

10 UNITED EUROPE OF THINGS 3: UNDERSTANDING TRANSITION - INTEGRATION - [RE] INTEGRATION THROUGH MEDIEVAL MATERIAL CULTURE

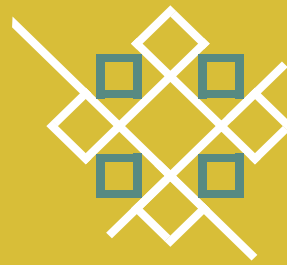
Time: Thursday 1 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague) - Lewis, Michael (Portable Antiquities Scheme; British Museum) - Vargha, Mária (Department of Archaeology, Charles University Prague)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 LETTERING ON MEDIEVAL AMPULLAE: EXPLORING ENGLISH AND WELSH FINDS WITHIN A EUROPEAN CONTEXT**
Lewis, Michael (British Museum; Portable Antiquities Scheme)
- 14:30 THE MEANING, USE AND REUSE OF PILGRIMBADGES - METALDETECTING AND ARCHAEOLOGICAL FINDS AS SOURCE TO MEDIEVAL RELIGIOUS PRACTICE IN DENMARK**
Søvsø, Mette (Museum of Southwest Jutland)
- 14:45 SEXUAL BADGES AND ITS UNIQUE VISUAL CULTURE: THE PERSPECTIVE OF THE LATE MEDIEVAL LOW COUNTRIES ON SEXUALITY**
Fenucci, Lisa (Group van Vooren - Department Archaeology)
- 15:00 BLUE AND WHITE GLASS VESSELS AND EQUIVALENTS IN EUROPE IN THE 10TH-12TH CENTURY CE**
Pactat, Inès - Gratuze, Bernard (Centre Ernest Babelon - IRAMAT - UMR 7065)
- 15:15 TOOLS OF A MEDIEVAL RURAL METALWORKER**
Vargha, Maria (Charles University Prague)
- 15:30 WHY THE BELLS RING FROM WEST TO EAST? A WESTERN TECHNOLOGICAL PATTERN OF BELL CASTING IN MEDIEVAL TRANSYLVANIA**
Cringaci Tiplic, Maria Emilia (Institute of Social Sciences and Humanities Sibiu, Romanian Academy)
- 15:45 DISCUSSION SLOT**
- 16:30 DRESS ACCESSORIES AS GRAVE-GOODS: THE CASE OF THE CHURCHYARD CEMETERIES OF SIBIU AND BAIA MARE**
Szocs, Peter Levente (County Museum Satu Mare, Romania) - Marcu-Istrate, Daniela (Vasile Pârvan Institute of Archaeology, Bucharest)
- 16:45 WERE THERE BORN A "NEW" TRADITION? EARLY MODERN SEGMENTED BELTS FROM CENTRAL EUROPE**
Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague)
- 17:00 DISCUSSION SLOT**
- 17:15 LOCAL COOKS MEET FOREIGN GOODS: IMPORTED POTTERY AND LOCAL SOAPSTONE AT A PROTO-URBAN SITE ON THE EUROPEAN PERIPHERY**
Blobel, Mathias (University Museum Bergen)
- 17:30 FASHION ON THE TABLE – TABLEWARE OF WESTERN ORIGIN AND THEIR INFLUENCE IN LATE MEDIEVAL TRANSDANUBIA (HUNGARY)**
Kovács, Bianka (Institute of Archaeology, Research Center for the Humanities)
- 17:45 DISCUSSION SLOT**



12 SEEING THE 'ART' IN ARTIFACTS: THE INTER-CONNECTIONS OF ARCHAEOLOGY AND THE ARTS

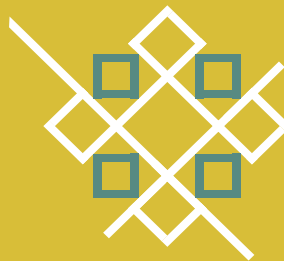
Time: Thursday 1 Sept, 11:00 - 18:30

Format: Regular session

Organisers: Jameson, John H (ICOMOS ICIP; ICOMOS ICAHM) - Tint, Küllike (Tallinn City Museum)

PAPERS

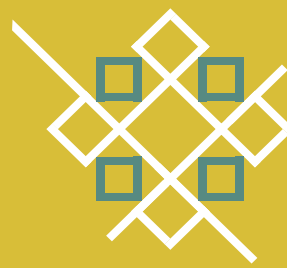
- 11:00 BEYOND ANCIENT MUSES: CAPTURING THE INTERPLAY BETWEEN ARCHAEOLOGY AND THE ARTS**
Jameson, John H (ICOMOS)
- 11:15 EXCAVATION PRAXIS IN AN ART/ARCHAEOLOGY TOPOS**
Ifantidis, Fotis (University of the Aegean, Department of Cultural Technology & Communication)
- 11:30 ARCHAEOLOGY ON THE STREET**
Ernyey, Katalin (Government Office of the Capital City Budapest, Heritage Department)
- 11:45 VISUALISING THE DEVELOPMENT OF A DISCIPLINE: THE ATLAS OF ARCHAEOLOGY – CHARTING THE HISTORICAL TRANSFORMATIONS OF A DISCIPLINE**
Sinclair, Anthony (University of Liverpool)
- 12:00 INTERDISCIPLINARY RESEARCH ON THE BODY DECORATION OF A MUMMY FROM PACACHAMAC (PERU)**
Bak, Judyta (Jagiellonian Univeristy) - Gerst, Robin (Goethe-Universität Frankfurt)
- 12:15 JUXTAPOSED: COLLABORATIONS WITH ART AND ARCHAEOLOGY**
Nimura, Courtney - Creswell, Miranda (University of Oxford)
- 12:30 EDUCATION FOR ARCHEOLOGY AND THE ARTS IN THE ROMAN RUINS OF MILREU, ALGARVE, PORTUGAL**
Tété Garcia, Cristina (DRCA; CEAACP/UALG)
- 12:45 DISCUSSION SLOT**
- 14:00 PUBLIC ARCHAEOLOGY AND DANCE - A CASE OF TALLINN CITY MUSEUM**
Tint, Küllike (Tallinn City Museum) - Tuominen, Suvi (University of Arts Helsinki)
- 14:15 NEW TECHNOLOGIES ANT THE INTER-CONNECTIONS BETWEEN MAYA ARCHAEOLOGY AND THE ARTS**
Munoz Cosme, Gaspar (Universitat Politècnica de València) - Vidal Lorenzo, Cristina - Aliperta, Andrea (Universitat de València)
- 14:30 ARCHAEOPOETICS: A CONTEMPORARY ART INSTALLATION PRESENTED IN AN ARCHEOLOGY MUSEUM**
Saillant, Francine (Université Laval) - Courier, Camille (UQAM)
- 14:45 ANCIENT AESTHETICS, PERCEPTION, AND CREATION OF BEAUTY. PALEOLITHIC AND MODERN ARTISTS' MINDS CONVERGE IN THE PROJECT "MATTER, GESTURE, SOUL"**
Lindstrom, Torill Christine (University of Bergen, Norway; SapienCE, Univ. of Bergen)
- 15:00 POSSIBILITIES OF INTERPRETATION OF THE NON-ATTRIBUTED ARTIFACTS**
Chikunova, Irina (-)
- 15:15 KHANQAH ARCHAEOLOGY**
Khalilli, Fariz (Azerbaijan State Culture and Art University)
- 15:30 ARCHAEOLOGY AND THE ARTS: THE ANCIENT OLYMPIC GAMES AS A SOURCE OF ARTISTIC INSPIRATION**
Pateraki, Kleanthi (Freelance)
- 15:45 DISCUSSION SLOT**
- 16:30 IMAGINE TO KNOW MORE – ART AS CREATIVE WAY TO REAWAKEN EGYPTOLOGICAL AND ARCHAEOLOGICAL COLLECTIONS**
Zinn, Katharina (University of Wales Trinity Saint David)



- 16:45** **THE EYE OF THE BEHOLDER: ART APPRAISAL AS AN OBSTACLE TO ARCHAEOLOGICAL CONTEXT, THE CASE OF EARLY CYCLADIC ANTHROPOMORPHIC SCULPTURE**
Hadjji, Athena (DIKEMES - College Year in Athens; American University of Rome)
- 17:00** **THORVALDSEN'S MUSES: THE REBIRTH OF THE ANCIENT FRESCO FROM VILLA ARIANNA IN STABIAE IN BERTEL THORVALDSEN'S WORK**
Petreková, Eliška (Masaryk University)
- 17:15** **ART AND ARCHAEOLOGY AT THE TRAIN STATION**
Host-Madsen, Lene (Museum Skanderborg) - Dissing, Nina (Skanderborg Municipality)
- 17:30** **STAFFS WITH ELK HEADS – BETWEEN ARCHAEOLOGY AND ART**
Iršenas, Marius - Butrimas, Adomas (Vilnius Academy of Arts)
- 17:45** **SIGNS AND MONUMENTS**
Gheorghiu, Dragos (National University of Arts - Bucharest; ITM Macao)
- 18:00** **ART, FOLK ART AND CRAFT: ARCHAEOLOGICAL PERSPECTIVES ON HISTORIC AND CONTEMPORARY MEMORIAL PRODUCTION**
Mytum, Harold (University of Liverpool)
- 18:15** **DISCUSSION SLOT**

POSTERS

- A.** **FROM ASSYROPHOBIA TO ASSYROMANIA: THE ENTANGLEMENTS OF ART AND ARCHAEOLOGY IN THE DRAWINGS OF ENRIC MONSERDÀ (1850-1926)**
Garcia-Ventura, Agnes - Vidal, Jordi (Universitat Autònoma de Barcelona)



32 SKYSCAPE, LANDSCAPE AND ARCHAEOLOGY. STUDY OF ANCIENT BUILDINGS FROM DIFFERENT PERSPECTIVES AND DISCIPLINES TO GIVE THEM A CULTURAL MEANING [SEAC-EAA]

Time: Thursday 1 Sept, 8:30 - 13:00

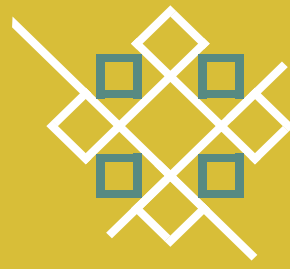
Format: Regular session

Organisers: Balbi, Jose (Colchester Archaeological Group) - Iwaniszewski, Stanislaw (State Museum of Archaeology, Warsaw) - Martz de la Vega, Hans (Escuela Nacional de Antropología e Historia)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 FORDHAM HALL ROMAN VILLA SITE. THE 3RD CENTURY BUILDING PHASE OF A ROMAN VILLA RUSTICA AND SOME ROMAN ASTRONOMY ELEMENTS**
Balbi, Jose (Colchester Archaeological Group)
- 9:00 TIKAL AS A MESHWORKSCAPE. THE ORIENTATIONS OF ITS ARCHITECTURE.**
Martz de la Vega, Hans (National School of Anthropology and History) - Pérez Negrete, Miguel (Instituto Nacional de Antropología e Historia, México)
- 9:15 THE MEANING OF THE SOUTHWEST ALIGNMENTS OF FBC UNCHAMBERED LONG BARROWS AT SARNOWO, KUYAVIA, POLAND**
Iwaniszewski, Stanislaw (Posgrado en Arqueología Escuela Nacional de Antropología e Historia - Instituto)
- 9:30 SYMBOLS, MEANING, AND SKYSCAPE IN GOLD AND STONE IN BRONZE AGE NORWEST IBERIA**
González-García, Antonio César - Cabrejas, Elena (Institute of Heritage Sciences, Incipit-CSIC) - Comendador, Beatriz (University of Vigo)
- 9:45 CONVERGING CONCEPTUALISATIONS OF TIME IN HISTORY AND ANTHROPOLOGY AND IMPLICATIONS FOR SKYSCAPE ARCHAEOLOGY**
Silva, Fabio (Bournemouth University)
- 10:00 THE ORIENTATION OF MINOAN PALACES AND PEAK SANCTUARIES TOWARD NAVIGATIONAL STARS**
Berio, Alessandro (Cultural Astronomy, University of Wales Trinity St. David)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOASTRONOMY AND CONFLICT: ON THE ORIENTATION OF PRE-ISLAMIC TOMBS IN THE WESTERN SAHARA**
Rodríguez-Antón, Andrea (Incipit - Institute of Heritage Sciences) - Urrutia-Aparicio, Maitane (Instituto de Astrofísica de Canarias) - Perera Betancor, María Antonia (Dirección General de Patrimonio Cultural. Gobierno de Canarias)
- 11:15 INTERRUPTED DITCHES FROM PIT-GRAVE BARROWS OF CENTRAL UKRAINE AS CALENDAR & RITUAL OBJECTS**
Syvolap, Mykhaylo (Cherkasy City Archaeological Museum)
- 11:30 THE MYSTERY OF 'DESERT KITES': PAST RESEARCH AND NEW PERSPECTIVES**
Shakhmuradyan, Mariam (Institute of Archaeology and Ethnography of Armenia; University of Cambridge)
- 11:45 THE PRE-HISPANIC BALLCOURT COURTS IN THE STATE OF GUERRERO, MEXICO, AS RITUAL SCENARIOS FOR REQUESTING RAIN: THE CASE OF TEHUACALCO**
Martz de la Vega, Hans (National School of Anthropology and History) - Pérez Negrete, Miguel (Instituto Nacional de Antropología e Historia, México)
- 12:00 DISCUSSION SLOT**
- 12:15 ARCHAEOLOGICAL MONUMENTS OF KAZAKHSTAN AS OBJECTS OF SACRED GEOGRAPHY**
Zhuniskhanov, Aidyn (Department of Archaeology, L.N. Gumilyov ENU) - Raissova, Aikumis (Department of Anthropology, Durham University)
- 12:30 NEOLITHIC MEGAXYLON-TYPE TOMBS IN THE CONTEXT OF LIGHT, LANDSCAPE, AND FASCINATION WITH BRILLIANCE**
Gralak, Tomasz (University of Wrocław)
- 12:45 DISCUSSION SLOT**

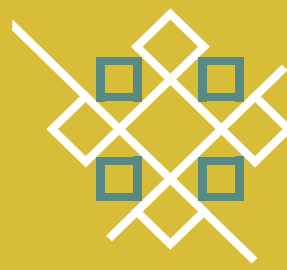
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POSTERS

- A. THE INTERACTION BETWEEN NEOLITHIC MAN AND THE SKY**
de Oliveira Teixeira, Luisa (Universidade Autónoma de Lisboa)



39 PRESENTISM AND THE ARCHAEOLOGIES OF THE PRESENT: ENGAGED PRACTICES AND METHODOLOGIES

Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Pastor Pérez, Ana (University of Barcelona; Complutense University of Madrid) - Ayán, Xurxo (Universidade Nova de Lisboa) - Hattori, Marcia - Millán Pascual, Rafael (Incipit-CSIC. Institute of Heritage Sciences)

PAPERS

8:30 INTRODUCTION

8:45 THE SUPERMODERN CITY: ARCHAEOLOGY AND ARCHITECTURE IN THE TIME OF PRESENTISM

Incio-del-Río, Cristina (Incipit-CSIC) - Falquina-Aparicio, Álvaro (Independent researcher)

9:00 CONTESTING LANDSCAPES: A STUDY ON THE SETTING OF A CONTRACT ARCHAEOLOGICAL EXCAVATION IN A STOCKHOLM SUBURB

Nelson, Matthew (Linnaeus University)

9:15 CONFLICTS, ARCHAEOLOGICAL HERITAGE MANAGEMENT AND URBAN CHANGE

Corpas, Nekbet (Independent researcher)

9:30 THE URBAN HERITAGE IN THE CASE OF THE "HOUSES FOR 1 EURO" PROJECT OF THE MUNICIPALITY OF TARANTO (ITALY)

Frascella, Selene (University of Barcelona)

9:45 DEVELOPMENT-LED ARCHAEOLOGY AS ARCHAEOLOGY OF THE PRESENT

Beck, Anna (Museum Southeast Denmark)

10:00 A BAUHAUS WASTE DEPOSIT – 20TH CENTURY WORKING-CLASS CONSUMPTION AND SYSTEM CHANGE THROUGH THE MAGNIFYING GLASS

Rösch, Felix (University of Göttingen, Seminar für UFG)

10:15 DISCUSSION SLOT

11:00 SCARS OF THE FILM INDUSTRY IN MADRID. THE GOLDEN CITY MOVIE SET.

