS) - Ryabogina, Natalia (Tyumen Scientific Centre SB RAS)
- 14:45 **ADAPTATION, MIGRATION AND CULTURE TRANSFORMATION IN CHANGING ENVIRONMENT DURING THE IRON AGE AND MIGRATION PERIOD IN WESTERN PRE-URALS (MIDDLE KAMA)**  
Pereskokov, Mikhail (Perm State University) - Shumilovskikh, Lyudmila - Schmidt, Monika (Georg-August-University, Göttingen) - Sannikov, Pavel (Perm State University)
- 15:00 **ALLUVIAL AND VEGETATION DYNAMICS IN THE CONTEXT OF HUMAN ACTIVITIES IN NOVAYA KIREMET, MIDDLE VOLGA REGION: GEOMORPHOLOGY, SEDIMENTS AND POLLEN**  
Cordova, Carlos (Oklahoma State University; Kazan Federal University) - Vyazov, Leonid - Salova, Julia (Kazan Federal University)
- 15:15 **LANDSCAPE DEVELOPMENT OF THE OKA RIVER VALLEY FROM THE BRONZE AGE TO THE MIGRATION PERIOD: NEW MATERIALS**  
Syrovatko, Alexander (Kolomna Archaeological Center; State social and humanitarian university, Kolomna) - Panin, Andrey (Moscow State University; Institute of Geography of the Russian Academy of Sciences) - Gol'eva, Alexandra (Institute of Geography of the Russian Academy of Sciences)
- 15:30 **ANCIENT HYDROTECHNICAL STRUCTURES OF MSU ZVENIGOROD BIOLOGICAL STATION (MOSCOW REGION, RUSSIA): MULTI-PROXY STUDIES**  
Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Krivokorin, Ivan (Tallin University of Technology) - Krenke, Nikolay (Institute of Archaeology RAS)

- 15:45 **CHARCOAL IN THE CULTURAL LAYER OF EARLY IRON AGE AND MEDIEVAL HILLFORTS IN THE UPPER VOLGA BASIN (NW RUSSIA)**  
Kupriyanov, Dmitriy - Smirnov, Alexei (Institute of Archaeology Russian Academy of Sciences) - Bobrovsky, Maxim (Institute of Physicochemical and Biological Problems of Soil Science, Russian Academy of Sciences)
- 16:00 **DISCUSSION SLOT**
- 16:30 **EARLY SLAVIC SUBSISTENCE IN THE PRIPYAT MARSHLANDS OF POLESIE (BELARUS)**  
Kasiuk, Alena (Institute of History, National Academy of Sciences of Belarus, Minsk) - Schneeweiss, Jens (Cluster of Excellence ROOTS, Centre for Baltic and Scandinavian Archaeology - ZBSA, Stiftung Schleswig-Holsteinische Landesmuseen Schloß Gottorf, Schleswig) - Bartrow, Anna (Martin Luther University Halle-Wittenberg, Institute for the History of Arts and Archaeologies of Europe) - Shevchenko, Anna (Max Planck Institute of Molecular Cell Biology and Genetics, Dresden) - Kittel, Piotr (University of Lodz, Department of Geomorphology and Paleogeography) - Shumilovskikh, Lyudmila (Georg-August-University Göttingen, Albrecht-von-Haller-Institute for Plant Sciences) - Lyashkevich, Elona (Institute of History, National Academy of Sciences of Belarus, Minsk) - Gorobets, Leonid (National Museum of Natural History of the National Academy of Sciences of Ukraine, Kyiv)
- 16:45 **LAND USE SYSTEMS AND VEGETATION DYNAMICS IN THE DNIEPER FOREST-STEPPE IN THE LATE HOLOCENE (CASE STUDY KURILOVKA 2, RUSSIA)**  
Rodinkova, Vlasta (Institute of Archaeology, Russian Academy of Sciences) - Ponomarenko, Elena (University of Ottawa) - Salova, Julia (Kazan Federal University)
- 17:00 **NEW PALEOENVIRONMENTAL RECORDS FROM SMALL VALLEYS IN THE MIDDLE VOLGA, RUSSIA IN THE LATE HOLOCENE: HIGH-RESOLUTION DATA FROM SEDIMENTARY ARCHIVES**  
Blinnikov, Mikhail (St Cloud State University; Kazan Federal University) - Leonid, Vyazov (Kazan Federal University) - Cordova, Carlos (Oklahoma State University) - Ponomarenko, Elena (University of Ottawa)
- 17:15 **AGRICULTURE, MINING, AND SETTLEMENT PATTERN ON THE BANKS OF THE VOLGA RIVER DURING THE MIGRATION PERIOD**  
Vyazov, Leonid (Kazan Federal University) - Ponomarenko, Dmitri (Paleontological Institute, Russian Academy of Sciences) - Ponomarenko, Elena (University of Ottawa; Kazan Federal University) - Blinnikov, Mikhail (StCloud State University; Kazan Federal University) - Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Salova, Julia (Kazan Federal University) - Petrova, Darya (Khalikov Institute of Archaeology, Tatarstan Academy of Sciences)
- 17:30 **MICRO SWAMP VERSUS POND: THE STUDY OF THE INTERACTION OF NATURE AND MAN IN MUSCOVITE RUSSIA OF THE XV CENTURY**  
Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Chernov, Sergey (Institute of Archaeology RAS)
- 17:45 **EASTERN CASPIAN IN NEOLITHIC**  
Alisher Kyzy, Saltanat (Institute of Archaeology and Ethnography Siberian Branch of Russian Academy of Science) - Yanina, Tamara (Moscow State University) - Shnaider, Svetlana (Institute of Archaeology and Ethnography Siberian Branch of Russian Academy of Science; Novosibirsk State University)
- 18:00 **DISCUSSION SLOT**
- POSTERS:**
- A. **HUMAN IMPACT AS A KEY FACTOR OF LANDSCAPE DYNAMICS OF THE UPPER DNIEPER BASIN (WESTERN RUSSIA): A CASE STUDY**  
Lavrenov, Nikita - Ershova, Ekaterina (Lomonosov Moscow State University; Kazan Federal University)
- B. **DEVELOPMENT OF WATERSHED SPACES OF THE VOLGA- OKA RIGHT BANK IN 14TH-18TH CENTURIES AND DISASTROUS EFFECTS FOR FOREST LANDSCAPES**  
Khokhlova, Olga (Institute of Physicochemical and Biological Problems of Soil Science, Russian Academy of Sciences) - Sycheva, Svetlana (Institute of Geography RAS) - Gribov, Nikolay (Institute of Archaeology, Russian Academy of Sciences) - Ukrainskiy, Pavel (Belgorod State National Research University)

## 544 ARCHAEOLOGY TOURISM AND SUSTAINABILITY

Time: 14:30 - 18:00 CEST, 11 September 2021

Theme: 3. The new normality of heritage management and museums in post-Covid times