Martin, Jesus (Universiteit van Amsterdam)

11:15 ON THE ANACHRONISM OF THINGS: ARCHAEOLOGY AND THE NON-CONTEMPORANEITY OF THE PRESENT (THREE CASES FROM RURAL SPAIN)

Millán-Pascual, Rafael (CSIC - Spanish National Research Council, Institute of Heritage Sciences)

11:30 MAGNETS ON MY FRIDGE: CONSTRUCTING SELF-IDENTITY AND SOCIAL NETWORKS THROUGH MOBILITY NARRATIVES IN DOMESTIC SPACES

Albero Santacreu, Daniel (Universitat de les Illes Balears)

11:45 DISCUSSION SLOT

12:00 CYCLICAL RUINS: A VIDEOPOEM ON 'SUN AND SAND' TOURISM SPACES IN THE LOW SEASON

Arboleda, Pablo (Incipit - Institute of Heritage Sciences)

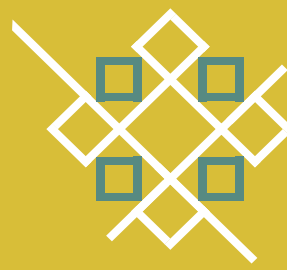
12:15 THE CARDBOARD HOSPITAL OF CAPDELLA: INTERDISCIPLINARY CHALLENGES FOR THE ARCHEOLOGY OF THE PRESENT

Pastor Pérez, Ana (Institute of Archaeology of the University of Barcelona - IAUB; Norwegian Institute for Cultural Heritage Research - NIKU; Research Group of Cultural Heritage Management. Complutense University of Madrid - UCM) - Remacha Acebrón, Sígrid (University of Barcelona, Culture and Society Program - UB; National Museum of Science and Technology of Catalonia - MNACTEC)

12:30 AGAINST THE NORMALITY OF EVERYDAY STATE VIOLENCE: A HISTORICAL ANALYSIS FROM THE BRAZILIAN CONTEXT

Hattori, Márcia (Institute of Heritage Sciences - Incipit)

12:45 DISCUSSION SLOT



51 CONQUEST, MIGRATION AND CULTURAL CHANGE IN THE MEDIEVAL MEDITERRANEAN

Time: Thursday 1 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Pluskowski, Aleks (University of Reading) - García-Contreras, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Banerjea, Rowena (University of Reading) - Mattei, Luca (University of Granada)

PAPERS

8:30 INTRODUCTION

8:45 DYNAMICS OF MEDIEVAL SETTLEMENT IN CENTRAL IBERIA: DISCUSSIONS BETWEEN MIGRATIONS, CULTURAL CHANGE AND ECOLOGY

García-Contreras Ruiz, Guillermo - Mattei, Luca (Universidad de Granada) - Banerjea, Rowena Y. (University of Reading) - García-García, Marcos (Universidad de Alicante) - Hernández-Casas, Yaiza (Universidad de Granada) - Ros, Jerome (Institut des sciences de l'évolution de Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks G. (University of Reading)

9:00 CONNECTING SITE TO LANDSCAPE: EXPLORING MIDDLE MARCH BORDER CASTLES TO UNDERSTAND THE DYNAMICS OF CULTURAL AND ECOLOGICAL CHANGES

Mattei, Luca - García-Contreras Ruiz, Guillermo (University of Granada) - García-García, Marcos (University of Alicante) - Banerjea, Rowena (University of Reading) - Hernández-Casas, Yaiza (University of Granada) - Ros, Jerome (CNRS, Université de Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)

9:15 GEOARCHAEOLOGICAL APPROACHES TO UNDERSTANDING THE DYNAMICS OF 'CASTLESCAPES' IN THE IBERIAN PENINSULA

Banerjea, Rowena (University of Reading) - García-García, Marcos (University of York; University of Alicante) - Ros, Jérôme (CNRS, University of Montpellier) - Mattei, Luca - Hernández Casas, Yaiza - García-Contreras Ruiz, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)

9:30 ANIMALISING CULTURAL BOUNDARIES: IDENTITY, FOODWAYS AND SUBSISTENCE IN MEDIEVAL IBERIA

García, Marcos (University of Alicante; University of York) - García-Contreras Ruiz, Guillermo - Mattei, Luca - Hernández Casas, Yaiza (University of Granada) - Banerjea, Rowena Y. (University of Reading) - Ros, Jérôme (CNRS, University of Montpellier) - Alexander, Michelle (University of York) - Pluskowski, Aleks (University of Reading)

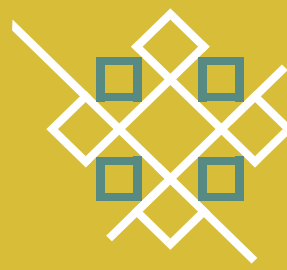
9:45 LIFE ON THE FRONTIER: EXPLORING ECONOMY AND SUBSISTENCE IN TRANSITIONAL MULTI-FAITH SOCIETIES OF MEDIEVAL SPAIN

Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - García-Collado, Maite (BioArCh, Department of Archaeology, University of York; GIPYPAC, Department of Geography, Prehistory and Archaeology, University of the Basque Country - UPV/EHU) - García-García, Marcos (BioArCh, Department of Archaeology, University of York; Instituto de investigación en Arqueología y Patrimonio Histórico, University of Alicante) - Ros, Jérôme (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Mattei, Luca (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Banerjea, Rowena (Department of Archaeology, University of Reading) - García-Contreras Ruiz, Guillermo (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Pluskowski, Aleks (Department of Archaeology, University of Reading)

10:00 EXPLORING PLANT RESOURCES AND VEGETAL LANDSCAPES EXPLOITED IN THE FRONTIERS OF MEDIEVAL IBERIA: ARCHAEOBOTANICAL CONTRIBUTION

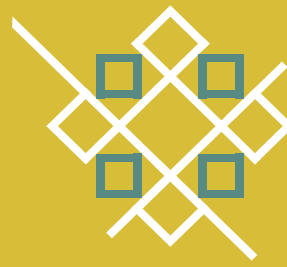
Ros, Jerome (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Losilla, Nicolas (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Pastor, Thierry (Institut des Sciences de l'Evolution, CNRS, Université de Montpellier) - Mattei, Luca - García-Contreras Ruiz, Guillermo (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - García-García, Marcos (Instituto de investigación en Arqueología y Patrimonio Histórico, University of Alicante) - Banerjea, Rowena (Department of Archaeology, University of Reading) - Hernández-Casas, Yaiza (Department of Medieval History and Historiographic Sciences and Techniques, University of Granada) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Pluskowski, Aleks (Department of Archaeology, University of Reading)

10:15 DISCUSSION SLOT



- 11:00** **ARCHAEOLOGICAL METALLURGY ON THE MEDIEVAL IBERIAN FRONTIER: THE USE AND EXPLOITATION OF METAL IN A FEUDAL CONTEXT**
Hernández-Casas, Yaiza - García-Contreras Ruiz, Guillermo - Murillo-Barroso, Mercedes (University of Granada) - García-García, Marcos (University of Alicante) - Banerjea, Rowena Y. (University of Reading) - Ros, Jérôme (CNRS, Université de Montpellier) - Mattei, Luca (University of Granada) - Brown, Alex D. (Wessex Archaeology) - Alexander, Michelle (University of York) - Pluskowski, Aleks G. (University of Reading)
- 11:15** **SOCIAL, CULTURAL AND TERRITORIAL CHANGES IN THE EASTERN PYRENEES BETWEEN 9TH-14TH C. CE : WHAT ROLE FOR CLIMATE CHANGE ?**
Carozza, Jean-Michel (La Rochelle University) - Puig, Carole (FRAMESPA, UMR 5136, Toulouse)
- 11:30** **THROUGH THE GLASS. CONQUEST, MIGRATION AND CULTURAL CHANGE IN MEDIEVAL SPAIN AND PORTUGAL**
De Juan, Jorge (UNIARQ, Centre of Archaeology of the University of Lisbon; Department of Prehistory, Ancient History and Archaeology, Universidad Complutense de Madrid)
- 11:45** **WHAT ABOUT THE FOOD? MIGRATION AND AGRICULTURE IN AL-ANDALUS HISTORICAL TRADITIONS**
Grisales, Daniel (Universidad de Antioquia)
- 12:00** **LIFEWAYS AND MOBILITY OF THE CHRISTIAN CONQUERORS OF PALMELA: A 12TH-13TH CENTURY POPULATION IN PORTUGAL**
MacRoberts, Rebecca (HERCULES laboratory- University of Evora) - Santos, Michele (Museu Municipal de Palmela) - Fernandes, Isabel (Museu Municipal de Palmela; IEM-NOVA FCSH; School of Social Sciences- CIDEHUS, University of Évora) - Dias, Cristina (HERCULES laboratory- University of Evora; School of Technology Sciences, Department of Chemistry, University of Évora) - Vilar, Herminia (School of Social Sciences- CIDEHUS, University of Évora) - Maurer, Anne-France (HERCULES laboratory- University of Evora)
- 12:15** **AFTER THE CONQUEST. THE BUILDING OF CASTLE NETWORK AND LANDSCAPE IN THE ALPUJARRA (SOUTHEAST SPAIN)**
Rouco Collazo, Jorge (Universidad de Granada)
- 12:30** **ARCHAEOLOGY OF CHANGE AND CONTINUITY: TRANSFORMATIONS IN PRODUCTIVE SPACES IN THE SOUTH-EAST PENINSULAR AFTER THE FEUDAL CONQUEST (13TH CENTURY)**
Molina-Campuzano, María Isabel - Eiroa-Rodríguez, Jorge Alejandro (University of Murcia) - González-Ballesteros, José Ángel (Archaeologist)
- 12:45** **DISCUSSION SLOT**
- 14:00** **ENCOUNTER, SUBSTITUTION, REPLACEMENT, AND TRANSFORMATION AT THE SITE OF TORRE D'EN GALMÉS, MENORCA, SPAIN**
Perez-Juez, Amalia (Boston University) - Smith, Alexander (SUNY Brockport) - Goldberg, Paul (Boston University; INA, University of Tübingen) - Forste, Kathleen (Boston University) - Wagner, Emma (North Carolina State University)
- 14:15** **CULTURAL CHANGES IN CENTRAL SICILY IN THE MEDIEVAL AGE**
Patti, Daniela (University of Enna)
- 14:30** **FROM ISLAMIC SETTLEMENT TO NORMAN HOSPITAL: ARCHAEOLOGICAL RESEARCH IN SAN GIOVANNI DEI LEBBROSI (PALERMO, SICILY, ITALY)**
Castrorao Barba, Angelo (The Polish Academy of Sciences, Institute of Archaeology and Ethnology, Centre for Late Antique and Early Medieval Studies) - Utrero Agudo, María de los Ángeles (CSIC, Española de Historia y Arqueología en Roma) - Battaglia, Giuseppina (Soprintendenza BB.CC.AA. of Palermo) - Mandalà, Giuseppe (University of Milan) - Murillo Fragero, Jose Ignacio (Urbe pro Orbe) - Aleo Nero, Carla (Soprintendenza BB.CC.AA. of Palermo) - Miccichè, Roberto - Canale, Alessandra (University of Palermo)
- 14:45** **STĚĆCI AND CULTURAL CHANGES IN THE LATE MEDIEVAL WESTERN BALKANS**
Caval, Saša (Scientific-research center of the SAZU)
- 15:00** **THE LORDSHIP OF TRANSJORDAN: A FRONTIER OF THE CRUSADER LEVANT?**
Sinibaldi, Micaela (Cardiff University)
- 15:15** **ENVIRONMENTAL ARCHAEOLOGIES OF CULTURAL CHANGE IN THE MEDIEVAL MEDITERRANEAN**
Pluskowski, Aleks (University of Reading) - García-Contreras Ruiz, Guillermo (University of Granada) - Alexander, Michelle (University of York) - Banerjea, Rowena (University of Reading) - Mattei, Luca (University of Granada) - García García, Marcos (University of Alicante) - Ros, Jérôme (CNRS) - Hernández-Casas, Yaiza (University of Granada)
- 15:30** **DISCUSSION SLOT**

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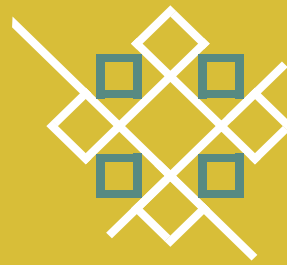


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POSTERS

A. **INTERDISCIPLINARY APPROACHES ON THE RURAL SETTLEMENT OF CONTRADA CASTRO (CORLEONE, SICILY, ITALY) DURING THE EARLY MIDDLE AGES**

Castrorao Barba, Angelo (The Polish Academy of Sciences, Institute of Archaeology and Ethnology, Centre for Late Antique and Early Medieval Studies) - Miccichè, Roberto (University of Palermo) - Pisciotta, Filippo (Aix-Marseille Université / University of Palermo) - Aleo Nero, Carla (Soprintendenza BB.CC.AA. of Palermo) - Speciale, Claudia (University of Gothenburg) - Montana, Giuseppe - Gasparo Morticelli, Maurizio (University of Palermo) - Marino, Pasquale (Bona Furtuna LLC) - Bazan, Giuseppe (University of Palermo)



85 UNDERSTANDING NEANDERTHAL SYMBOLIC AND CULTURAL BEHAVIOUR AND THEIR COGNITIVE UNDERPINNINGS. WHERE DO WE STAND? [PAM]

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Round table

Organisers: Leder, Dirk (Niedersächsisches Landesamt für Denkmalpflege) - Majkić, Ana (Department of Archaeology, University of Belgrade)

In the last decade evidence of sophisticated symbolic and cultural behaviour among Neanderthals has accumulated substantially across Eurasia. This is exemplified by Neanderthal's usage of birds of prey feathers, talons, and phalanges at a number of European Mediterranean sites, by engraved rocks, lithics, and bone objects from a variety of places, the usage of spaces deep inside caves and colorants, by human burials, and potentially by cave paintings in Iberia, among further examples.

The very notion of sophisticated symbolic and cultural behaviour in Neanderthals pivotally bears implications in regard to human evolution and the cognitive abilities of one of our genetically closest relatives. Is *Homo sapiens* as special as we like to believe, or have there been other human species that – under yet unknown circumstances – disappeared in the past, but had strikingly similar abilities? What are the cognitive underpinnings of these recent discoveries and recognitions? Do we need more research on human cognitive evolution, neurosciences and past brain development connected to these particular questions?

The archaeological discoveries of objects with symbolically mediated behaviour lay the foundations for new possibilities to reconsider the very nature of Neanderthals – first regarded as primitives, later seen as capable of adapting to a variety of environments and climate changes, and now possibly as self-aware human beings that were able to communicate in abstract ways, displayed care for their deceased, and commanded imaginative means similar to us. Were these complex behaviours independent 'inventions' or the result of acculturation? Do we suffer from a historical legacy of seeing Neanderthals as 'the others'?

Where do we stand today, and which direction does future research need to take in order to investigate such complex issues that ultimately aim to address one of the most essential questions humankind might have – what makes us human?



86 PREHISTORIC WARRIORHOOD IN TRANSITION

Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Dolfini, Andrea (Newcastle University) - Frieman, Catherine (Australian National University) - Harrison, Eleanor (Newcastle University) - Molloy, Barry (University College Dublin)

PAPERS

8:30 INTRODUCTION

8:45 FROM HUNTERS TO WARRIORS? QUESTIONING IMPLICIT MASCULINITIES FROM GRAVE GOODS FROM THE 6TH AND 5TH MILLENNIUM CAL BC, CENTRAL EUROPE

Bickle, Penny (University of York)

9:00 LATE NEOLITHIC WARRIOR SYMBOLISM IN CENTRAL EUROPE

Schultrich, Sebastian (Institut fuer Ur- und Fruehgeschichte Kiel)

9:15 NEOLITHIC WARRIORHOOD?: INTERPRETING LATER NEOLITHIC INDIVIDUAL BURIAL IN BRITAIN AND IRELAND

Harrison, Eleanor (Newcastle University)

9:30 RETHINKING WARRIOR GRAVES: NEW PERSPECTIVES FROM COPPER AGE ITALY

Dolfini, Andrea (Newcastle University)

9:45 SODALITIES, SEXUALITIES, OR PERHAPS BOTH? RETHINKING LATE PREHISTORIC SAME-SEX DOUBLE-GRAVES

Walsh, Matthew - Reiter, Samantha (National Museum of Denmark) - Frieman, Catherine (Australian National University) - Kaul, Flemming - Frei, Karin (National Museum of Denmark)

10:00 SHARED WARRIOR PRESTIGE: BEAKER MEN, WOMEN, CHILDREN AND THEIR WEAPONS

Turek, Jan (Center for Theoretical Study, Charles University, Prague)

10:15 DISCUSSION SLOT

11:00 ARGARIC WEAPONS: MARKERS OF VIOLENCE OR MARKERS OF NETWORKS?

Lackinger, Aaron - Ibarz-Navarro, Sergio - Murillo-Barroso, Mercedes (Departamento de Prehistoria y Arqueología- Universidad de Granada) - Montero-Ruiz, Ignacio (Instituto de Historia- CSIC)

11:15 THE THINGS THEY CARRIED

Baca, Martin (Department of Archaeology, Comenius University in Bratislava) - Havlíková, Markéta (Department of Archaeology and Museology, Masaryk University in Brno)

11:30 RE-EXAMINING MOBILITY IN LATER EUROPEAN PREHISTORY: THE ULTIMATE GIFT THEOREM AND GENDERED MOBILITY PATTERNS VIS À VIS NEW MOBILITY DATA

Reiter, Samantha - Frei, Karin (National Museum of Denmark)

11:45 IDEOLOGY AND IDENTITY. DEPICTIONS OF WEAPONRY ON POMERANIAN FACE-URNS

Dziechciarz, Pawel (Uniwersytet Warszawski)

12:00 MILITARY CONFLICTS AT THE END OF 3D AND EARLY 2ND MILLENNIUM BC IN THE EASTERN EUROPEAN STEPPE – FOREST-STEPPE

Zagorodnia, Olga (Independent researcher) - Mimokhod, Roman (-)

12:15 MATERIAL EVIDENCE OF VIOLENT ARMED CONFLICTS IN BRONZE AGE LOWER MUREŞ VALLEY

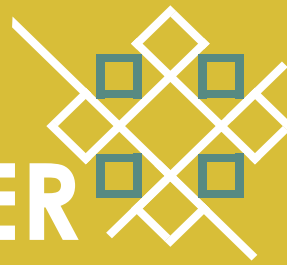
Gogaltan, Florin (Institutul de Arheologie si Istoria Artei Cluj Napoca; Universitatea Babeş-Bolyai Cluj Napoca) - Sava, Victor (Complexul Muzeal Arad)

12:30 DISCUSSION SLOT

14:00 NO COUNTRY FOR ARMED DEAD. MARTIAL PRACTICES AND IDEALS IN ABSENCE OF WARRIOR GRAVES

Gentile, Valerio (Leiden University)

GÓLYAVÁR PÁZMÁNY PÉTER



#s86

14:15 FORTIFICATIONS, SWORDS AND WARRIORS – WEAPON DEPOSITION RITUAL, HOARDS AND WEAPON/METAL TABOO IN GRAVES IN LATE BRONZE AGE EASTERN CROATIA

Kalafatic, Hrvoje (Institute of Archaeology, Zagreb) - Šošić Klindžić, Rajna (University of Zagreb) - Šiljeg, Bartul (Institute of Archaeology, Zagreb)

14:30 BEYOND BURIALS WITH WEAPONS: WHERE IS THE “RICHNESS” GONE?

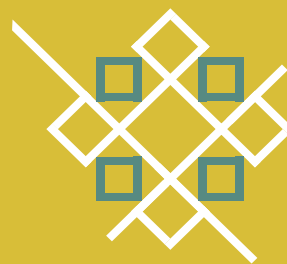
Tarbay, János Gábor (Hungarian National Museum)

14:45 DISCUSSION SLOT

POSTERS

A. AMBER MAN – AN UNPRECEDENTED LATE NEOLITHIC BURIAL AMONG HUNTER-GATHERERS IN NORTH-EASTERN POLAND

Klecha, Aleksandra (Antiquity of Southeastern Europe Research Center, Faculty of Archaeology, University of Warsaw) - Manasterski, Dariusz (Faculty of Archaeology, University of Warsaw) - Borówka, Paulina (Faculty of Biology and Environmental Protection, University of Łódź)



98 HUNTER-GATHERER'S SOCIETIES IN THE SOUTHWESTERN EUROPE BETWEEN 18,500-10,000 CAL. BP [PAM]

Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Vadillo Conesa, Margarita - Real, Cristina (Departament de Prehistòria, Arqueologia i Història Antiga. Universitat de València) - Ricci, Giulia (Laboratoire Méditerranéen de Préhistoire, Europe, Afrique - LAMPEA –UMR 7269 Aix-Marseille Université, CNRS, Ministère de la Culture)

PAPERS

8:30 INTRODUCTION

8:45 THE TAIHA PROJECT "THE LATEGLACIAL IN ATLANTIC ARC: INTERACTIONS BETWEEN HUMAN AND NON-HUMAN COMMUNITIES DURING THE TRANSITION PLEISTOCENE-HOLOCENE"

Mathieu, Langlais (CNRS) - Nicolas, Naudinot (Univ Nice)

9:00 GLOBALISATION OF BACK RETOUCH TECHNIQUES? COMPARING THE LATE EPIGRAVETIAN OF NORTHERN ITALY TO THE LATE GLACIAL SEQUENCE OF SOUTH-WESTERN FRANCE

Fasser, Nicolò (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche; TRACES, UMR 5608, Université Toulouse Jean Jaurès) - Visentin, Davide (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche; Archaeology of Social Dynamics Group, Institución Milá y Fontanals, Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Langlais, Mathieu (PACEA, UMR 5199, Université de Bordeaux) - Valdeyron, Nicolas (TRACES, UMR 5608, Université Toulouse Jean Jaurès) - Fontana, Federica (Università degli Studi di Ferrara, Dipartimento di Studi Umanistici - Sezione di Scienze Preistoriche e Antropologiche)

9:15 THE LIGURO-PROVENÇAL ARC BETWEEN TERMINAL PLEISTOCENE AND EARLY HOLOCENE. INNOVATIONS, PERSISTENT BEHAVIOURS AND TECHNO-ECONOMIC CHANGES AMONG LATE EPIGRAVETIAN-MESOLITHIC GROUPS

Ricci, Giulia (LAMPEA–UMR 7269, Aix-Marseille Université, CNRS) - Negrino, Fabio (Dipartimento di Antichità, Filosofia, Storia - DAFIST, Università di Genova)

9:30 AN INTEGRATED ANALYSIS OF THE LATE UPPER PALAEOLITHIC LAYERS 4009-4011 FROM THE ROMANELLI CAVE (SOUTHERN ITALY)

Sigari, Dario (CNRS - UMR 5608 TRACES, Toulouse; CNR-ISPC - Area della Ricerca di Roma 1, Montelibretti, RM) - Mazzini, Ilaria (CNR-IGAG, Area della Ricerca di Roma 1, Montelibretti, RM) - Bona, Fabio (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano) - Forti, Luca (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano; IGG-CNR) - Lembo, Giuseppe (Associazione Culturale Archeoldea, Campobasso) - Mecozzi, Beniamino (Dipartimento Scienze della Terra, Sapienza Università di Roma; Laboratorio PaleoFactory, Dipartimento Scienze della Terra, Sapienza Università di Roma) - Muffillo, Brunella (Dipartimento di Studi Umanistici, Sezione Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara) - 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) - Sadori, Laura (Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Sardella, Raffaele (Dipartimento Scienze della Terra, Sapienza Università di Roma)

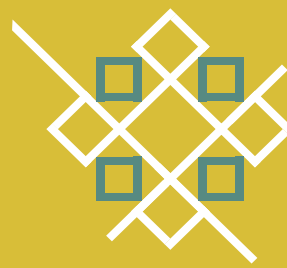
9:45 ENVIRONMENTAL SHIFTS AND TECHNICAL TRADITION CHANGES DURING THE PLEISTOCENE/HOLOCENE TRANSITION IN SOUTHERN ITALY. NEW DATA FROM THE GROTTA DELLA SERRATURA

Poggiali, Federico (University of Liverpool) - Ricci, Giulia (LAMPEA – UMR 7269, Aix-Marseille Université, CNRS)

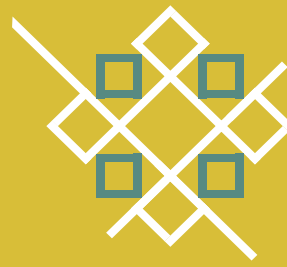
10:00 DISCUSSION SLOT

11:00 THE MAGDALENIAN SETTLEMENT OF PORTUGUESE ESTREMADURA: NEW DATA FROM LAPA DO PICAREIRO

Haws, Jonathan (University of Louisville; ICArEHB, University of Algarve) - Benedetti, Michael (University of North Carolina Wilmington; ICArEHB, University of Algarve) - Bicho, Nuno (ICArEHB, University of Algarve) - Carvalho, Milena (University of New Mexico; ICArEHB, University of Algarve) - Friedl, Lukas (University of West Bohemia; ICArEHB, University of Algarve) - Ellis, M. (Colorado State University; ICArEHB, University of Algarve) - Pereira, Telmo (Universidade Autónoma de Lisboa, Portugal; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Cascalheira, João (ICArEHB, University of Algarve)



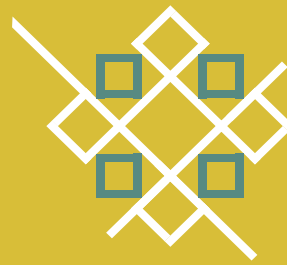
- 11:15 TITO BUSTILLO REVISITED: NEW RESEARCH ABOUT HUNTER-GATHERER'S SOCIETIES IN THE SELLA VALLEY (ASTURIAS, NORTHERN SPAIN) DURING THE MAGDALENIAN**
 Alvarez-Fernández, Esteban (University of Salamanca) - Cueto, Marián (Universitat Autònoma Barcelona) - Tapia, Jesús (Sociedad de Ciencias Aranzadi) - Cerezo-Fernández, Rosana (Universidad de Salamanca) - Wanderley, Rafael (IIIPC-Universidad de Cantabria)
- 11:30 THE ANTLER AS A CORE: NEW PERSPECTIVES ON THE CHAÎNE OPÉRATOIRE OF BONE INDUSTRY**
 Tapia, Jesus (Aranzadi Science Society) - Álvarez-Fernández, Esteban - Cerezo-Fernández, Rosana (University of Salamanca) - Cueto, Marián (Autonomous University of Barcelona)
- 11:45 REACHING HIGH: A MOUNTAIN HUNTING CAMP OF THE LATE UPPER PALEOLITHIC IN SAN ADRIAN, NORTHERN IBERIA**
 Tapia, Jesus - Castaños, Pedro (Aranzadi Science Society)
- 12:00 LITHIC PRODUCTIONS AND TECHNO-ECONOMIC BEHAVIOR IN THE PRE-PYRENEAN MAGDALENIAN SITE OF CUEVA DE CHAVES (BASTARÁS, SPAIN)**
 Jiménez Ruiz, Luis (Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza) - Sánchez de la Torre, Marta (SERP-IAUB. Universitat de Barcelona) - Domingo, Rafael - Utrilla, Pilar (Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza)
- 12:15 LATE GLACIAL TECHNOLOGICAL EVOLUTION IN NE IBERIA: INSIGHTS FROM COVA DE LES BORRES AND COVA GRAN DE MONTSERRAT SEQUENCES**
 Rabuñal, José Ramón (Instituto Universitario de Investigación en Arqueología y Patrimonio Histórico - INAPH, Universidad de Alicante; Department of Archaeology and Heritage Studies, Aarhus University Moesgård) - Morales, Juan Ignacio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Soto, María (Madrid Institute for Advanced Study. MIAS. Casa Velázquez; Departamento de Prehistoria y Arqueología. Facultad de Filosofía y Letras. Universidad Autónoma de Madrid) - Cebrà, Artur (SERP, Departament d'Historia i Arqueologia, Secció de Prehistoria, Universitat de Barcelona) - Hernando, Raquel (Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Marsal, Roser (Institut de Recerca de l'Aigua - IdRA, Universidad de Barcelona; Department of Archaeology and Ancient History, Uppsala University) - Soares-Remiseiro, Miguel (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University Moesgård) - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)
- 12:30 DISCUSSION SLOT**
- 14:00 MULTI-ISOTOPE STUDY ON UNGULATES FROM COVA DE LES CENDRES (ALACANT, SPAIN): PALEOENVIRONMENT AND HUNTING STRATEGY RECONSTRUCTIONS THROUGHOUT THE UPPER PALEOLITHIC**
 Salazar García, Domingo Carlos (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; Grupo de Investigación en Prehistoria IT-1223-19 - UPV-EHU/IKERBASQUE-Basque Foundation for Science; Department of Geological Sciences, University of Cape Town) - Tornero, Carlos (Departament de Prehistòria, Universitat Autònoma de Barcelona - UAB, Edifici B Facultat de Filosofia i Lletres; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Real, Cristina (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València; Laboratory of Osteoarchaeology and Paleoanthropology, Department of Cultural Heritage, University of Bologna) - Villaverde, Valentín (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)
- 14:15 THE SAUVETERRIAN OCCUPATIONS OF COVETA DE LA FOIA (VILAFRANCA, VALENCIAN COUNTRY) AND THE END OF PALAEOLITHIC CULTURES IN MEDITERRANEAN IBERIA**
 Roman, Didac (Universitat Jaume I) - Domingo, Inés (ICREA; Universitat de Barcelona) - Fullola-Isern, Joan - Alcàntara, Roger (Universitat Jaume I)
- 14:30 REVIEW OF THE TECHNO-ECONOMIC TRENDS FROM THE CENTRAL IBERIAN MEDITERRANEAN AREA DURING THE TARDIGLACIAL AND EARLY POSTGLACIAL**
 Real, Cristina (Departamento de Prehistoria, Arqueología e Historia Antigua. Universidad de Valencia; Laboratory of Osteoarchaeology and Paleoanthropology. Department of Cultural Heritage. University of Bologna) - Vadillo Coneasa, Margarita - Aura, J. Emili - Villaverde, Valentín (Departamento de Prehistoria, Arqueología e Historia Antigua. Universidad de Valencia.) - Morales, J. Vicente (Departamento de didáctica de las ciencias experimentales y sociales. Universidad de Valencia) - Román, Dídac (Departamento de Historia, Geografía y Arte. Universidad Jaume I)
- 14:45 DISCUSSION SLOT**