Format: Regular session

Organisers: Czonstke, Karolina (University of Gdansk; Archaeological Museum in Gdańsk) - McAtackney, Laura - Riis Andresen, Jens-Bjørn (Aarhus University) - Caretta, M. Nicolas (Bornholms Museum)

### ABSTRACTS

- 14:30 INTRODUCTION
- 14:45 MODERN PROBLEMS REQUIRE ANCIENT SOLUTIONS: A LONGITUDINAL STUDY OF ENVIRONMENTAL AND CULTURAL SUSTAINABILITY  
Maddox, Timmis (University of Wisconsin-Milwaukee) - Caretta, Nicolás (Bornholms Museum)
- 15:00 WALKING TOURISM AND URBAN CONTEXTS: THE CHALLENGING ROLE OF ARCHAEOLOGICAL HERITAGE  
Salvarani, Renata (European University of Rome)
- 15:15 DISCUSSION SLOT
- 15:30 HERE BE DRAGONS - CREATING OPPORTUNITIES FOR SUSTAINABLE EDUCATIONAL TOURISM IN NORTH WEST WALES  
Moeller, Katharina (Prifysgol Bangor University)
- 15:45 CONTRACT ARCHAEOLOGY IN THE AGE OF CORONA - INNOVATING AND ADAPTING NEW WAYS FOR PUBLIC MEDIATION AND PARTICIPATION  
Nelson, Matthew (Linnaeus University)
- 16:00 DISCUSSION SLOT
- 16:15 ARCHAEO TOURISM IN THE SOUTH BALTIC REGION - THE ARCHAEOBALT PROJECT PERSPECTIVE  
Czonstke, Karolina (University of Gdańsk; Archaeological Museum in Gdańsk) - Świątkowski, Bartosz (University of Gdańsk)
- 16:30 HERITERRA - A TASTING CROSS-BORDER EXPERIENCE  
Vintar, Anja (Institute for the Protection of Cultural Heritage of Slovenia) - Črešnar, Matija (Department of Archaeology, Faculty of Arts, University of Ljubljana) - Kiszter, Sarah - Mele, Marko (Archäologie & Münzkabinett, Universalmuseum Joanneum)
- 16:45 DISCUSSION SLOT

## 685 BETWEEN EAST AND WEST. MATERIAL STUDIES OF SOCIAL INTERACTIONS IN 3RD MILLENNIUM BC ON THE NORTHERN EUROPEAN PLAINS

Time: 9:00 - 11:00 CEST, 11 September 2021

Theme: 6. Material culture studies and societies

Format: Regular session

Organisers: Klecha, Aleksandra (University of Warsaw) - Tkachova, Mariya - Charniauski, Maksim (Institute of History, The National Academy of Sciences of Belarus)

### ABSTRACTS

- 9:00 INTRODUCTION
- 9:15 FOREIGN GODS: EVIDENCE OF WORLDVIEW TRANSFORMATIONS IN THE MATERIAL CULTURE OF PEAT SETTLEMENTS OF THE BELARUSIAN LAKE LAND REGION  
Charnianski, Maxim (Department of the prehistory archaeology, Institute of history, NAS of Belarus)

- 9:30 ON THE TIP: THE RESULTS OF THE TRACEOLOGICAL ANALYSIS OF BONE STEMS FROM KRIVINA PEAT BOG, BELARUS  
Malyutina, Anna (The Institute for the history of material culture) - Charniauski, Maxim (Institute of History of the National Academy of Sciences of Belarus)
- 9:45 CORDED WARE HORIZON ON THE ZEDMAR A SITE: CULTURAL ATTRIBUTION  
Tkach, Evgenia - Malytina, Anna (Institute for the History of Material Culture Russian Academy of Sciences)
- 10:00 LATE NEOLITHIC POTTERY AS AN INDICATOR OF SOCIAL CHANGE IN NE POLAND  
Klecha, Aleksandra (University of Warsaw) - Manasterski, Dariusz (Faculty of Archaeology at the University of Warsaw)
- 10:15 ON THE EASTERN PERIPHERY - BELL BEAKER MATERIALS FROM THE MASURIAN LAKE DISTRICT  
Klecha, Aleksandra (University of Warsaw) - Manasterski, Dariusz - Januszek, Katarzyna (the Faculty of Archaeology at the University of Warsaw)
- 10:30 DISCUSSION SLOT

### POSTERS:

- A. CHANGING PERSPECTIVES - THIN SECTION AND ICP-MA/ES ANALYSES OF NEOLITHIC POTTERY FROM THE ÅLAND ISLANDS, FINLAND  
Brorsson, Torbjörn (Ceramic Studies) - Lucenius, Jenni (University of Turku) - Stenbäck, Niklas (Department of Education and Culture, Government of Åland Islands)

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| 5       | Understanding Prehistoric Demography   | Armit, Ian             | 7 Sep<br>9:00 - 16:30   |
| 16      | "Economic Archaeology" and Quantitative Approaches – Measuring the Variations in Production and Consumption from Archaeological Data | Pasquini, Béline       | 8 Sep<br>9:00 - 13:00   |
| 21      | Domesticating Time: Temporal Changes in Animals and Plants during the Holocene   | Rosenstock, Eva        | 8 Sep<br>9:00 - 12:30   |
| 22      | A United Europe of Things 2. Large Scale and Local Networks of Differences and Similarities in Medieval Material Culture             | Sawicki, Jakub         | 7 Sep<br>11:00 - 18:30  |
| 34      | Scales of Interaction in the Bronze and Iron Age Central Mediterranean   | Holt, Emily            | 7 Sep<br>14:30 - 18:00  |
| 35      | Human Mobility and Archaeological Thought: Moving forward  | Nikita, Efthimia       | 9 Sep<br>14:30 - 18:30  |
| 46      | Advancing Skyscape and Landscape Archaeologies: Relations with the Sky. Interactions between Disciplines                             | Balbi, Jose            | 9 Sep<br>11:00 - 18:30  |
| 48      | Ebb & Flow: Exploring Rivers from Prehistory to the Present Day  | Nimura, Courtney       | 8 Sep<br>9:00 - 16:30   |
| 49      | Luxury in Life and Death in the European Iron Age. Identity - Elite Networks - Economy - Arts and Crafts                             | Fuerst, Sebastian      | 10 Sep<br>14:30 - 18:30 |
| 57      | A Martial World or a Diverse Community? Gender, Social Stratification and Minorities on Castles                                      | Atzbach, Rainer        | 7 Sep<br>9:00 - 12:00   |
| 85      | Islamic Archaeology in Europe and Beyond: Widening Horizons, Blurring Boundaries. Part 1   | Shingiray, Irina       | 10 Sep<br>14:30 - 18:30 |
| 86      | Islamic Archaeology in Europe and Beyond: Widening Horizons, Blurring Boundaries. Part 2   | Shingiray, Irina       | 11 Sep<br>14:30 - 18:30 |
| 87      | The Material Culture of Attachment: Social Bonds, Childhood and Emotionally Important Objects  | Lipkin, Sanna          | 10 Sep<br>14:30 - 18:00 |
| 94      | Decision-making in Archaeological Heritage Management: Moving forward  | Verschuur, Marjolein   | 10 Sep<br>9:00 - 13:00  |
| 95      | Arts in Work: About the Interaction of Soundscapes and Taskscapes in Antiquity   | Garcia-Ventura, Agnes  | 10 Sep<br>9:00 - 13:00  |
| 97      | Redrawing Lines in the Sand: New Archaeological Approaches to Addressing Climate Impacts [CCH]                                       | Martens, Vibeke        | 10 Sep<br>14:30 - 18:30 |
| 100     | To Gender or not to Gender? Exploring Gender Variations through Time and Space [AGE]   | Gaydarska, Bissierka   | 9 Sep<br>11:00 - 18:00  |
| 101     | On the Shoulders of Prometheus: International Collaboration and the Archaeology of the South Caucasus                                | Everill, Paul          | 7 Sep<br>9:00 - 13:00   |
| 111     | Preserving Transformative 'Palimpsests': The Role of Digital Heritage and Participative Approaches in Current Urban Archaeology      | Guttormsen, Torgrim    | 7 Sep<br>9:00 - 11:00   |
| 114     | 1200 BC from the Atlantic to Asia: Social Collapse and Resilience in Regional Perspective. Part 1                                    | Molloy, Barry          | 10 Sep<br>14:30 - 18:30 |
| 115     | 1200 BC from the Atlantic to Asia: Social Collapse and Resilience in Regional Perspective. Part 2                                    | Molloy, Barry          | 11 Sep<br>14:30 - 18:30 |
| 116     | The Archaeology of Magyar Raids in Western and Eastern Europe  | Lemm, Thorsten         | 7 Sep<br>9:00 - 16:00   |

| Session | Session title   | Main Session Organiser | Date and Time           |
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| 119     | On Class, Elitism, and Poverty: Archaeology and Social Class  | Ribeiro, Artur         | 7 Sep<br>9:00 - 13:00   |
| 120     | What Is "Social" in Social Archaeology? Re-evaluating Social Theory and Its Impact in European Prehistory   | Staniuk, Robert        | 10 Sep<br>14:30 - 18:30 |
| 130     | BIG-BIO: Opportunities and Challenges of BIG Data with a Focus on BIO-Archaeology   | Fulminante, Francesca  | 7 Sep<br>14:30 - 18:30  |
| 131     | The Place of Queer Theory in Current Archaeological Debates: All T, No Shade? [AGE]   | Jensen, Bo             | 8 Sep<br>14:30 - 16:30  |
| 140     | Compensation in Architecture and Archaeology - On Compensation as a Concept, Method, and Professional Practice  | Rönn, Magnus           | 10 Sep<br>14:30 - 18:30 |
| 141     | Between Bones and Beliefs: Human-Bird Relations in Central and Northern Europe in the 1st Millennium AD   | Karpinska, Klaudia     | 9 Sep<br>9:00 - 13:00   |
| 143     | Dendroarchaeology: Wood Science for the Reconstruction of Past Landscapes and Human-Environment Interactions Based on Archaeological and Historical Studies of Wood Remains | Shindo, Lisa           | 9 Sep<br>11:00 - 18:30  |
| 144     | The Ever Changing Coast: Interactions of People, Landscapes and Environment along Europe's Seas in High-Resolution  | Kristiansen, Søren     | 9 Sep<br>9:00 - 16:30   |
| 149     | Bioarchaeology of Health, Lifestyle and Social Change in the Later Middle Ages  | Robb, John             | 11 Sep<br>9:00 - 16:30  |
| 152     | Ancient West Asia and Egyptian Soundscapes in Contact   | Köpp-Junk, Heidi       | 8 Sep<br>9:00 - 15:30   |
| 153     | Archaeology in the Digitocene Age: Discussing Critical Approaches, Onto-Ethics, and Policies of Digital Practices   | Hanus, Kasper Jan      | 9 Sep<br>14:30 - 18:30  |
| 156     | Users of Heritage: Critical Appraisal of the Adoption of Citizen Science in Digital Processes of Archaeological Knowledge Production  | Thomas, Suzie          | 8 Sep<br>9:00 - 11:00   |
| 164     | Constructive Conservation: Making Monuments Useful  | Darvill, Timothy       | 9 Sep<br>14:30 - 18:30  |
| 165     | People Power? Past, Present and Future for Public Participation in Archaeological Fieldwork   | Lewis, Carena          | 7 Sep<br>14:30 - 18:30  |
| 167     | Dirty Heritage: Towards an Archaeology of Consumption, Waste and Environmental Change   | Papoli Yazdi, Leila    | 11 Sep<br>14:30 - 17:30 |
| 169     | Periodicity and Cyclicity in Prehistoric Practice as Seen in Waterlogged Contexts   | Ballmer, Ariane        | 10 Sep<br>14:30 - 18:00 |
| 171     | The Emergence of Social Inequality in Europe and Southwest Asia: From the Later Upper Palaeolithic to the Early Bronze Age  | Iversen, Rune          | 7 Sep<br>11:00 - 18:30  |
| 172     | Sacrifice & Value: Seeking an Anthropological Archaeology of Sacrifice  | Walsh, Matthew         | 8 Sep<br>9:00 - 12:30   |
| 178     | Between Autochthonism, Marxism and Turboslavism: Concepts of Slavs and Slavic Origins Through Space and Time  | Reichenbach, Karin     | 10 Sep<br>9:00 - 13:00  |
| 179     | The Geoarchaeology and Sustainability of Cultivation Terraces and Lynchets in Europe  | Fallu, Daniel          | 7 Sep<br>9:00 - 18:30   |