POSTERS

A. **RECONSTRUCTING REINDEER (*RANGIFER TARANDUS*) MOBILITY PATTERNS THROUGH 3D GMM ANALYSIS OF THEIR PHALANGES**

Galán López, Ana Belén (CNRS TRACES UMR 5608 - Université Toulouse Jean Jaurès) - Pelletier, Maxime (Archaeology, History, Culture and Communication Studies, Faculty of Humanities, University of Oulu) - Discamps, Emmanuel (CNRS TRACES UMR 5608 - Université Toulouse Jean Jaurès)



108 THE TIMES ARE A CHANGING - SOCIO-CULTURAL AND ECOLOGICAL CHANGE DURING THE ATLANTIC BIOZONE AND THEIR IMPACT ON HUMAN LIFE [PAM]

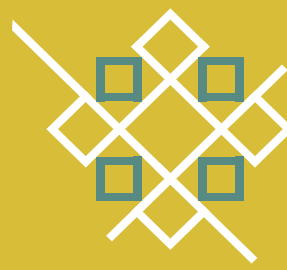
Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Posch, Caroline (Natural History Museum Vienna) - Groß, Daniel (Museum Lolland-Falster)

PAPERS

- 16:30 FROM TRAVELLING LONG DISTANCES TO BUILDING STRONGER FISH FENCES. CHANGES IN COMMUNICATION THE WESTERN BALTIC AREA**
Groß, Daniel - Söderlind, Sandra (Museum Lolland-Falster)
- 16:45 (IN)VISIBLE INTERACTIONS BETWEEN HUMANS AND WILD BOAR DURING THE MESOLITHIC-NEOLITHIC TRANSITION**
Brusgaard, Nathalie (University of Groningen)
- 17:00 TRADITION OBLIGATES. OCCUPATION, ADAPTIVE PROCESSES AND THE PERSISTENCE OF HUNTER-GATHERER COMMUNITIES IN THE NORTHERN ALPS DURING THE ATLANTIC BIOZONE**
Posch, Caroline (Department of Archaeologies, University of Innsbruck; Naturhistorisches Museum Wien)
- 17:15 POPULATION AND NUTRITION IN ATLANTIC SOUTHERN BAVARIA AND NORTHERN TYROL**
Pechtl, Joachim (Institute of Archaeology University of Innsbruck)
- 17:30 TESTING HYPOTHESES OF SOCIO-ENVIRONMENTAL CONNECTIVITY IN FOSTERING DEMOGRAPHIC DYNAMICS ACROSS LATE NEOLITHIC AND BRONZE AGE EUROPE**
Großmann, Ralph (Kiel University; Cluster of Excellence ROOTS)
- 17:45 DISCUSSION SLOT**



130 NEW INTERACTIONS AND RELATIONS WITH HERITAGE. DIFFERENT APPROACHES BETWEEN HERITAGE AND STAKEHOLDERS

Time: Thursday 1 Sept, 14:00 - 18:30

Format: Discussion session

Organisers: Loy, Aida (Leiden University) - Martínez Espinosa, Isaac (Universidad de La Rioja) - Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

PAPERS

14:00 INTRODUCTION

14:15 UIST UNEARTHED: COPRODUCING AN AUGMENTED REALITY APP

Gal, Emily - Rennell, Rebecca (University of the Highlands and Islands)

14:30 3D TECHNOLOGIES, CULTURAL HERITAGE AND PUBLIC OUTREACH: SHARING EXPERIENCES FROM THE MAYA AREA

Horcajada Campos, Patricia (Departamento de Historia de América y Medieval y Ciencias Historiográficas- Universidad Complutense de Madrid) - Vidal Lorenzo, Cristina (Departamento de Historia del Arte-Universidad de Valencia)

14:45 DISCUSSION SLOT

15:00 ARCHAEOLOGY IN SWISS SCHOOLS. A WEBSITE ON ARCHAEOLOGICAL TOPIC AS DIGITAL TEACHING TOOL

Marti, Cynthia (University of Bern)

15:15 A NEW MODEL OF ARCHAEOLOGICAL AND HERITAGE DISCLOSURE FOR SCHOOLCHILDREN

Espinosa, Isaac (Universidad Autónoma de Madrid & Instituto de Estudios Riojanos)

15:30 THE MONASTERY WHERE THE SPANISH LANGUAGE WAS BORN: EXCAVATIONS, RESTORATIONS AND DIDACTIC USES IN SAN MILLÁN DE SUSO

Jiménez Hernández, Enrique (University of La Rioja)

15:45 DISCUSSION SLOT

16:30 HERITAGE DIVULGATION AT THREE LEVELS. AN EXPERIENCE FROM A SMALL REGION (LA RIOJA)

Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

16:45 HERITAGE AT YOURS FINGERTIPS - INNOVATIVE METHODS FOR DISSEMINATION OF ARCHAEOLOGICAL HERITAGE

Byszewska-Lasinska, Agata (National Institute of Cultural Heritage)

17:00 THE REGIONAL PRESS AS DOCUMENTARY HERITAGE: THE CONSTRUCTION OF THE AUTONOMOUS COMMUNITY OF LA RIOJA THROUGH NUEVA RIOJA

Galilea, Diego (Instituto de Estudios Riojanos)

17:15 SOCIAL MEDIA TO APPROACH THE HERITAGE. THE CASE OF AN ONLINE JOURNAL

Loy, Aida (Independent Researcher)

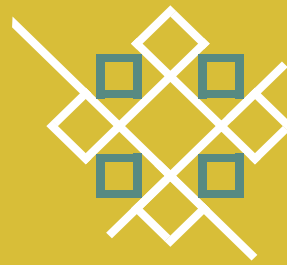
17:30 DISCUSSION SLOT

POSTERS

A. THE ARCHAEOTRAIL APP – OPENING A WINDOW INTO THE PAST

Loges, Luise (University of Glasgow) - Döpfer, Stephanie - Ludwig, Matthias - Gurjanow, Iwan - Oehler, Deng-Xin Ken (Goethe University Frankfurt)

C 278



#s139

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

Room: C_278

Time: Thursday 1 Sept, 11:00 - 13:00

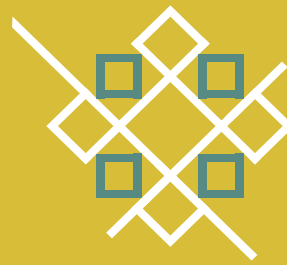
Theme: 2. [Re]integration

Format: Regular session

Organisers: Ponkratova, Irina (-) - Lbova, Lyudmila (-) - Davis, Loren (Keystone Archaeological Research Fund Director, Pacific Slope Archaeological Laboratory, Oregon State University)

PAPERS

- 11:00 ORNAMENTAL TATTOOS COMPLEX OF THE NATIVE PEOPLES IN THE NORTHERN PACIFICA*
Ponkratova, Irina (North Eastern State University; member of EAA) - Lbova, Liudmila (member of EAA)
- 11:15 THE SEARCH FOR A CULTURAL PROGENITOR TO THE FIRST AMERICANS: A REVIEW AND SYNTHESIS
Davis, Loren (Oregon State University)
- 11:30 THE EARLIEST ROCK ART STYLE IN EAST SIBERIA: THE EVIDENCE OF MOBILITY IN FINAL PLEISTOCENE-EARLY HOLOCENE
Ponomareva, Irina (University of Barcelona)



153 APPS AND ARCHAEOLOGY. USE OF APPS AS ARCHAEOLOGICAL TOOLS

Time: Thursday 1 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Espinosa, Isaac (Universidad de la Rioja) - Madrid, Aida (Leiden University) - Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

PAPERS

8:30 INTRODUCTION

8:45 AN APP USING ARTIFICIAL INTELLIGENCE IN CERAMIC IDENTIFICATION

Santos, Joel (NOVA University of Lisbon) - Nunes, Diogo (Technical University of Lisbon, Instituto Superior Técnico)

9:00 VISITING ARCHAEOLOGICAL SITES FROM OUR PHONES

Loy, Aida (Independent Researcher)

9:15 DISCUSSION SLOT

9:30 INNOVATIVE TECHNOLOGIES FOR THE USE OF MUSEUMS: THE CASE OF THE CIVIC ARCHAEOLOGICAL MUSEUM A C SIMONINI, CASTELFRANCO EMILIA (MO)

Neri, Diana (Museo Civico Archeologico A C Simonini; Soprintendenza Archeologia Emilia Romagna; Diorama snc)

9:45 WHAT'S UP, INTRASIS?

Westergaard, Bengt (The Archaeologists, National Historical Museums)

10:00 DEPOPULATION AND HERITAGE LOSS: GIS AND APPS AS HERITAGE DOCUMENTATION TOOLS

Larrauri Redondo, Sergio (Instituto de Estudios Riojanos)

10:15 DISCUSSION SLOT

11:00 CO-CREATING KNOWLEDGE WITH THE INHABITANTS ULLDEMOLINS VILLAGE (SPAIN), DEVELOPING AND IMPLEMENTING A COLLABORATIVE SURVEYING WEBAPP

Carracedo Recasens, Robert (Universitat Autònoma de Barcelona; Universidad Austral de Chile Sede Puerto Montt) - Berrocal Barberà, Anna (Universitat Autònoma de Barcelona) - Palomo Pérez, Antoni (Museu d'Arqueologia de Catalunya) - Terradas, Xavier (Consell Superior d'Investigacions Científiques - IMF, Barcelona) - Piqué Huerta, Raquel (Universitat Autònoma de Barcelona)

11:15 EVERYDAY APPS AND THEIR APPLICATIONS IN ARCHEOLOGY

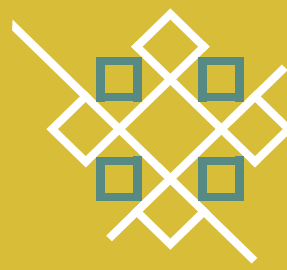
Espinosa, Isaac (Universidad Autónoma de Madrid & Instituto de Estudios Riojanos)

11:30 DISCUSSION SLOT

POSTERS

A. ÊTRE À LA TEMPS! THE USE OF MOBILE APPLICATIONS DURING FIELD SURVEYS IN YAMBOL DISTRICT, BULGARIA

Valchev, Todor (Regional historical museum)



154 TOWARDS AN ARCHAEOLOGY OF HOUSEHOLD PRACTICES – CURRENT ARCHAEOLOGICAL AND SCIENTIFIC CONTRIBUTIONS

Time: Thursday 1 Sept, 8:30 - 13:00

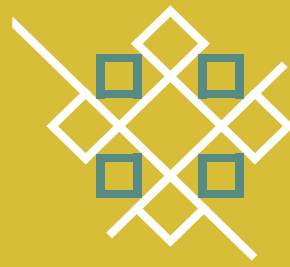
Format: Regular session

Organisers: Kienlin, Tobias (Institut für Ur- und Frühgeschichte, Universität zu Köln) - Fischl, Klára (University of Miskolc) - Kovács, Gabriella (Hungarian National Museum, Budapest) - Röpke, Astrid (Institut für Ur- und Frühgeschichte, Universität zu Köln) - Pető, Ákos (Szent István University)

PAPERS

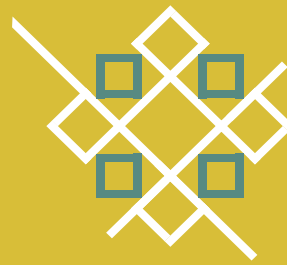
- 8:30 INTRODUCTION**
- 8:45 KINSHIP AT ÇATALHÖYÜK**
Ensor, Bradley (Eastern Michigan University) - Souvatzi, Stella (University of Thessaly)
- 9:00 EXPLORING THE MATERIALITY OF HOUSEHOLD AND COOKING PRACTICES AT THE NEOLITHIC SITE KLEITOS 1, GREECE. EVIDENCE FROM ORGANIC-RESIDUE ANALYSIS**
Kalogiropoulou, Evanthia (University of Crete) - Roumpou, Maria (University of Crete) - Ziota, Christina (Ephorate of Antiquities of Florina)
- 9:15 DOMESTIC PRACTICES AT LEPENSKI VIR: LOCAL DEVELOPMENTS OR OUTSIDE INTRODUCTIONS?**
Brami, Maxime (Johannes Gutenberg University Mainz)
- 9:30 HIGHLIGHTING ECONOMIC AND SOCIAL INTERACTIONS WITHIN LINEARBANDKERAMIK HOUSEHOLDS: THE HOMES PROJECT**
Hamon, Caroline (CNRS - UMR 8215 Trajectoires) - Allard, Pierre (CNRS - UMR 8068 TEMPS) - Aubry, Laurent (CNRS - UMR 8215 Trajectoires) - Cayol, Nicolas (INRAP - UMR 8215 Trajectoires) - Couderc, Florian (CNRS - UMR 8215 Trajectoires) - Denis, Solene (Mazaryk University; UMR 8068 TEMPS) - Gabriele, Marzia - Gomart, Louise (CNRS - UMR 8215 Trajectoires) - Hachem, Lamys (Inrap - CNRS - UMR 8215 Trajectoires) - Ilett, Michael (Paris 1 Pantheon Sorbonne University)
- 9:45 PLEASE TAKE OFF YOUR SHOES BEFORE COMING IN. GEOCHEMISTRY AND SEEING INVISIBLE HOUSEHOLD SPACES**
Kovacic, Joseph (Eveha études archéologiques; Terrascope Thin Section Slides) - Save, Sabrina (Amélie études archéologiques; Terrascope Thin Section Slides)
- 10:00 JUST RUBBISH! SPATIAL DISTRIBUTION PATTERNS OF EVERYDAY MEAT PROCESSING DURING THE LATE COPPER AGE CARPATHIAN BASIN**
Csíppán, Péter (Eötvös Loránd University) - Daróczi-Szabó, Márta (Budapest History Museum) - Klinga, Flóra (Eötvös Loránd University) - Fábrián, Szilvia (Hungarian National Museum)
- 10:15 DISCUSSION SLOT**
- 11:00 A MICROSCALE APPROACH TO HOUSEHOLD ARCHAEOLOGY: SOIL MICROMORPHOLOGY AND PHYTOLITH ANALYSIS**
Kovács, Gabriella (Hungarian National Museum) - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute for Wildlife Management and Nature Conservation, Department of Nature Conservation and Landscape Management) - Vicze, Magdolna (Hungarian National Museum)
- 11:15 HOUSEHOLD ACTIVITIES AS SEEN BY FLOORS – A COMPARISON OF TWO BRONZE AGE TELL SITES IN HUNGARY**
Röpke, Astrid (Ur- und Frühgeschichte, Universität zu Köln) - Kovács, Gabriella (Hungarian National Museum, Budapest) - Fischl, Klára (University of Miskolc) - Pető, Ákos (Szent István University) - Kienlin, Tobias (Ur- und Frühgeschichte, Universität zu Köln)
- 11:30 HOUSE LAYOUTS AS MEANS OF UNDERSTANDING HOUSEHOLD ACTIVITIES**
Lie, Marian (Iasi Institute of Archaeology; University of Cologne) - Cordos, Cristina (Institute of Archaeology Iasi)
- 11:45 FAUNAL RECORD AND TAPHONOMIC PROCESSES IN A MIDDLE BRONZE AGE HOUSE AT TOBOLIU (ROMANIA)**
Nolde, Nadine - Zickel, Mirijam (Institute for Prehistory, University of Cologne)
- 12:00 METALWORKING AS A HOUSEHOLD PRACTICE ON THE BRONZE AGE TELLS**
Gavan, Alexandra (Institut für Ur- und Frühgeschichte Universität zu Köln)