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| 180     | Protecting Archaeological Heritage in the Globalisation Era: Trends, Challenges, Solutions [Illicit Trade]                              | Mödlinger, Marianne     | 11 Sep<br>9:00 - 12:00  |
| 188     | Beast and Human: Northern Europe, from the Bronze Age to Modern Times   | Grimm, Oliver           | 7 Sep<br>14:30 - 18:30  |
| 192     | Landscapes and the Augustan Revolution: Exploring the Transformation of the Western Provinces between the Republic and the Early Empire | Espana-Chamorro, Sergio | 8 Sep<br>9:00 - 13:00   |
| 202     | Ancient Cultural Routes: Past Transportation as a Two-Way Interaction between Society and Environment                                   | Mazzilli, Francesca     | 10 Sep<br>14:30 - 18:30 |
| 204     | Are We Really Strategic? Devising and Implementing Archaeological Strategies  | Doyle, Ian              | 7 Sep<br>16:30 - 18:30  |
| 205     | Lithic Raw Materials in Prehistory: Methods, Practice and Theory. Part 1  | Brandl, Michael         | 10 Sep<br>14:30 - 18:30 |
| 206     | Lithic Raw Materials in Prehistory: Methods, Practice and Theory. Part 2  | Brandl, Michael         | 11 Sep<br>11:00 - 17:30 |
| 207     | Combustion Features in Mediterranean Late Prehistory: Multidisciplinary Approaches to Their Uses and Functions                          | Belarte, Maria Carme    | 10 Sep<br>11:00 - 18:30 |
| 213     | Routed Archaeology II - Archaeological Routes and New Technologies  | Mele, Marko             | 11 Sep<br>14:30 - 18:30 |
| 214     | Kingship in Early Medieval Europe: Places of Royal Power and Ritual   | Sanmark, Alexandra      | 10 Sep<br>14:30 - 18:30 |
| 216     | Horizon Europe: Addressing the Priorities   | Carver, Martin          | 10 Sep<br>9:00 - 11:00  |
| 217     | Prehistoric Landscapes under the Bog: Tracing Cultural Responses to Environmental Change  | Behrens, Anja           | 7 Sep<br>9:00 - 13:00   |
| 219     | The Historical Ecology of Reclamation Landscapes: Towards a Cross-Cultural Comparative Perspective                                      | Haas, Tymon             | 9 Sep<br>14:30 - 18:30  |
| 221     | Connecting Prehistoric Anatolia and Europe through Foodways   | Dietrich, Laura         | 9 Sep<br>9:00 - 13:00   |
| 222     | Lost in Translation: Transformed and Forgotten Knowledge  | Kneisel, Jutta          | 10 Sep<br>11:00 - 18:30 |
| 228     | Agricultural Change and Social Inequality: Approaching Complexity   | Kerig, Tim              | 11 Sep<br>9:00 - 17:30  |
| 230     | Stories and Compassion: Material Culture, Memory, and Emotion   | Nilsson Stutz, Liv      | 10 Sep<br>14:30 - 18:30 |
| 231     | Embracing Change: New Insights and Theories on the Changing "European Worlds" from the 3rd and 2nd Millennium BC                        | Basilio, Ana Catarina   | 11 Sep<br>11:00 - 18:00 |
| 232     | Swords to Ploughshares – Conciliation as an Alternative to Conflicts. A Diachronic Perspective between Late Neolithic and Viking Age    | Skorna, Henry           | 7 Sep<br>9:00 - 13:00   |
| 233     | In Search of the Urban Habitat: Exploring the Connection between Towns and Their Environment in Time and Space [Urban Archaeology]      | Bouwmeester, Jeroen     | 10 Sep<br>11:00 - 18:00 |
| 235     | Is Machine Learning in Archaeology Fact or Fiction?   | Price, Henry            | 10 Sep<br>9:00 - 11:00  |
| 236     | Representation matters – Diversity in Visual Representations of the Past  | Scheyhing, Nicola       | 11 Sep<br>14:30 - 18:30 |

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| 244     | The Sea and the City: Unravelling Stories from the Seafaring World from the 9th to the 18th Century   | Toreld, Christina      | 10 Sep<br>9:00 - 13:00  |
| 245     | Lost in Translation? - Interplay of Archaeological Theory and Scientific Practice as Key for Modern Archaeological Reasoning  | Giroto, Chiara         | 7 Sep<br>14:30 - 18:30  |
| 246     | IMPR – Phytoliths in Integrated Archaeobotanical and Ethnoarchaeological Studies  | Dal Corso, Marta       | 10 Sep<br>9:00 - 18:00  |
| 247     | Pleistocene Early Weaponry Technologies: A Multifaceted Mosaic of New Evidence and Behaviours [PaM]   | Milks, Annemieke       | 7 Sep<br>14:30 - 18:30  |
| 249     | Forestry, Subsistence and Industry: The Character and Conservation of Woodland Heritage   | Holyoak, Vincent       | 10 Sep<br>9:00 - 13:00  |
| 251     | IMPR – Phytolith Identification, Classification and Morphometry   | Out, Welmoed           | 7 Sep<br>14:30 - 18:30  |
| 256     | IMPR – Phytoliths Biogeochemistry - From Phytoliths Formation and Role in Modern Plants to New Proxies for Archaeology and Palaeoecology                              | Dreibrodt, Stefan      | 8 Sep<br>11:00 - 16:30  |
| 259     | Mobile Pastoralism, Salt and Cheese. Ethnographic Perspectives on the Spatial Configuration of a Long-Term Mediterranean Triad  | Attema, Peter          | 7 Sep<br>9:00 - 13:00   |
| 260     | Probatio Diabolica: Absence of Evidence Is Not Evidence of Absence  | Stead, Stephen         | 7 Sep<br>16:30 - 18:30  |
| 265     | Sweet and Sour: Successes and Challenges of Collaboration in Enhancing Resilience and Sustainable Management in Archaeology [Public Archaeology]                      | Benetti, Francesca     | 11 Sep<br>16:30 - 18:30 |
| 267     | History of Measuring and Calculations in Archaeology  | Plutniak, Sébastien    | 8 Sep<br>9:00 - 12:00   |
| 268     | At the Edge: Liminal Architecture During the Medieval Period or Liminal Architecture: resisting the stereotype  | Patrick, Laura         | 7 Sep<br>14:30 - 18:30  |
| 269     | Between Variability and Singularity: Crossing Theoretical, Qualitative and Computer-based Approaches to Types and Typologies in Archaeology [PaM]                     | Hussain, Shumon        | 10 Sep<br>9:00 - 15:30  |
| 273     | Towards an International Archaeology of Fortifications: Methodologies and Interpretations [COMFORT]   | Schneeweiss, Jens      | 9 Sep<br>9:00 - 18:30   |
| 276     | Crossed Approaches to Transitions in the Neolithic: Understanding Social Mechanisms Underlying Material Culture Transformation Using the Concept of Chaîne Opératoire | DENIS, Solène          | 9 Sep<br>9:00 - 13:00   |
| 277     | Living in the Mountains: Settlement Strategies from the Beginning of the Holocene to Modern Times in Southern Europe. Part 1  | Alliot, Pascal         | 8 Sep<br>9:00 - 13:00   |
| 278     | Systemic Approaches to Agricultural and Land Use Change in Prehistoric Societies. Part 1  | Antolin, Ferran        | 9 Sep<br>14:30 - 18:30  |
| 279     | Living in the Mountains: Settlement Strategies from the Beginning of the Holocene to Modern Times in Southern Europe. Part 2  | Alliot, Pascal         | 9 Sep<br>9:00 - 13:00   |

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| 282     | Systemic Approaches to Agricultural and Land Use Change in Prehistoric Societies. Part 2  | Antolin, Ferran          | 10 Sep<br>9:00 - 13:00  |
| 284     | Innovations, Ideology and Interactions - The Narratives of Early Modern Decorated Earthenware   | Witte, Frauke            | 8 Sep<br>9:00 - 15:30   |
| 287     | Economic and Technological Networks of the Eurasian Steppes   | Gleba, Margarita         | 8 Sep<br>11:00 - 16:30  |
| 294     | Widening Horizons – Contributing to Communities in a post-Covid-19 World through Increasing Access to Archaeology and Heritage                                    | Richardson, Philip       | 9 Sep<br>14:30 - 18:30  |
| 295     | Beyond the Far Horizon: Evaluating Regional Survey in the Western Iberian Peninsula. The State-of-the-Art and Future Prospects [FIDO; Archaeological Prospection] | García Sánchez, Jesús    | 9 Sep<br>9:00 - 13:00   |
| 296     | Tracing Prehistoric Hunter-Gatherers in Their Environment: Challenges and Perspectives for Prospecting Elusive Lifeways [PaM; Archaeological Prospection]         | De Smedt, Philippe       | 8 Sep<br>14:30 - 16:30  |
| 297     | Modelling Complexity: Past Interactions between People, Climate and Environment [PaM]   | Burke, Ariane            | 11 Sep<br>9:00 - 16:30  |
| 298     | The Long Fourth Century BC: Tracing the Transformation of Southern Italy in Its Mediterranean Context   | Heitz, Christian         | 11 Sep<br>9:00 - 16:30  |
| 300     | Contact – the ‘Other’ in Experimental Use-Wear Studies  | Thaler, Ulrich           | 8 Sep<br>9:00 - 16:30   |
| 313     | Earth, Water and Fire: Approaching Living Habitat and Community Landscape Management  | Cantisani, Matteo        | 11 Sep<br>9:00 - 16:30  |
| 315     | Conflict Escalation and De-escalation in Urbanity   | Loy, Anna                | 11 Sep<br>14:30 - 18:00 |
| 318     | How Can Metal Corrosion Products Contribute to Archaeological Research? - Archaeometallurgy@EAA, Part 1   | Rose, Thomas             | 9 Sep<br>14:30 - 18:30  |
| 319     | IMPR - Phytoliths in Geoarchaeology and Micromorphology   | Vrydaghs, Luc            | 11 Sep<br>11:00 - 16:30 |
| 321     | Contemporary Approaches to the Investigation and Management of Archaeological Resources in Alluvial Environments  | Crabb, Nicholas          | 8 Sep<br>9:00 - 11:00   |
| 322     | Small-Island Resilience and Vulnerability   | Angliker, Erica          | 7 Sep<br>14:30 - 18:30  |
| 326     | Everything You Always Wanted to Know About Phytoliths (But Were Afraid...): Their Contribution to the Modeling of Past Human Behavior                             | Chevalier, Alexandre     | 9 Sep<br>14:30 - 17:30  |
| 327     | Engendering Public Archaeology [AGE]  | Masriera-Esquerra, Clara | 10 Sep<br>9:00 - 13:00  |
| 330     | The Carpathian Basin as a Melting Pot? Perspectives on Social and Cultural Diversity from the Neolithic to the Bronze Age   | Szilagyi, Kata           | 7 Sep<br>9:00 - 18:30   |
| 334     | Human-Environmental Networks in Healing Cults, Rural Sanctuaries and Sacred Groves between Intersectionality and Transcultural Negotiation                        | Da Vela, Raffaella       | 8 Sep<br>9:00 - 15:30   |

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| 339     | Social Networks of Non-Urban Settlements during the Early and High Middle Ages in Europe  | Rácz, Tibor                 | 8 Sep<br>9:00 - 16:30   |
| 340     | IMPR - Phytoliths as a Proxy for Palaeoenvironmental Reconstruction   | PETO, ÁKOS                  | 9 Sep<br>14:30 - 18:30  |
| 341     | Wide Horizons - No Limits? Dynamically Formulating the Boundaries of Archaeology  | Lindstrom, Torill Christine | 7 Sep<br>14:30 - 18:30  |
| 342     | IMPR - Microscopy Session: Phytoliths in Soil Thin Sections   | Polo-Diaz, Ana              | 11 Sep<br>16:30 - 18:30 |
| 343     | The Rise of Patriarchy. An Archaeological View [AGE]  | Koch, Julia                 | 9 Sep<br>9:00 - 11:00   |
| 344     | How Many People? Archaeological Approaches to the Study of Past Demography  | Fernandes, Ricardo          | 11 Sep<br>9:00 - 13:00  |
| 346     | Mortality, Materiality, and Meaning – Employing Archaeological Material Science for the Reconstruction of Funerary and Ritual Practices   | Fundurulic, Ana             | 7 Sep<br>9:00 - 13:00   |
| 347     | Public and Community Archaeology in a (Post-)Covid Landscape [Public Archaeology]   | Westmont, V. Camille        | 8 Sep<br>14:30 - 16:30  |
| 348     | Derivatives of Their Men? Alternatives to the “Woman Problem” in Mortuary Archaeology [AGE]   | Stanton, Emily              | 10 Sep<br>14:30 - 18:00 |
| 350     | Keeping Apart and Coming Together: Mobility Restrictions and Confinement as Health Practices in a Longue Durée Perspective  | Cianciosi, Alessandra       | 11 Sep<br>14:30 - 18:00 |
| 351     | Between Style and Function: The Technology of Neolithic Pottery Finishes in SE Europe   | Burke, Clare                | 9 Sep<br>9:00 - 16:00   |
| 352     | Empowering the Voiceless. The Role of the Rural Population in State Building and Christianisation in East-Central Europe  | Vargha, Maria               | 11 Sep<br>9:00 - 12:30  |
| 354     | The Plant Story. Cultivation and Use of Plants in the Neolithic and Early Bronze Age in the Central and Eastern Europe  | Sobkowiak-Tabaka, Iwona     | 9 Sep<br>9:00 - 11:00   |
| 355     | Community Archaeology and Climate Threat Response   | McGovern, Thomas            | 9 Sep<br>14:30 - 18:00  |
| 359     | Food Cultures in Ancient Societies  | Kubiak-Martens, Lucy        | 10 Sep<br>9:00 - 17:30  |
| 360     | Rock Art Technology: Theoretical and Methodological Approaches. Part 1  | Santos da Rosa, Neemias     | 7 Sep<br>14:30 - 18:30  |
| 361     | Rock Art Technology: Theoretical and Methodological Approaches. Part 2  | Santos da Rosa, Neemias     | 8 Sep<br>9:00 - 13:00   |
| 362     | Mounds and Monumentality in Broader Perspectives: Digital and Non-Digital Techniques to Explore Past Barrow Landscapes  | Carrero-Pazos, Miguel       | 11 Sep<br>9:00 - 13:00  |
| 365     | “Invisible Products” - Scientific Advancements in Identifying Animal Secondary Products and Their Contribution to Understanding Animal Domestication and Human-Animal Relationships | Gur-Arieh, Shira            | 7 Sep<br>14:30 - 18:30  |