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- 12:15** **MIDDLE BRONZE AGE HOUSEHOLDS AND DAILY LIFE AT THE WESTERN FRINGE OF THE CARPATHIAN BASIN (NORTH-WESTERN ROMANIA)**
Zsolt, Molnár-Kovács (Babes-Bolyai University, Cluj-Napoca)
- 12:30** **PUTTING PEOPLE IN THEIR PLACE: PRIVACY AND COMMUNITY IN THE NEW KINGDOM EGYPT**
Rocha da Silva, Thais (University of São Paulo; University of Oxford)
- 12:45** **DISCUSSION SLOT**



174 RHYTHMS OF LIFE. EXPLORING THE IMPRINTS OF TEMPORALITIES AND ANNUAL CYCLES ON PREHISTORIC SETTLED LIFE

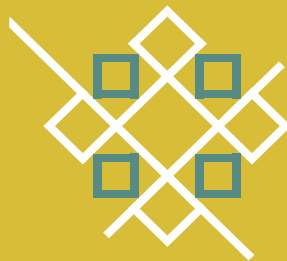
Time: Thursday 1 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Vicze, Magdolna (Hungarian National Museum) - Sorensen, Marie Louise (Cambridge University) - Sofaer, Joanna (Southampton University) - Kovács, Gabriella (Hungarian National Museum)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 PLANNING AND FORECASTING AS STRUCTURING GUIDANCE IN THE PREHISTORIC 'EVERYDAY'**
Sorensen, Marie Louise Stig (University of Cambridge)
- 14:30 ANNUAL ACTIVITY DIAGRAMS AS A TOOL FOR UNDERSTANDING THE COMPLEXITY OF DAILY LIFE ON A FARM**
van Amerongen, Yvonne (Archol - Archaeological Research Leiden)
- 14:45 RHYTHMS OF HEATHLAND LIVING IN THE NORDIC BRONZE AGE**
Haughton, Mark - Caple, Zac (Aarhus University)
- 15:00 DISCUSSION SLOT**
- 15:15 THE POLYRHYTHMS OF THE IRON AGE HEATHLAND FARM: A VIEW FROM WESTERN DENMARK**
Caple, Zac - Haughton, Mark (Aarhus University)
- 15:30 SIGNS OF SEASONALITY IN BRONZE AGE AGRICULTURAL PRACTICE AS SEEN IN THE ARCHAEOBOTANICAL RECORD**
Pető, Ákos (Hungarian University of Agricultural and Life Sciences) - Kovács, Gabriella - Vicze, Magdolna (Hungarian National Museum, Budapest)
- 15:45 DISCUSSION SLOT**
- 16:30 DETECTING SEASONAL ACTIVITY AT PREHISTORIC SITES THROUGH THE STUDY OF SKELETAL REMAINS FROM FISH, BIRDS AND JUVENILE LIVESTOCK**
Bartosiewicz, Laszlo (Stockholm University) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 16:45 CHILDREN AND SEASONS IN PROTOHISTORIC SETTLEMENTS IN THE SOUTHERN CARPATHIAN BASIN**
Ložnjak Dizdar, Daria (Institute of Archaeology, Zagreb) - Drnić, Ivan (Archaeological Museum in Zagreb)
- 17:00 DISCUSSION SLOT**
- 17:15 MICROSCOPY OF SEASONALITY**
Kovács, Gabriella (Hungarian National Museum) - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute for Wildlife Management and Nature Conservation, Department of Nature Conservation and Landscape Management) - Vicze, Magdolna (Hungarian National Museum)
- 17:30 THE TEMPORALITY OF A POT**
Sofaer, Joanna (University of Southampton)
- 17:45 'THOU KNOWEST, WINTER TAMES MAN, WOMAN, AND BEAST.' – THE ARCHAEOLOGY OF LIGHTING IN MIDDLE BRONZE AGE HOUSEHOLDS**
Vicze, Magdolna (Hungarian National Museum)
- 18:00 DISCUSSION SLOT**



184 CENTER VS PERIPHERY. INTERDISCIPLINARY APPROACHES TO THE STUDY OF MATERIAL CULTURE, ARCHITECTURE, AND LANDSCAPE IN THE CAUCASUS REGION

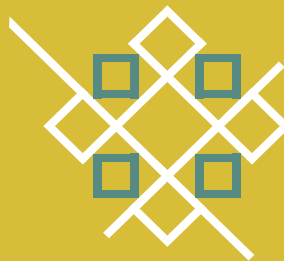
Time: Thursday 1 Sept, 11:00 - 13:00

Format: Regular session

Organisers: Kaliszewska, Agnieszka (Systems Research Institute, Polish Academy of Sciences) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires) - Hamburg, Jacek (Krukowski Polish-Georgian Interdisciplinary Research Center) - Bieńkowski, Rafał (Systems Research Institute, Polish Academy of Sciences)

PAPERS

- 11:00 ON THE TRAIL OF ANCIENT SETTLEMENTS... THE ARCHAEOLOGICAL LANDSCAPE OF KUTAISI IN THE LIGHT OF RECENT POLISH-GEORGIAN EXCAVATION RESEARCH**
Hamburg, Jacek (Krukowski Polish-Georgian Interdisciplinary Research Center) - Isakadze, Roland (Georgian National Museum; National Agency For Cultural Heritage Preservation of Georgia, Kutaisi Historical Architectural Museum - Reserve; Akaki Tsereteli State University) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk)
- 11:15 EARTHEN ARCHITECTURE AND CONSTRUCTION PRACTICES IN THE KUTAISI REGION**
Lorenzon, Marta (University of Helsinki)
- 11:30 A CASE STUDY OF BRONZE AGE POTTERY FROM KUTAISI, GEORGIA**
Kaliszewska, Agnieszka (Systems Research Institute, PAS) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk)
- 11:45 THE ANIMAL STYLE OF THE URARTIAN AND CAUCASUSIAN BELTS**
Castelluccia, Manuel (University of Naples) - Szabó, Geza (Wosinsky Mór Museum)
- 12:00 THE SUPPLY OF THE APSAROS FORTRESS (MODERN GONIO, GEORGIA) IN AMPHORA-BORNE COMMODITIES DURING THE ROMAN AND EARLY BYZANTINE PERIOD**
Komar, Paulina (Cardinal Stefan Wyszyński University in Warsaw) - Rogava, Andria (Georgian National Museum)
- 12:15 BAGRATI CATHEDRAL AND ITS SURROUNDINGS. PRELIMINARY RESULTS OF THE INTERDISCIPLINARY INVESTIGATION OF THE BAGRATI HILL IN KUTAISI, GEORGIA**
Bieńkowski, Rafał - Kaliszewska, Agnieszka (Systems Research Institute of the Polish Academy of Sciences) - Badura, Monika (Laboratory of Paleoecology and Archaeobotany, University of Gdańsk) - Lorenzon, Marta (University of Helsinki, Centre of Excellence in Ancient Near Eastern Empires)
- 12:30 DISCUSSION SLOT**



197 STANDARDIZATION IN QUALITATIVE AND QUANTITATIVE USE-WEAR ANALYSIS OF PREHISTORIC STONE TOOLS: DISCUSSING ISSUES AND SOLUTIONS [PAM]

Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD; Institute of Archeological Sciences, Eötvös Loránd University) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Marreiros, João (Laboratory for Traceology and Controlled Experiments - TraCER, MONREPOS – Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; ICArEHB – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, Universidade do Algarve; Institute for Prehistoric and Protohistoric Archeology, Johannes Gutenberg University) - Rots, Veerle (FNRS, TraceoLab, University of Liège; Institute of Early Prehistory and Quaternary Ecology, University of Tübingen) - Ibáñez, Juan José (Archaeology of Social Dynamics - ASD, Institución Milá y Fontanals - IMF, Spanish National Research Council - CSIC)

PAPERS

8:30 INTRODUCTION

8:45 QUANTITATIVE, YES... BUT WITH QUALITATIVELY GOOD DATA!

Calandra, Ivan (Römisch-Germanisches Zentralmuseum)

9:00 TRACING NEW CHALLENGES AND LIMITATION IN USE-WEAR STUDIES. PROMOTING NEW PROTOCOLS, GUIDELINES AND METHODOLOGICAL APPROACHES IN THE DISCIPLINE.

Marreiros, Joao - Calandra, Ivan - Carver, Geoff - Gneisinger, Walter - Schunk, Lisa - Paixao, Eduardo (TraCER, MONREPOS, RGZM) - Robitaille, Jerome (MONREPOS, RGZM) - Thaler, Ulrich (TraCER, MONREPOS, RGZM)

9:15 DISCUSSION SLOT

9:30 CAN WE RELY ON NON-STANDARDIZED EXPERIMENTAL APPROACHES DEALING WITH STONE TOOLS SURFACE ALTERATION? ISSUES CONCERNING EXPERIMENTAL PROTOCOLS SET UP

Scancarello, Olivier - Lemorini, Cristina (Sapienza Università di Roma)

9:45 USE-WEAR QUALITATIVE AND QUANTITATIVE VARIABILITY ON STONE RAW MATERIALS FROM THE CARPATHIAN BASIN

Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD; Institute of Archeological Sciences, Eötvös Loránd University) - Marteau, Julie (Laboratoire Roberval, Sorbonne Université, Université de Technologie de Compiègne) - Deltombe, Raphaël - Moreau, Philippe - Bigerelle, Maxence (Laboratoire d'Automatique, de Mécanique et d'Informatique industrielles et Humaines - LAMIH UMR-CNRS 8201, Université Polytechnique des Hauts de France) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc) - Mester, Zsolt (Institute of Archeological Sciences, Eötvös Loránd University; Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD)

10:00 DISCUSSION SLOT

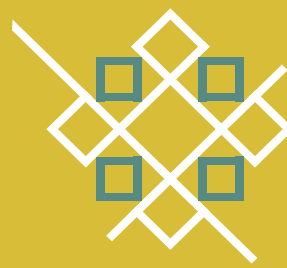
11:00 THE INTENSITY OF USE IN USEWEAR ANALYSIS: THE CASE OF HARVESTING GLOSS

Ibáñez, Juan (Spanish National Research Council - CSIC) - Mazzucco, Niccolò (University of Pisa) - Pichon, Fiona (Spanish National Research Council - CSIC)

11:15 A NEW METHOD TO DISTINGUISH DIFFERENT CONTACT MATERIAL ON QUARTZ TOOLS. FIRST RESULTS FROM ANALYSING USE WEAR STRIATIONS ON QUARTZ

Lundin, Jon (Independent researcher) - Boström, Sebastian (Independent researcher)

11:30 DISCUSSION SLOT



11:45

ON THE NEED OF QUALITATIVE BACKGROUND FOR A FRUITFUL USE-WEAR QUANTIFICATION

Ollé Cañellas, Andreu - Arroyo, Adrián (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - Asryan, Lena (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art; TraceoLab, University of Liège) - Fernández-Marchena, Juan Luis (Seminari d'Estudis i Recerques Prehistòriques - SERP, Dept.d'Història i Arqueologia, Universitat de Barcelona; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - García-Argudo, Gala (Seminari d'Estudis i Recerques Prehistòriques - SERP, Dept.d'Història i Arqueologia, Universitat de Barcelona) - Martín-Viveros, Juan Ignacio - Mateo-Lomba, Paula (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art) - Pedergrana, Antonella (University of Zurich) - Tumung, Laxmi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Dept. d'Història i Història de l'Art)

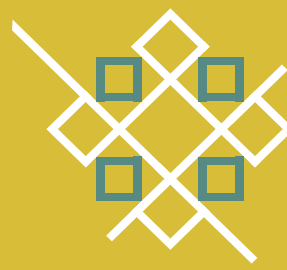
12:00

HOW TO INTEGRATE QUANTIFICATION INTO QUALITATIVE USE-WEAR ANALYSIS?

Taipale, Noora - Tomasso, Sonja - Michel, Marine (TraceoLab / Prehistory, University of Liège) - Rots, Veerle (TraceoLab / Prehistory, University of Liège; Maître de Recherches du FNRS)

12:15

DISCUSSION SLOT



198 FROM FIRE TO LIGHT

Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Vandeveld, Ségolène (Université Paris 1 - Panthéon-Sorbonne, UMR7041 ArScAn équipe Archéologies environnementales; Laboratoire des Sciences du Climat et de l'Environnement, LSCE/IPSL - CEA-CNRS-UVSQ- Université Paris Saclay) - Ferrier, Catherine (Université de Bordeaux) - Medina-Alcaide, M^a Ángeles (Fondation Fyssen, Université de Bordeaux; Department of History, University of Córdoba - UCO; International Institute for Prehistoric Research of Cantabria - IIPC) - Rueff, Bastien (UMR7041 ArScAn, équipe Protohistoire égéenne)

PAPERS

8:30 INTRODUCTION

8:45 MOBILE LIGHTING IN MEDIEVAL AND EARLY MODERN SWEDEN

Qvistrom, Linda (Uppsala University)

9:00 LAMPS AND LIGHTING IN UGARIT, FIRST ELEMENTS FROM THE ARCHIVES

Blanc, Guillaume (Ecole Pratique des Hautes Etudes - PSL)

9:15 DISCUSSION SLOT

9:30 AEGEAN BRONZE AGE LAMP WICKS. MATERIALS, MANUFACTURING TECHNIQUES AND LIGHT PROPERTIES

Rueff, Bastien (ArScAn - UMR 7041-CNRS; University Paris 1 Panthéon-Sorbonne)

9:45 THE RED SANDSTONE LAMP OF THE LASCAUX CAVE: AN EXPERIMENTAL APPROACH TO THE USE PROCESSES

Ferrier, Catherine (PACEA UMR 5199 – CNRS, Université de Bordeaux) - Medina-Alcaide, M^a Ángeles (PACEA UMR 5199 – CNRS, Université de Bordeaux; Dept. of History, University of Cordoba) - Leblanc, Jean Claude (TRACES UMR 5608 – CNRS, Université de Toulouse - Jean Jaurès) - Intxaurbe, Iñaki (Dept. of Geology, Euskal Herriko Unibertsitatea/ Universidad del País Vasco) - Ternoy, Marie (-) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIPC, Universidad de Cantabria - Gobierno de Cantabria)

10:00 ARCHEOLOGY OF THE LIGHT IN ATXURRA CAVE: A MULTIPROXY, MULTIANALYTIC AND EXPERIMENTAL APPROACH

Medina-Alcaide, M^a Ángeles (Université de Bordeaux - PACEA UMR 5199; Dept. of History, University of Cordoba) - Arriolabengoa, Martín (Dept. of Geology, Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Ríos, Joseba (Arkeologi Museoa) - Intxaurbe, Inaki (Dept. of Geology, Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Ferrier, Catherine (PACEA UMR 5199 – CNRS, Université de Bordeaux) - Leblanc, Jean (TRACES UMR 5608 – CNRS, Université de Toulouse - Jean Jaurès) - Mesa, Loli (Dept. of History, University of Cordoba) - Rivero, Olivia (Department of Prehistory, Ancient History and Archaeology Faculty of Geography and History University of Salamanca) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIPC, Universidad de Cantabria)

10:15 DISCUSSION SLOT

11:00 MULTIDISCIPLINARY APPROACH TO THE FUNCTION OF FIRE IN THE CHAUVET-PONT-D'ARC CAVE (ARDÈCHE, FRANCE)

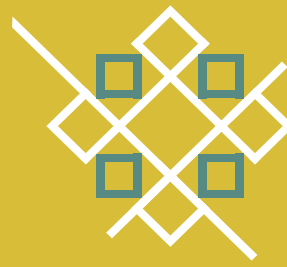
Ferrier, Catherine (PACEA UMR 5199 – CNRS, Université de Bordeaux) - Leblanc, Jean Claude (UMR 5608 TRACES, Université de Toulouse - Jean Jaurès) - Debard, Evelyne (UMR 5273, LGL-TPE, Université Lyon 1) - Fosse, Philippe (UAR 3125 MMSH, Université Aix Marseille) - Gely, Bernard (DRAC Auvergne - Rhône-Alpes, Ministère de la Culture) - Laurent, Antoine (UMR 5505 IRIT, UMR 5608 TRACES, Institut National Polytechnique de Toulouse - INPT) - Sagory, Thomas (Ministère de la Culture, Musée d'Archéologie nationale, domaine national de Saint-Germain-en-Laye) - Salmon, Fabien (UMR 5295 I2M, Université de Bordeaux, INP) - Tosello, Gilles - Fritz, Carole (CREAP, MSHS Toulouse, UMR 5608 TRACES, Université Toulouse Jean Jaurès)

11:15 ANTHROPOGEOLOGICAL ANALYSIS OF THE ROCHE COTARD WALLS: LOCATION OF THE PALEOLITHIC LIGHTING SYSTEMS

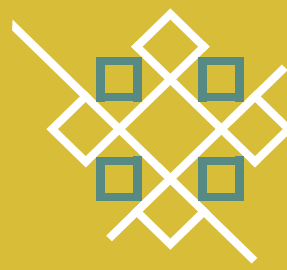
Vandeveld, Ségolène (Laboratory of Climate and Environment Sciences - LSCE UMR8212) - Marquet, Jean-Claude (Tours University)

11:30 UNDERSTANDING HEARTH LOCATIONS AND ACTIVITY AREAS IN CAVES BASED ON LIGHT, WARMTH, AND SMOKE DENSITY - CASE STUDY LAZARET CAVE

Kedar, Yafit - Barkai, Ran (Tel Aviv University)



- 11:45** **DISCUSSION SLOT**
- 12:00** **IDENTIFICATION OF THE SOURCE OF CARBON IN CARBON-BASED SOUTHERN AFRICAN ROCK PAINTINGS**
Dissais, Maud (Ecole Européenne de Chimie, Polymères et Matériaux, Université de Strasbourg; Department of chemistry, Université de Sherbrooke) - Bonneau, Adeline (Department of chemistry, Université de Sherbrooke; Rock Art Research Institute, University of the Witwatersrand)
- 12:15** **USING DIGITAL AND EXPERIMENTAL APPROACHES TO EVALUATE THE VISUAL EFFECTS OF LIGHTING CONDITIONS FOR MAGDALENIAN PORTABLE AND PARIETAL ART**
Wisher, Isobel (Durham University) - Needham, Andy (University of York)
- 12:30** **USE OF ARCHAEOLOGICAL EXPERIMENTAL DATA ABOUT PALAEOLITHIC LIGHTING IN COMPUTER SPATIAL ANALYSES RELATED WITH ROCK ART**
Intxaurbe, Iñaki (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco) - Medina-Alcaide, M^a (PACEA UMR 5199 – CNRS. Université de Bordeaux) - Garate, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIIPC, Universidad de Cantabria - Gobierno de Cantabria) - Arriolabengoa, Martin (Dept. of Geology. Euskal Herriko Unibertsitatea/Universidad del País Vasco)
- 12:45** **DISCUSSION SLOT**
- 14:00** **A 3D PHYSICALLY-BASED APPROACH FOR THE PROBLEM OF TRANSLUCENT MARBLE TILES AND THE ILLUMINATION OF CLASSICAL GREEK TEMPLES**
de Lara, Juan (UCL)
- 14:15** **THE UBIQUITY OF DARK AND LIGHT**
Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC) - Mom, Vincent (Digital Preservation Projects)
- 14:30** **DISCUSSION SLOT**



203 ACROSS THE MAELSTROM: SEARCHING FOR NEW DEPARTURES IN THE ARCHAEOLOGY OF THE VIKING AGE

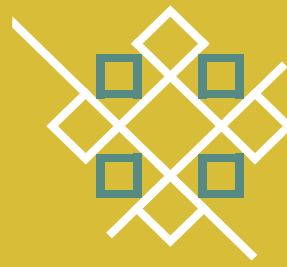
Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Sindbaek, Søren (Aarhus University) - Lund, Julie (University of Oslo)

PAPERS

- 16:30** **LIFE ON THE MARGINS: SOCIAL INEQUALITY AND STRUCTURAL VIOLENCE IN VIKING-AGE SCANDINAVIA**
Raffield, Ben (Uppsala University)
- 16:45** **"THEN ALL THE POWERS WENT TO THEIR THRONES OF FATE...". AN ANTHROPOLOGICAL LOOK AT PERFORMANCE AND RITUAL IN VIKING LEADERSHIP**
Maddox, Timmis (University of Wisconsin-Milwaukee)
- 17:00** **TRANSFORMATIONS IN VIKING AGE ANIMAL ART – A MULTI-PERSPECTIVE STUDY ON METALWORK AND VISUAL POETICS**
Neiß, Michael (Uppsala University, Department of Archaeology & Ancient History)
- 17:15** **THE PROBLEMATIC DISCONNECTION BETWEEN DECORATIVE STYLE AND OBJECT IN VIKING AGE ART**
Franco Valle, Rebeca (University of Bergen)
- 17:30** **POWER, ETHNICITY, AND SETTLEMENT IN THE NORSE-PERIOD LANDSCAPE OF SKYE AND THE WESTERN ISLES**
Ryder, Joseph (University of Bergen)
- 17:45** **MAPPING MIDGARD. RECONSTRUCTING MENTAL GEOGRAPHIES OF VIKING AGE SEAFARERS**
Jarrett, Greer (Lund University)
- 18:00** **BODY-POLITICS OF THE VIKING AGE**
Eriksen, Marianne Hem (School of Archaeology and Ancient History, University of Leicester)
- 18:15** **DISCUSSION SLOT**



211 RIGHT HERE, LET'S GET IT RIGHT NOW. COLLABORATIVE CREATION OF STANDARDS AND GUIDANCE TO DEFINE GOOD ARCHAEOLOGY IN DIFFERENT JURISDICTIONS

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Discussion session

Organisers: Hinton, Peter (Chartered Institute for Archaeologists) - Kyle, James (Institute of Archaeologists of Ireland) - Drummer, Clara (ClfA Deutschland) - Hessing, Wilfried (Vestigia Archeologie & Cultuurhistorie)

PAPERS

16:30 INTRODUCTION

16:45 THE CHALLENGE OF ESTABLISHING A 'LEVEL PLAYING FIELD' – THE ALIGNMENT OF STANDARDS AND GUIDANCE FOR USE IN NORTHERN IRELAND

Parker Wooding, Jen (Chartered Institute for Archaeologists) - Robinson, Rhonda (Department for Communities, Historic Environment Division)

17:00 STANDARDS AND GUIDANCE IN NORTHERN IRELAND. WHERE ARE WE, HOW DID WE GET HERE, AND WHAT HAVE WE ACHIEVED?

Robinson, Rhonda (DfC Historic Environment Division)

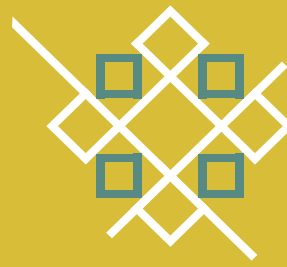
17:15 WHO CAN SET STANDARDS IN AUSTRIA AND GERMANY?

Karl, Raimund (Universität Wien)

17:30 BEWARE OF THE DIFFERENCE! A WARNING TO THE STANDARD-SETTERS

Carman, John (University of Birmingham)

17:45 DISCUSSION SLOT



215 FACING WATER RESOURCES AND VARIATIONS IN CENTRAL ASIA FROM PREHISTORY TO TIMURID PERIOD: DISASTER(S), ADAPTATION, ANTICIPATION

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Rhoné-Quer, Camille (Aix-Marseille University; CNRS/IEMAM) - Brisset, Elodie (CNRS/IMBE; Aix-Marseille University) - Kholov, Vohid (Institute of History of the Academy of Sciences of Uzbekistan)

PAPERS

16:30 INTRODUCTION

16:45 STUDYING RELATIONSHIP BETWEEN PREMODERN SOCIETIES AND WATER RESOURCES OR VARIATIONS IN CENTRAL ASIA: A STATE OF THE ART

Rhoné-Quer, Camille (Aix-Marseille University; CNRS/IEMAM) - Elodie, Brisset (CNRS/IMBE)

17:00 THE VALUE OF WATER IN THE STRATEGY OF CENTRAL ASIA

Kholov, Vohid (Institute of History of the Academy of Sciences of Uzbekistan)

17:15 DISCUSSION SLOT

17:30 THAT THIN RED LINE. WATER RESOURCES VARIABILITY AND AGRICULTURAL ADAPTATION IN SOUTHERN TURKMENISTAN DURING THE BRONZE AGE

Arciero, Roberto (Leiden University)

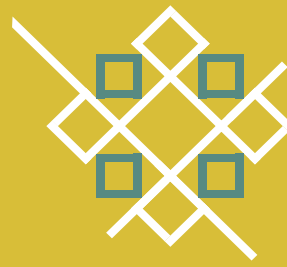
17:45 THE CITY OF TERMEZ IN THE MIDDLE AGES AND ITS IMPORTANCE IN THE FLOODING OF THE AMOU DARYA

Makhmasobirova, Feruza (Aix-Marseille University)

18:00 BRINGING ENVIRONMENTAL AND HISTORICAL ARCHIVES TOGETHER TO ANALYZE ADAPTATION STRATEGIES OF AGROPASTORAL SYSTEMS VIS-À-VIS WATER STRESS IN CENTRAL ASIA

Brisset, Elodie (IMBE, Aix Marseille Univ, Univ Avignon, CNRS, IRD) - Rhoné-Quer, Camille (IEMAM, Aix Marseille Univ, CNRS, MMSH) - Djamali, Morteza - Guiter, Frédéric - Gandouin, Emmanuel - Brousset, Lenka (IMBE, Aix Marseille Univ, Univ Avignon, CNRS, IRD)

18:15 DISCUSSION SLOT



220 APPRENTICESHIP AS RESEARCH METHOD

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Discussion session

Organisers: van Gijn, Annelou (Leiden University) - Wendrich, Willeke (Cotsen Institute of Archaeology, UCLA)

PAPERS

16:30 INTRODUCTION

16:45 COMMUNAL ARCHAEOLOGY: INDIGENOUS KNOWLEDGE, SCIENTIFIC RESULTS AND LEARNING BY DOING

Wendrich, Willeke (UCLA Cotsen Institute of Archaeology)

17:00 ARCHAEOLOGY AND INDIGENOUS EPISTEMOLOGY: CULTIVATION AND FOOD PROCESSING IN TIGRAY, NORTHERN ETHIOPIA

Tekle, Goitom (University of Adigrad)

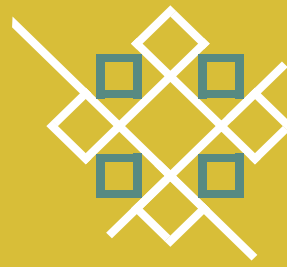
17:15 BRINGING A STONE AGE DWELLING CONSTRUCTION TO LIFE: A JOINT VENTURE OF LOCAL VOLUNTEERS AND ARCHAEOLOGICAL SCIENTISTS

van Gijn, Annelou (Faculty of Archaeology, Leiden University) - ter Brugge, Jeroen (Masamuda Educational Archaeological Centre; Rijksmuseum Amsterdam)

17:30 TO DO OR...TO DO! FROM THE CHALCOLITHIC TO THE CARMO ARCHAEOLOGICAL MUSEUM: EXPERIMENTAL AND PUBLIC ARCHAEOLOGY

Martins, Andrea (UNIQ - FLUL; Associação dos Arqueólogos Portugueses) - Cura, Pedro (PrehistoricSkills) - Neves, César (Associação dos Arqueólogos Portugueses; UNIQ - FLUL) - Carrondo, Joana (PrehistoricSkills) - Diniz, Mariana (UNIQ - FLUL; Associação dos Arqueólogos Portugueses) - Arnaud, José (Associação dos Arqueólogos Portugueses)

17:45 DISCUSSION SLOT



222 AD SALUBRITATEM CIVITATUM. THE ARCHAEOLOGY OF WATER EVACUATION INFRASTRUCTURES IN ROMAN URBAN SETTLEMENTS

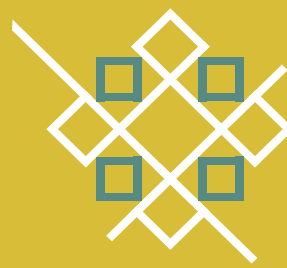
Time: Thursday 1 Sept, 8:30 - 10:30

Format: Regular session

Organisers: Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville) - Lebre, Jean-Baptiste (Casa de Velázquez) - Felício, Catarina (CHAM – Centre for Humanities, FCSH, Universidade NOVA de Lisboa)

PAPERS

- 8:30 THE BOUNDARIES OF THE UNWANTED: REFLECTIONS ON DRAINAGE NETWORKS IN THE ROMAN WORLD**
Lebre, Jean-Baptiste (Casa de Velázquez)
- 8:45 WHERE DOES THE WASTEWATER GO? DRAINAGE CHALLENGES AND SOLUTIONS ON THE AGORA IN NEA PAPHOS, CYPRUS**
Michalik, Michal (Doctoral School in the Humanities, Jagiellonian University) - Misk, Łukasz (Institute of Archaeology Jagiellonian University)
- 9:00 THE HIDDEN FACE OF THE HYDRAULIC NETWORK OF A PROVINCIAL CAPITAL: THE WATER EVACUATION SYSTEM OF TARRACO**
Lebre, Jean-Baptiste - Lasheras, Ada (Casa de Velázquez - EHEI)
- 9:15 URBAN SEWERAGE SYSTEMS IN THE ROMAN PROVINCE OF LUSITANIA: CONSTRUCTION AND OPERATION.**
Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville)
- 9:30 RAIN AND WASTEWATER MANAGEMENT IN ROMAN MIROBRIGA (SANTIAGO DO CACÉM, PORTUGAL). AN OVERVIEW OF THE EVACUATION SYSTEM**
Felício, Catarina (CHAM - Centre for the Humanities. Universidade NOVA de Lisboa)
- 9:45 ROMAN WATER EVACUATION STRUCTURES. ASSESSMENT OF FUNCTIONALITIES AND BUILDING TECHNIQUES PRESENT AT MIROBRIGA (SANTIAGO DO CACÉM, PORTUGAL)**
Felício, Catarina - Sousa, Filipe (CHAM - Universidade NOVA de Lisboa)
- 10:00 TRANSFORMATIONS IN THE URBAN DRAINAGE SYSTEMS IN LATE ANTIQUE HISPANIA (3RD – 6TH CENTURIES CE)**
Acero Pérez, Jesús (Department of Prehistory and Archaeology, University of Seville) - Romaní Sala, Núria (Autonomous University of Barcelona)
- 10:15 DISCUSSION SLOT**



223 WINDS OF CHANGE? POST-MEDIEVAL AND HISTORICAL ARCHAEOLOGY IN SOUTHERN EUROPE AND THE MEDITERRANEAN

Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Panetta, Alessandro (Università degli Studi di Genova) - Casimiro, Tânia (Universidade Nova de Lisboa)

PAPERS

8:30 INTRODUCTION

8:45 TO SHARE OR TO DIVIDE? DEFINING SPACES AT THE UPLAND SETTLEMENT OF COLANESI (GENOVA, ITALY) BETWEEN 19TH AND 20TH CENTURIES