| Session | Session title  | Main Session Organiser      | Date and Time           |
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| 367     | Ideological, Technological & Economic Change in the First Millennium BCE at the Eurasian Extremities: Japan and Britain in Wider Context | Hutcheson, Andrew           | 9 Sep<br>9:00 - 15:30   |
| 368     | A Dark Golden Age. New Approaches in the Research of the Circumalpine Middle Bronze Age  | Schwarzberg, Heiner         | 8 Sep<br>9:00 - 15:30   |
| 370     | The Tangible and the Intangible: New Vistas on Cultural Heritage Documentation and Management  | Chroni, Athina              | 8 Sep<br>9:00 - 13:00   |
| 373     | Social Interaction in Heritage Environments  | Scutt, Win                  | 9 Sep<br>9:00 - 12:00   |
| 375     | Archaeology, Language and Landscape  | Klir, Tomas                 | 11 Sep<br>14:30 - 18:30 |
| 376     | Expanding Horizons: Decolonisation, Contested Ownership of Archaeological Material, and the 1970 UNESCO Convention on Cultural Property  | Godfrey, Evelyne            | 8 Sep<br>14:30 - 17:30  |
| 377     | A World of Clay II: From Fragments to Societies  | Kroon, Erik                 | 9 Sep<br>9:00 - 16:30   |
| 379     | The Interaction between Nomadism and Sedentism: An Approach through Religious Practices and Beliefs                                      | Ethier, Jonathan            | 9 Sep<br>14:30 - 18:30  |
| 381     | Children of the Bronze Age: Connecting Europe from the Time of Bell Beakers to the Urnfield Period                                       | Herrero-Corral, Ana         | 10 Sep<br>9:00 - 12:30  |
| 382     | From the Field to the Computer. The Validity of Quantitative Methods Regarding the Quality of Archaeological Data                        | Cortell-Nicolau, Alfredo    | 11 Sep<br>14:30 - 18:00 |
| 383     | Social Transformations in Ancient Cyprus   | Zeman-Wisniewska, Katarzyna | 11 Sep<br>9:00 - 16:30  |
| 388     | Prehistoric Inter-Societal Dynamics along the Atlantic Façade from the Neolithic to the Iron Age   | Higginbottom, Gail          | 9 Sep<br>16:30 - 18:30  |
| 389     | From Coast to Coast – Current Archaeological Research on Cultural Exchange along and across the Baltic Sea                               | Jahn, Christoph             | 10 Sep<br>9:00 - 16:30  |
| 390     | Cross-Disciplinary Approaches to Archaeothanatological and Taphonomic Analyses of Human Remains  | Camarós, Edgard             | 9 Sep<br>9:00 - 16:30   |
| 392     | Identity Politics and Culture(s) in Neolithic and Bronze Age Archaeology   | Arponen, VRJ                | 9 Sep<br>11:00 - 13:00  |
| 394     | Who Were the First Potters? Current Research in Early Pottery Production in Western Eurasia. Part 1                                      | Spataro, Michela            | 10 Sep<br>9:00 - 13:00  |
| 395     | Who Were the First Potters? Current Research in Early Pottery Production in Western Eurasia. Part 2                                      | Spataro, Michela            | 11 Sep<br>9:00 - 13:00  |
| 402     | Climate and Environmental Change in the Nile Valley  | Panagiotakopulu, Eva        | 11 Sep<br>16:30 - 18:30 |
| 404     | New Technologies, New Theories? Reflections on the Perception and Simulation of Building Environments and Architecture                   | Kreiser, Jane               | 7 Sep<br>9:00 - 13:00   |
| 409     | Archaeologists, Sites and Methodologies: Professional and Personal Networks in mid-20th-Century Europe (Part 2)                          | Gramsch, Alexander          | 9 Sep<br>9:00 - 13:00   |
| 411     | A Community of Ancestors: The Urnfield Phenomenon in Northern Europe   | Rose, Helene                | 10 Sep<br>16:30 - 18:30 |
| 412     | People on the Move: Changing Genes, Cultures and Languages   | Torv, Mari                  | 9 Sep<br>16:30 - 18:30  |

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| 415     | Northern Eurasia in the Late Pleistocene-Holocene: Periphery or Transit Zone? [PaM]   | Ponkratova, Irina           | 7 Sep<br>9:00 - 12:00   |
| 416     | Visible to the eye? Transmission of ideas through everyday visual culture   | Kurisoo, Tuuli              | 9 Sep<br>11:00 - 13:00  |
| 417     | Connectivity in Later Prehistoric Europe: Mobility, Trade and Interaction from the 2nd Millennium BCE to the 1st Millennium AD            | Gorgues, Alexis             | 10 Sep<br>9:00 - 13:00  |
| 418     | Should I Stay or Should I Go? Patterns of Mobility in Prehistoric Sedentary and Pastoralist Societies                                     | Scharl, Silvine             | 8 Sep<br>9:00 - 15:30   |
| 421     | Demography in Archaeology beyond Boom and Bust? Critical Examinations of Phases of Under- and Overpopulation                              | Hinz, Martin                | 7 Sep<br>16:30 - 18:30  |
| 427     | Island Sustainability and Resilience in Europe: Archaeological, Palaeoecological and Historical Approaches                                | Brown, Antony               | 11 Sep<br>9:00 - 16:00  |
| 428     | Adult Age-at-Death in Past Populations: Widening Horizons of Methods, Approaches and Interpretations                                      | Fuchs, Katharina            | 9 Sep<br>14:30 - 18:30  |
| 432     | Perspectives on Bronze Age Changes  | Schaefer-Di Maida, Stefanie | 9 Sep<br>14:30 - 18:30  |
| 435     | Post-medieval Europe and Widening Horizons  | Mytum, Harold               | 7 Sep<br>11:00 - 13:00  |
| 436     | Creativity and Resourcefulness Online: How Archaeologists and Heritage Educators Overcame the Pandemic and Reached the Public in New Ways | Fonseca, Sofia              | 9 Sep<br>16:30 - 18:30  |
| 438     | Tracing Baptism in the Archaeological Record  | Donnelly, Colm              | 7 Sep<br>14:30 - 18:30  |
| 440     | 'Touching Objects, Feeling Materials': Material Transformations, Technology and Sensoriality in Ancient Material Culture                  | Perna, Simona               | 7 Sep<br>9:00 - 18:30   |
| 441     | The Archaeology of Coastal Communities  | Wouters, Barbora            | 11 Sep<br>11:00 - 18:30 |
| 442     | Misuse of the Medieval in the Early 21st Century  | Spangen, Marte              | 11 Sep<br>9:00 - 11:00  |
| 443     | Re-Imagining How We Create and Develop Archaeologists in a Post-COVID World   | Geary, Kate                 | 10 Sep<br>16:30 - 18:30 |
| 445     | Digital Methods and Typology: New Horizons  | Di Maida, Gianpiero         | 8 Sep<br>9:00 - 13:00   |
| 452     | European Crypt Burials II - A Heritage (Still) at Risk between Science and Public Display   | Alterauge, Amelie           | 11 Sep<br>9:00 - 11:00  |
| 453     | Multidisciplinary Approaches to Environmental and Human Fingerprints of the Roman Period  | Silva-Sánchez, Noemí        | 10 Sep<br>9:00 - 16:30  |
| 454     | Applied Archaeology – New Directions for the Discipline in a Changing World   | Horak, Jan                  | 9 Sep<br>16:30 - 18:30  |
| 456     | From Contemporary Knowns to Past Unknowns - Unlocking Ancient Human-Environment Interconnections via Modern Isotopic Records              | Winter-Schuh, Christine     | 10 Sep<br>9:00 - 16:30  |
| 462     | Assessing the Impact of Major Climatic and/or Environmental Events on Human Culture and Subsistence                                       | Glykou, Aikaterini          | 11 Sep<br>9:00 - 16:30  |
| 463     | What Really Was a Castle?: Widening the Horizons of Interdisciplinary Interpretation  | Swallow, Rachel             | 8 Sep<br>9:00 - 13:00   |