Bizzarri, Giulia (Laboratorio di Archeologia e Storia Ambientale - Università di Genova)

9:00 WATER MANAGEMENT AND RESILIENCE IN SOUTHERN ITALY: THE CASE OF ARENA

Mascarello, Chiara - Felicioni, Camilla - Patacchini, Andrea - Citter, Carlo (University of Siena)

9:15 DISCUSSION SLOT

9:30 A HIDDEN TRADING HUB OF THE OTTOMAN EMPIRE: SZOLNOK AND LONG-DISTANCE TRADE IN THE OTTOMAN PERIOD BASED ON ORIENTAL CERAMICS

Komori, Tünde (Medieval Studies Department, Central European University, Vienna and Budapest) - Kertész, Róbert (János Damjanich Museum, Szolnok)

9:45 POTTERY CONSUMPTION IN MODERN BRAGA: FROM NATIONAL RESEARCHES TO REGIONAL TRADITIONS

Fernandes, Lara (Laboratório de Paisagens, Património e Território - Lab2PT; Unidade de Arqueologia da Universidade do Minho - UAUM) - Machado, Diego (Fundação para a Ciência e Tecnologia - FCT; Laboratório de Paisagens, Património e Território - Lab2PT; Unidade de Arqueologia da Universidade do Minho - UAUM) - Martins, Manuela - Magalhães, Fernanda - Botica, Natália (Unidade de Arqueologia da Universidade do Minho - UAUM; Laboratório de Paisagens, Património e Território - Lab2PT)

10:00 ARCHAEOLOGY OF VENETIAN-MADE CERAMICS IN THE MODERN ERA. A CASE STUDY

Ferri, Margherita (Ca' Foscari University of Venice)

10:15 DISCUSSION SLOT

11:00 MATERIALIZING DEATH. AN INTERACTION OF PEOPLE AND THINGS AT THEIR FINAL HOUR IN EARLY MODERN PORTUGAL

Casimiro, Tania (CFE HTC - Nova University of Lisbon) - Costa, Inês (Independent Archaeologist) - Iglesias, Jessica (Independent Archaeologist)

11:15 THE FUNERARY EPIGRAPHY OF THE NW IBERIA (1850-1940) OR HOW ARCHAEOLOGY CAN HANDLE THE SUBTLE NUANCES OF POWER

Álvarez, Samuel (Incipit, CSIC; Universidade de Santiago de Compostela)

11:30 COFFEE CUPS FROM THE EAST: TRADING CONNECTIONS OF OTTOMAN SOFIA BASED ON ORIENTAL CERAMIC FINDS FROM THE POST-MEDIEVAL PERIOD

Komori, Tünde (Medieval Studies Department, Central European University, Vienna and Budapest) - Goryanova, Snezhana (National Archaeological Institute with Museum, Bulgarian Academy of Sciences, Sofia) - Dafova, Lyuba (Regional History Museum - Sofia)

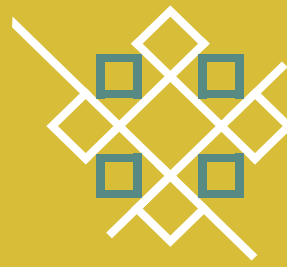
11:45 DISCUSSION SLOT

12:00 WHERE THE MIDDLE AGES DID NOT END

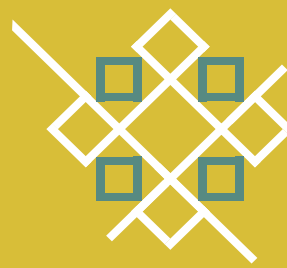
Citter, Carlo (University of Siena)

12:15 TEAR ALONG THE ... BORDERS

Gattiglia, Gabriele - Anichini, Francesca - Di Pasquale, Caterina - Trabucco, Nicola (University of Pisa - Dipartimento di Civiltà e forme del sapere)



- 12:30** **GUERRILLA WARFARE AND THE POLITICS OF MEMORY: A TRANS-NATIONAL COMPARATIVE PERSPECTIVE**
Tejerizo, Carlos (Università degli Studi di Genova) - Santeramo, Riccardo - Bizzarri, Giulia - Piu, Caterina (Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova)
- 12:45** **DISCUSSION SLOT**
- 14:00** **COMMON-LANDS, PRACTICES AND LOCAL KNOWLEDGE: AN ARCHAEOLOGICAL PERSPECTIVE TO THE INNER SOCIAL DIMENSION OF LANDSCAPE. CASE STUDIES FROM SOUTHERN EUROPE**
Stagno, Anna Maria (University of Genova - Laboratory of Environmental Archaeology and History) - Panetta, Alessandro - Attolini, Davide - Bizzarri, Giulia - Cristina, Giovanni (Università di Genova) - Menéndez Blanco, Andrés (University of Oviedo) - Menozzi, Bruna - Piu, Caterina - Santeramo, Riccardo - Molinari, Chiara (Università di Genova)
- 14:15** **EXPLORING CONNECTIONS BETWEEN ARCHAEOLOGIES OF EARLY MODERN SPAIN AND COLONIAL IBERO-AMERICA**
Senatore, Maria (Instituto de Investigación en Arqueología y Patrimonio Histórico - INAPH, Universidad de Alicante) - Gutierrez Lloret, Sonia (Instituto de Investigación en Arqueología y Patrimonio Histórico - INAPH, Dep. Prehistoria, Arqueología, Hª Antigua, Fil. Latina, Fil. Griega Universidad de Alicante)
- 14:30** **POST-MEDIEVAL ARCHAEOLOGY, ARCHAEOLOGY OF MODERN AGE OR ARCHAEOLOGY OF MODERNIZATION? REFLECTIONS ON LATER HISTORICAL ARCHAEOLOGY IN THE MEDITERRANEAN**
Panetta, Alessandro - Cristina, Giovanni - Stagno, Anna Maria (Università degli Studi di Genova; LASA - Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova)
- 14:45** **DISCUSSION SLOT**



230 SEDIMENT AND SOIL ARCHIVES TO DECIPHER HUMAN-ENVIRONMENT INTERACTIONS IN WETLAND LANDSCAPES FROM THE NEOLITHIC TO THE XXTH CENTURY

Time: Thursday 1 Sept, 14:00 - 18:30

Format: Session with keynote presentation and discussion

Organisers: Mayoral, Alfredo (ICAC - Catalan Institute of Classical Archaeology) - Dendievel, André-Marie (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA)

PAPERS

14:00 INTRODUCTION

14:15 FROM THE PALEOANTHROPOCENE TO THE ANTHROPOCENE: TOWARDS A HIGH RESOLUTION OF THE LONG-TERM ANTHROPOGENIC IMPACT ON WETLANDS IN NORTHWESTERN FRANCE

Lespez, Laurent (Lab. Géographie Physique - LGP - CNRS; Univ. Paris Est Creteil) - Beauchamp, Axel (Nantes Métropole, Direction du patrimoine et de l'archéologie; CReAAH - CNRS) - De Milleville, Lucile (Lab. Géographie Physique - LGP - CNRS; Univ. Paris Est Creteil) - Lemer, Laurence (Lab. Géographie Physique - LGP - CNRS; Univ. Paris 1 Panthéon Sorbonne) - Gauthier, Agnès (Lab. Géographie Physique - LGP CNRS; Univ. Paris 1 Panthéon Sorbonne & Univ. Paris Est Creteil)

14:30 DISCUSSION SLOT

14:45 ENVIRONMENTAL CHANGE DOCUMENTED IN A FLUVIAL LANDSCAPE: CASE STUDY ON THE LATE NEOLITHIC BRŠADIN-PAŠNJAK POD SELOM SITE (NE CROATIA)

Botic, Katarina (Institute of Archaeology, Zagreb) - Marks, Leszek (Polish Geological Institute – National Research Institute, Warsaw) - Welc, Fabian (Cardinal Stefan Wyszyński University, Institute of Archaeology, Warsaw) - Nitychoruk, Jerzy - Rogóż-Matyszczak, Anna (Pope John Paul 2nd State Higher School, Faculty of Technical Sciences, Biała Podlaska) - Szymanek, Marcin - Czajkowska, Monika - Cabała, Izabela (University of Warsaw, Faculty of Geology)

15:00 HUMAN ACTIVITIES AND WETLAND ENVIRONMENT DECIPHERED BY USING MACROFOSSILS IN URBAN AND PERI-URBAN CONTEXTS FROM THE ROMAN PERIOD TO NOWADAYS

Dendievel, André-Marie (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA) - Gaillot, Stéphane (Service Archéologique de la Ville de Lyon) - Pruvost, Jean (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA) - Dessaint, Philippe - Monin, Michèle (Service Archéologique de la Ville de Lyon) - Mourier, Brice - Winiarski, Thierry (Univ Lyon, Université Claude Bernard Lyon 1, ENTPE, CNRS, UMR 5023 LEHNA)

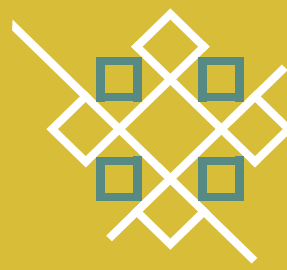
15:15 3D-MODELLING OF HOLOCENE LANDSCAPE CHANGE IN THE AREA OF THE LATE NEOLITHIC WETLAND SETTLEMENT SITE OF PESTENACKER, SOUTHERN GERMANY(PART1)

Wanger-O'Neill, Anneli (Bavarian State Department for Cultural Heritage - BLfD) - Köhler, Anne - Schneider, Birgit (Leipzig University, Institute for Geography) - Rabiger-Völlmer, Johannes (Leipzig University, Institute for Geography) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Werther, Lukas (University of Tuebingen, Institute for Prehistoric and Medieval Archaeology) - Dietrich, Peter (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Berg, Stefanie (Bavarian State Department for Cultural Heritage - BLfD) - Zielhofer, Christoph (Leipzig University, Institute for Geography)

15:30 3D-MODELLING OF HOLOCENE LANDSCAPE CHANGE IN THE AREA OF THE LATE NEOLITHIC WETLAND SETTLEMENT SITE OF PESTENACKER, SOUTHERN GERMANY (PART2)

Köhler, Anne (Leipzig University, Institute for Geography) - Wanger-O'Neill, Anneli (Bavarian State Department for Cultural Heritage - BLfD) - Schneider, Birgit - Rabiger-Völlmer, Johannes (Leipzig University, Institute for Geography) - Werban, Ulrike (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Werther, Lukas (University of Tuebingen, Institute for Prehistoric and Medieval Archaeology) - Dietrich, Peter (Helmholtz Centre for Environmental Research - UFZ, Department Monitoring and Exploration Technologies) - Berg, Stefanie (Bavarian State Department for Cultural Heritage - BLfD) - Zielhofer, Christoph (Leipzig University, Institute for Geography)

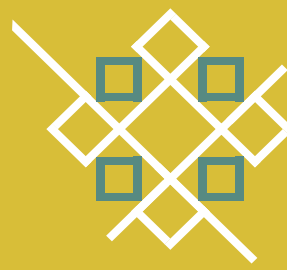
15:45 DISCUSSION SLOT



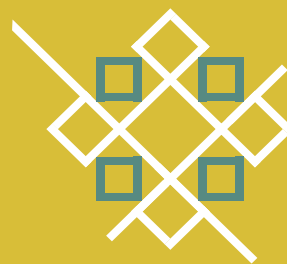
- 16:30 HUMAN FOOTPRINT IN CHANGING ENVIRONMENT REVEALED THROUGH MULTI-PROXY RECONSTRUCTION: THE STUDY OF BRUSZCZEWO MICROREGION IN WESTERN POLAND**
 Niebieszczanski, Jakub (Adam Mickiewicz University in Poznań) - Gałka, Mariusz (University of Łódź) - Hildebrandt-Radke, Iwona - Karpińska-Kończak, Monika - Kończak, Piotr - Rzdokiewicz, Monika (Adam Mickiewicz University in Poznań) - Spychalski, Waldemar (Poznań University of Life Sciences)
- 16:45 LARGE-SCALE GEO-ARCHAEOLOGICAL PROSPECTION OF MID- TO LATE HOLOCENE WETLAND LANDSCAPES IN THE CENTRAL NETHERLANDS USING A MULTI-DISCIPLINARY APPROACH**
 De Moor, Jos - Van Zijverden, Wilko (EARTH Integrated Archaeology) - Troelstra, Simon (VU University Amsterdam) - Verweij, Geurt (Bureau Waardenburg Ecology & Landscape)
- 17:00 RECONSTRUCTING THE LANDSCAPE OF THE SOUTHERN DANUBE DELTA IN ANTIQUITY: A SOCIO-ENVIRONMENTAL APPROACH**
 Bivolaru, Alexandra (Aix Marseille Université, CNRS, IRD, INRA) - Morhange, Christophe (Aix Marseille Université, CNRS, IRD, INRA; EPHE, Section des Sciences Historiques et Philologiques, UMR 8546, Archéologie et philologie d'Orient et d'Occident - AORoc) - Baralis, Alexandre (Musée du Louvre, Department of Greek, Roman and Etruscan Antiquities)
- 17:15 A GEOARCHAEOLOGICAL TALE OF TWO CITIES: PALAEOGEOGRAPHY, SOCIO-ENVIRONMENTAL INTERACTION AND COASTAL LANDSCAPE EVOLUTION AROUND ANCIENT ABDERA (THRACE, GR.)**
 Mayoral, Alfredo (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP; Université Clermont Auvergne, CNRS, GEOLAB) - Ejarque, Ana (ISEM, Univ Montpellier, CNRS, IRD) - García-Molsosa, Arnau - Georgiadis, Mercurios - Apostolou, Giannis (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP) - Gaertner, Vincent (CNRS, UMR 5600, EVS-IRG & University of Lyon) - Kallintzi, Constantina (Director of the Eforia of Antiquities at Xanthi, Archaeological Museum of Avdira) - Kefalidou, Eurydice (National and Kapodistrian University of Athens, School of Philosophy, Department of History and Archaeology) - Palet, Josep María - Orengo, Hèctor A. (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP)
- 17:30 HUMAN-ENVIRONMENTAL INTERACTIONS AT HAIMENKOU- A LATE NEOLITHIC AND EARLY BRONZE AGE WETLAND SITE IN SOUTHWEST CHINA**
 Su, Kai - Kidder, Tristram (Washington University in St. Louis)
- 17:45 RISK ASSESSMENT OF GLOBAL CHANGE IMPACTS ON MEDITERRANEAN LAKE SITES**
 Piqué, Raquel (Universitat Autònoma de Barcelona, Departament de Prehistoria) - Romagnoli, Manuela (Dept. for Innovation in Biological, Agro-food and Forest systems - DIBAF. University of Tuscia) - Barbaro, Barbara (Soprintendenza for Archaeology, Arts and landscape. Rome) - Galotta, Giulia (Institute for Cultural Heritage Conservation and Restoration) - Chaumat, Gilles - Martínez-Carballeda, Xavier (ARC-Nucléart) - Palomo, Antoni (Museu d'Arqueologia de Catalunya) - Terradas, Xavier (Consejo Superior de Investigaciones Científicas) - García, Irene (Universitat Autònoma de Barcelona) - Moscatelli, Cristina (Department for Innovation in Biological, Agro-food and Forest systems - DIBAF - University of Tuscia)
- 18:00 A MULTI-PROXY APPROACH TO ANALYSIS OF IRON AGE SETTLEMENT ON THE WETLAND MARGINS: CASE STUDIES FROM TWO SITES IN SCOTLAND**
 Roy, Lynne - Robertson, Jackaline (AOC Archaeology Group)
- 18:15 DISCUSSION SLOT**