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| 465     | Soil and Sediment Micromorphology in Archaeology   | Devos, Yannick         | 8 Sep<br>9:00 - 16:30   |
| 467     | The Future is Now: Sustainable Approaches to Post-Pandemic Understanding and Management of Cultural Heritage   | Hadji, Athena          | 11 Sep<br>16:30 - 18:30 |
| 468     | Biosocial Archaeology: When Ancient DNA Opens the Discussion to Social Structures  | Rivollat, Maïté        | 9 Sep<br>9:00 - 16:30   |
| 469     | Coast Land Contacts – The Southern Baltic Area in Early Historical Times (1 – 600 AD)  | Voss, Hans-Ulrich      | 7 Sep<br>9:00 - 13:00   |
| 470     | Recent Chronology: Challenging Copper Age Historical Narratives in Central, South-Eastern and Eastern Europe   | Hofmann, Robert        | 10 Sep<br>14:30 - 18:30 |
| 471     | What's So Cultural about Appropriation? Archaeological Perspectives on Cultural Annexations  | Casimiro, Tania        | 10 Sep<br>9:00 - 12:30  |
| 472     | EAA Community Climate Change and Heritage' (CCH) Roundtable  | Biehl, Peter F         | 7 Sep<br>16:30 - 18:30  |
| 473     | Cross-Channel Connections: Complementary New Perspectives on Later Medieval Archaeology in France, Belgium, Netherlands, and the British Isles       | Lorans, Elisabeth      | 7 Sep<br>9:00 - 13:00   |
| 475     | Human Bone and Tooth Artefacts in Hunter-Gatherer Contexts – Case Studies, Analyses, Interpretations and Theories                                    | Mannermaa, Kristiina   | 10 Sep<br>9:00 - 11:00  |
| 476     | Understanding and Expanding Capacity in Archaeological Data Management beyond Western Europe   | Wright, Holly          | 8 Sep<br>11:00 - 16:30  |
| 479     | From Climate Change to Activism: How Can European Hunter-Gatherer Archaeology Contribute towards Broader Contemporary Debates? [PaM]                 | Elliott, Benjamin      | 8 Sep<br>9:00 - 13:00   |
| 480     | How Much Shape Matters? Approaches in Pottery Studies  | Gomez Bach, Anna       | 7 Sep<br>9:00 - 13:00   |
| 482     | Moulding the World. Craftsmen and Craftsmanship between the Baltic and the Carpathians in the Light of Archaeometallurgical Research (2600-500 BC)   | Strózyk, Mateusz       | 8 Sep<br>9:00 - 13:00   |
| 486     | Hunter-Fisher Social Ecology in Forested Environments: Approaching Boreal Naturecultures   | Schreiber, Tanja       | 7 Sep<br>14:30 - 18:30  |
| 487     | A network for agent-based modelling of socio-ecological systems in Archaeology (NASA)  | Verhagen, Philip       | 9 Sep<br>9:00 - 16:30   |
| 489     | Widening Horizons: Sharing Perspectives on Professional Practice in Europe   | Robinson Wild, Esther  | 7 Sep<br>14:30 - 16:30  |
| 490     | Universal Design or How to Guarantee Access to All on Archaeological Sites and Parks   | Dunning, Cynthia       | 11 Sep<br>14:30 - 18:30 |
| 491     | Untangling Life Cycles in Multi-Functional Domestic Areas: Interdisciplinary Approaches to Analyse Space Use and Transformation in the Mediterranean | Valente, Rossana       | 7 Sep<br>9:00 - 16:00   |
| 492     | Scientists, Submitters and Scroungers: Alternative Views on Radiocarbon Dating in Archaeology  | Meadows, John          | 7 Sep<br>16:30 - 18:30  |
| 493     | 'How the Neolithic Created the Bronze Age': Neolithic Societies of Europe on the Eve of Metallurgy   | Brozio, Jan Piet       | 8 Sep<br>14:30 - 16:30  |
| 495     | Covid 19: Assessing the Impact and Planning for a Different Future for Archaeological Heritage Tourism   | Gowen Larsen, Margaret | 11 Sep<br>9:00 - 12:30  |

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| 496     | A World of Clay I: Widening Analytical Horizons   | Arntz, Monique                  | 10 Sep<br>14:30 - 18:30 |
| 497     | What Do My Data Signify? How Can This Theory Be Supported? Interrogating Connections between Science and Theory in Funerary Archaeology             | Monetti, Lisa                   | 8 Sep<br>11:00 - 16:30  |
| 498     | Interdisciplinary Studies on Sicily: Case Studies and Methodology   | Mentesana, Roberta              | 10 Sep<br>14:30 - 18:30 |
| 500     | Integrating Neandertal Legacy: From Past to Present [PaM]   | Mihelic, Sanjin                 | 9 Sep<br>11:00 - 18:00  |
| 501     | Widening the Horizons of Archaeological Metalworking Studies - Archaeometallurgy@EAA, Part 2  | Wärmländer, Sebastian           | 11 Sep<br>9:00 - 16:30  |
| 503     | Towards an Inclusive Future: A Strategy for Rock Art Research, Management and Social Value  | Valdez-Tullett, Joana           | 9 Sep<br>14:30 - 18:00  |
| 504     | News from the Bronze Age – Scaling Dynamics and Narratives  | Burkhardt, Laura                | 11 Sep<br>9:00 - 16:00  |
| 505     | On the Move: Interdisciplinary Approaches in Studying Human Mobility  | Fernée, Christianne             | 9 Sep<br>9:00 - 12:30   |
| 508     | Preserving the “Living Heritage” of Abandoned Lands. Archaeology and Sustainable Practices to Protect and Conserve Upland Landscapes                | Panetta, Alessandro             | 10 Sep<br>16:30 - 18:30 |
| 509     | Horseman-Horse Couple through Time and Space. Part 1  | BINDE, Marion                   | 8 Sep<br>9:00 - 13:00   |
| 510     | Horseman-Horse Couple through Time and Space. Part 2  | BINDE, Marion                   | 9 Sep<br>9:00 - 13:00   |
| 511     | A Crossroads between the Continents – Interdisciplinary Approaches to Interconnectedness in the Ancient Mediterranean                               | Mitnik, Alissa                  | 10 Sep<br>11:00 - 18:30 |
| 513     | Producing Power: Exploring the Relationship between Production and Socio-Economic Change in the Mediterranean from the Chalcolithic to the Iron Age | Valenzuela-Lamas, Silvia        | 7 Sep<br>9:00 - 16:00   |
| 514     | Small but Significant: Exploring Neo-Eneolithic Miniature Representations as Material Objects   | Shatilo, Liudmyla               | 8 Sep<br>9:00 - 16:30   |
| 515     | New Realities? A Critical Approach to Recreating Objects for Examining and Presenting the Past  | Miller Bonney, Emily            | 10 Sep<br>14:30 - 16:30 |
| 516     | From Critique to Synthesis: Transcending the Genomic Divide within Archaeology  | Makarewicz, Cheryl              | 10 Sep<br>9:00 - 15:30  |
| 517     | Consider the Collections: Rethinking Approaches to Colonial Museums for the 21st Century  | Boza Cuadros, Maria<br>Fernanda | 10 Sep<br>14:30 - 17:30 |
| 518     | Worth the Effort: Evidence of Prehistoric Cross-Craft Interactions  | Dzhanfezova, Tanya              | 8 Sep<br>9:00 - 15:30   |
| 520     | Integrating all Dimensions: 3D-Applications from Excavation to Research to Dissemination  | Hostettler, Marco               | 7 Sep<br>14:30 - 18:30  |
| 521     | Shaping a Discipline: Knowledge Transmission and Exchange in the History of Archaeology. Part 1   | Coltofean-Arizancu, Laura       | 8 Sep<br>9:00 - 16:30   |
| 522     | Shaping a Discipline: Knowledge Transmission and Exchange in the History of Archaeology. Part 2   | Coltofean-Arizancu, Laura       | 9 Sep<br>14:30 - 18:00  |

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| 523     | Settlements out of Nowhere – Theory and Practise of Detecting Settlements by Means of Combined Aerial Archaeology, Geophysics, Predictive Modelling | Segschneider, Martin      | 11 Sep<br>9:00 - 12:30  |
| 524     | Medieval Glocalisation: Local Manifestations of Global Connections  | Cartwright, Rachel        | 11 Sep<br>14:30 - 18:00 |
| 525     | Of the Water: Fish and Molluscs in the Ancient Eastern Mediterranean  | Tsouparopoulou, Christina | 9 Sep<br>9:00 - 16:00   |
| 528     | Shifting the Focus: Mountains as Central Places in (Pre-) History   | Brisset, Elodie           | 11 Sep<br>14:30 - 18:30 |
| 529     | Adding Flesh to the Bones: The Integration of Biochemical and Biomolecular Techniques in the Study of Human-Animal Relationships                    | Brusgaard, Nathalie       | 10 Sep<br>14:30 - 18:30 |
| 530     | Breaking Points. Medieval and Modern Societies in Transition through Material Culture   | García-Porras, Alberto    | 9 Sep<br>9:00 - 12:30   |
| 533     | Bioarchaeological Approaches towards Understanding the Impact of Different Forms of Crises on Human Lifeways  | Michael, Dimitra          | 11 Sep<br>11:00 - 18:00 |
| 537     | Human-Environment Interaction in Northern Eurasia from Micro- to Macro-Regional Level   | Vyazov, Leonid            | 11 Sep<br>11:00 - 18:30 |
| 541     | Pastoralism of the Past: Insights into Social, Cultural and Environmental (In)stability   | Alaica, Aleksa            | 9 Sep<br>14:30 - 17:30  |
| 542     | Europe’s Medieval Pasts: A Manifesto  | Driscoll, Stephen         | 10 Sep<br>16:30 - 18:30 |
| 543     | Material Minds: Exploring the Interactions between Cultural Artefacts, Material Culture and Embodied Mind   | Criado-Boado, Felipe      | 7 Sep<br>11:00 - 13:00  |
| 544     | Archaeology Tourism and Sustainability  | Czonstke, Karolina        | 11 Sep<br>14:30 - 18:00 |
| 545     | Southeastern Europe in 5th and 4th Century BC - Indigenous Communities in Classical World   | Potrebica, Hrvoje         | 10 Sep<br>9:00 - 12:00  |
| 546     | Idiosyncratic Burials: Interpreting the Politics of Death and Dead Bodies   | Szeverenyi, Vajk          | 9 Sep<br>14:30 - 18:30  |
| 547     | Down by the River - Evidence of Material Culture for Prehistoric Waterborne Communication along European Rivers, Lakes and Coastal Waters           | Luebke, Harald            | 10 Sep<br>9:00 - 12:30  |
| 548     | Tracing the Past, Charting the Future: Exploring Archaeological Research Collaboration between the Americas and Europe                              | Saintenoy, Thibault       | 10 Sep<br>16:30 - 18:30 |
| 549     | Ancient Pastoralist Adaptations in the Eurasian Steppe: The Intersection of Biomolecular and Landscape Archaeology                                  | Wright, Joshua            | 7 Sep<br>9:00 - 13:00   |
| 681     | Mediterranean Archaeology: from Interconnected Patchworks to Overarching Inter- and Transdisciplinary Frameworks                                    | Peters, Manuel J.H.       | 10 Sep<br>9:00 - 13:00  |
| 683     | Contested Colonial Collecting: Revitalization, Repatriation and Reburial  | Ojala, Carl-Gösta         | 8 Sep<br>14:30 - 16:30  |
| 684     | Imaginations and Imaginaries of the Palaeolithic and Mesolithic – Distorted Views, Embellishment, and What We Make of It [PaM]                      | Grimm, Sonja              | 9 Sep<br>9:00 - 11:00   |



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| <b>685</b>     | Between East and West. Material Studies of Social Interactions in 3rd Millennium BC on the Northern European Plains | Klecha, Aleksandra            | 11 Sep<br>9:00 - 11:00 |
| <b>687</b>     | Medieval Stone Monuments: The Materiality of Remembrance  | Caval, Saša                   | 7 Sep<br>9:00 - 13:00  |
| <b>688</b>     | Society Facing Changes. Regions on the Southwest Baltic between 2500 - 1500 BC                                      | Czebreszuk, Janusz            | 10 Sep<br>9:00 - 13:00 |
| <b>690</b>     | General session: New Methods and results  |                               | 7 Sep<br>9:00 - 17:30  |
| <b>691</b>     | General Session: Burials, Rituals and Memories  |                               | 8 Sep<br>9:00 - 16:30  |
| <b>692</b>     | General Session: Environmental Impacts on History   |                               | 9 Sep<br>16:30 - 18:30 |
| <b>693</b>     | General Session: Archaeology and the Public   |                               | 9 Sep<br>11:00 - 13:00 |