POSTERS

- A. USING SEDADNA TO IDENTIFY PAST ECOSYSTEM ENGINEERING SPECIES**
 Vernot, Benjamin (Ancient Environmental Genomics, Max Planck Institute for Evolutionary Anthropology) - Sperisen, Christoph (Swiss Federal Institute for Forest Snow and Landscape Research WSL) - Robin, Vincent (Laboratoire Interdisciplinaire des Environnements Continentaux, UMR 7360 CNRS - Université de Lorraine) - Larsen, Annegret (Environmental Sciences, Wageningen University & Research)



- B. HUMAN-ENVIRONMENT INTERACTIONS IN AND AROUND VENICE LAGOON: MICRO-ECOLOGIES AND GEOARCHAEOLOGICAL NARRATIVES FROM ROMAN PERIOD TO MIDDLE AGES**
 Bivolaru, Alexandra (Aix-Marseille Université, CNRS, IRD, INRA, Coll. France, CEREGE, EPHE-PSL, Chaire d'archéosciences) - Morhange, Christophe (Aix-Marseille Université, CNRS, IRD, INRA, Coll. France, CEREGE, EPHE-PSL, Chaire d'archéosciences; EPHE, Section des Sciences Historiques et Philologiques, UMR 8546, Archéologie et philologie d'Orient et d'Occident - AOrOc) - Cottica, Daniela (Dipartimento di Studi Umanistici Università Ca' Foscari Venezia Palazzo Malcanton - Marcorà)
- C. INSIGHTS INTO THE IMPACTS OF NEOLITHIC LAND USE AND CLIMATE CHANGE ON THE VEGETATION OF NORTHERN GREECE**
 van Vugt, Lieveke - Morales-Molino, César - Gobet, Erika - Lotter, André (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Vogel, Hendrik (Institute of Geological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Tinner, Willy (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- D. RECONSTRUCTING ROMAN AGE LAND COVER CHANGES IN TRANSDANUBIA (HUNGARY) USING POLLEN, ANTHRACOLOGICAL AND GIS STUDIES**
 Merkl, Máté (Department of Environmental and Landscape Geography, Eötvös Loránd University; Tata Kuny Domokos Múzeum) - Csüllög, Gábor - Hajdúné Darabos, Gabriella (Department of Environmental and Landscape Geography, Eötvös Loránd University) - Magyar, Enikő (Department of Environmental and Landscape Geography, Eötvös Loránd University; MTA-MTM-ELTE Research Group for Palaeontology)
- E. HOLOCENE VEGETATION CHANGES IN SOUTHERN UKRAINE UNDER CHANGING LAND USE AND CLIMATE**
 Ganz, Kathrin - Morales-Molino, César (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Kiosak, Dmytro (Dipartimento di Studi sull'Asia e sull'Africa Mediterranea, Università Ca' Foscari) - van Leeuwen, Jacqueline - Gobet, Erika - Tinner, Willy (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- F. BURIED IN THE GROUND? LOOKING FOR ENVIRONMENTAL CHANGES FOR SERBIAN BANAT LATE BRONZE AGE SETTLEMENTS ABANDONMENT.**
 Estanqueiro, Marta (University College Dublin; CEAACP-Universidade de Coimbra) - Lewis, Helen (University College Dublin) - Penezić, Kristina (Biosense institute, University of Novi Sad) - Molloy, Barry (University College Dublin) - Salamon, Aleksandar (Narodni muzej Zrenjanin)



239 A LOOK BENEATH THE SURFACE: MICRO-ARCHAEOLOGICAL AND GEOARCHAEOLOGICAL APPROACHES TO THE STUDY OF OCCUPATION SURFACES

Time: Thursday 1 Sept, 8:30 - 16:00

Format: Regular session

Organisers: George, Nebu (Bangor University) - Santiago Marrerro, Carlos (Universitat Pompeu Fabra) - Schumacher, Mara (Newcastle University) - Tomé, Laura (University of La Laguna)

PAPERS

8:30 INTRODUCTION

8:45 WHAT LIES UNDER THE SURFACE AND CAN WE EXCAVATE IT PROPERLY?

Mallol, Carolina (Universidad de La Laguna)

9:00 DISCUSSION SLOT

9:15 WHAT TIED THE ROOM TOGETHER: A MULTIDISCIPLINARY PERSPECTIVE ON THE FLOORS OF NEOLITHIC GÖBEKLI TEPE

Ögüt, Birgül (Deutsches Archäologisches Institut, Orient Abteilung) - Kinzel, Moritz (Deutsches Archäologisches Institut, Abteilung Istanbul) - Sobott, Robert (Friedrich-Alexander-Universität Erlangen-Nürnberg, Geozentrum Nordbayern, Erlangen) - Schönicke, Julia (Institut für Vorderasiatische Archäologie, Freie Universität Berlin) - Huber, Barbara (Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - Clare, Lee (Deutsches Archäologisches Institut, Abteilung Istanbul)

9:30 LIFE THROUGH THE GEOCHEMICAL LENS: A STUDY OF THE USE OF SPACE IN A MIDDLE-IRON AGE HOUSE IN NORTHWEST WALES

George, Nebu (Bangor University)

9:45 PORTABLE X-RAY FLUORESCENCE (PXRF) ANALYSIS ON THE EARLY MEDIEVAL MOUNTAIN HUT AT BUSA DELLE VETTE, BELLUNO, ITALIAN ALPS

Armigliato, Alessandro - Carrer, Francesco (Newcastle University) - Cavulli, Fabio (University of Naples Federico II)

10:00 COMPARING SOIL GEOCHEMISTRY AND ANTHROPOGENIC PATTERNS OF BUILDINGS OF DIFFERENT FUNCTIONS AND SOCIAL ROLES ON THE ÅLAND ISLANDS, FINLAND

Ilves, Kristin - Holmqvist, Elisabeth (University of Helsinki)

10:15 DISCUSSION SLOT

11:00 MODELLING MERCURY BEHAVIOUR IN POST-ROMAN INHUMATIONS AND OCCUPATIONAL SURFACES

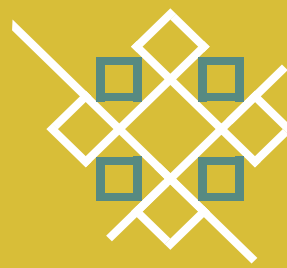
Álvarez Fernández, Noemi - Martínez Cortizas, Antonio (CRETUS-EcoPast GI-1553, Facultade de Bioloxía, Universidade de Santiago de Compostela) - López Costas, Olalla (EcoPast GI-1553-CRETUS, Arqueoloxía, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología Física, Facultad de Medicina, Universidad de Granada)

11:15 PXRF AND GEOSTATISTICS APPLIED TO OCCUPATION SURFACES TO EXPAND THE ARCHAEOLOGICAL RECORD AT SOUTHERN AFRICAN 'STONE WALLED SITES' (14TH-19TH CE)

Biagetti, Stefano (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Alcaina-Mateos, Jonas - Ruiz-Giralt, Abel (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Groenewald, Patricia (Department of Archaeology, University of Cape Town) - Ibañez-Insa, Jordi (Geosciences Barcelona - GEO3BCN, CSIC) - Gur-Arieh, Shira (Ludwig-Maximilians-Universität München) - Morton, Fred (Department of History, University of Botswana) - Merlo, Stefania (McDonald Institute for Archaeological Research, University of Cambridge)

11:30 ARCHAEOLOGICAL CONTEXT AND REMOTE SENSING IN THE SOUTH OF IBERIAN PENINSULA: CORRELATIONS AND FIRST RESULTS

Villalón-Torres, David (Instituto Andaluz del Patrimonio Histórico) - Montorio-Llovería, Raquel (Universidad de Zaragoza) - Cuenca-García, Carmen (NTNU University Museum) - García-Viñas, Esteban - Gómez-Morón, Auxiliadora (Instituto Andaluz del Patrimonio Histórico) - Marín-Valero, M^a Jesús - Villar-Navarro, Mercedes (Universidad de Sevilla) - González-Campos, Yolanda - Bernáldez-Sánchez, Eloísa (Instituto Andaluz del Patrimonio Histórico)



11:45 DISCUSSION SLOT

12:00 BUILDING IN THE DETAIL: MICRO-STRATIGRAPHIC APPROACHES TO UNDERSTANDING NEOLITHIC STRUCTURES AT THE NESS OF BRODGAR, ORKNEY

McKenzie, Jo (Archaeological Sciences, University of Bradford) - Card, Nick (Archaeology Institute, University of the Highlands and Islands; The Ness of Brodgar Trust)

12:15 THE MICROMORPHOLOGY AND GEOCHEMISTRY OF EARTHEN HOUSE FLOORS AT OLYNTHOS, GREECE

Schumacher, Mara (Newcastle University)

12:30 SITE FORMATION PROCESSES OF THE MIDDLE PALAEO-LITHIC CAVE SITE OF ARARAT-1, ARMENIAN HIGHLANDS: A GEOARCHAEOLOGICAL APPROACH

Sherriff, Jenni (Department of Geography, King's College London) - Rogall, Dominik (The Institute of Archaeology, The Hebrew University of Jerusalem) - Lauer, Tobias (Max Planck Institute for Evolutionary Anthropology – Department of Human Evolution, Leipzig; Terrestrial Sedimentology Research Group, Eberhard Karls University of Tübingen) - Fewlass, Helen (The Francis Crick Institute, London) - Vettese, Delphine (Histoire Naturelle de l'Homme Préhistorique - HNHP, UMR 7194, Muséum national d'Histoire naturelle - MNHN, Homme et Environnement, Equipe Nomade, CNRS, Institut de Paléontologie Humaine, Sorbonne Universités; Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche, Università degli Studi di Ferrara; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas, Universidad de Cantabria) - Glauberman, Phil (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia; Department of Early Prehistory and Quaternary Ecology, University of Tübingen) - Knul, Monika (Department of Archaeology, Anthropology and Geography, University of Winchester) - Karambaglidis, Teo (The Institute of Archaeology, The Hebrew University of Jerusalem; Department of Geological and Mining Engineering, University of Castilla-La Mancha) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia) - Malinksy-Buller, Ariel (The Institute of Archaeology, The Hebrew University of Jerusalem)

12:45 DISCUSSION SLOT

14:00 OCCUPATION SURFACES AND USE OF SPACE AT NEOLITHIC SVINJARIČKA ČUKA: A PILOT STUDY USING SOIL MICROMORPHOLOGY

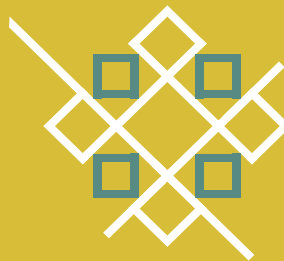
Webster, Lyndelle - Horejs, Barbara (Austrian Archaeological Institute, Austrian Academy of Sciences) - Cereda, Susanna (University of Innsbruck)

14:15 THE MICRO-STRATIGRAPHY OF CHALCOLITHIC TELLS FROM SOUTHEASTERN ROMANIA. CONSTRUCTION TECHNIQUES, RAW MATERIALS AND OCCUPATION SURFACES

Haita, Constantin (National Museum of Romania History)

14:30 DOMESTIC LIFE AT THE MICRO-SCALE: A GEOARCHAEOLOGICAL MICROCONTEXTUAL APPROACH TO CERRO DE SAN VICENTE IRON AGE VILLAGE (SALAMANCA, SPAIN)

Tomé, Laura (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna) - Iriarte, Eneko (Departamento de Historia, Geografía y Comunicación, Área de Paleontología, Facultad de Humanidades y Comunicación, Universidad de Burgos) - Jambrina-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna) - Égüez, Natalia (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna) - Herrera-Herrera, Antonio V. (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna) - Blanco-González, Antonio (Departamento de Prehistoria, Historia Antigua y Arqueología, Área de Prehistoria, Facultad de Geografía e Historia, Universidad de Salamanca) - Mallol, Carolina (Archaeological Micromorphology and Biomarkers Laboratory - AMBI Lab, Instituto Universitario de Bio-Orgánica "Antonio González", Universidad de La Laguna; Departamento de Geografía e Historia, UDI Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna; Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour - ICAREHB, Universidade do Algarve, Campus de Gambelas)



14:45 DISCUSSION SLOT

15:00 SPACE ORGANISATION AND ZONE OF ACTIVITIES ON THE EARLY MEDIEVAL HOMESTEAD AT POHANSKO (CZECHIA)

Přištáková, Michaela (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Adameková, Katarína (Department of Geological Sciences, Faculty of Sciences, Masaryk University) - Peřík, Jan (Department of Geological Sciences, Faculty of Sciences, Masaryk University) - Prokeš, Lubomír (Department of Physics, Chemistry and Vocational Education, Faculty of Education, Masaryk University)

15:15 INVESTIGATING OCCUPATIONAL SURFACES AND ARCHAEOLOGICAL RECORD FORMATION USING GROUND-PENETRATING RADAR AT A MEDIEVAL ANGKORIAN SITE, KOH KER, IN NORTHERN CAMBODIA

Attorre, Tiago (Flinders University) - Klassen, Sarah (Leiden University)

15:30 DECIPHERING NEANDERTHAL BEHAVIOURS: AN ARCHAEOSTRATIGRAPHIC AND SPATIAL INTERDISCIPLINARY APPROACH TO A HEARTH-RELATED ASSEMBLAGE FROM ABRIC DEL PASTOR (EASTERN IBERIA)

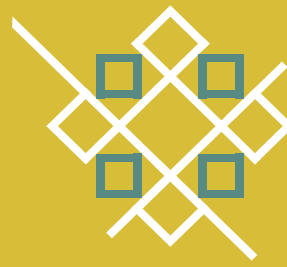
Sossa-Ríos, Santiago (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Mayor, Alejandro (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia, Història Antiga, Filologia Llatina i Filologia Grega; Facultat de Filosofia i Lletres, Universitat d'Alacant) - Bencomo, Mariel - Pérez, Leopoldo (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Galván, Bertila (Àrea de Prehistòria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna) - Mallol, Carolina - Hernández, Cristo (Àrea de Prehistòria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Vaquero, Manuel (Àrea de Prehistòria; Departament d'Història i Història de l'Art; Facultat de Lletres, Universitat Rovira i Virgili; Institut Català de Paleoeologia Humana i Evolució Social - IPHES)

15:45 DISCUSSION SLOT

POSTERS

A. FLOORS AND DEPOSITS IN LATE BRONZE AGE SETTLEMENTS IN SOUTHEASTERN HUNGARY: A MICROMORPHOLOGICAL APPROACH

Priskin, Annamária (Deri Múzeum) - Kovács, Gabriella (Hungarian National Museum) - Czukor, Péter (Móra Ferenc Múzeum) - Szeverényi, Vajk (Déri Múzeum)



241 ARCHAEOLOGY AS STUDY OF THE FUTURE

Time: Thursday 1 Sept, 14:00 - 18:30

Format: Session with keynote presentation and discussion

Organisers: Meier, Thomas (Kaete Hamburger Center for Apocalyptic and Post-Apocalyptic Studies, Heidelberg University; Institute for Pre- and Protohistory, Heidelberg University) - Holtorf, Cornelius (Heritage Futures | Archaeology, School of Cultural Sciences, Linnaeus University Kalmar) - Högberg, Anders (School of Cultural Sciences | Archaeology, Faculty of Arts and Humanities, Linnaeus University Kalmar)

PAPERS

14:00 ARCHAEOLOGY IS ABOUT THE FUTURE!

Meier, Thomas (University of Heidelberg, Kaete Hamburger Center for Apocalyptic and Post-Apocalyptic Studies)

14:15 ARCHAEOLOGY IS ALL ABOUT THE FUTURE

Criado-Boado, Felipe (INCIPIT-CSIC)

14:30 ARCHAEOLOGIES OF UNIMAGINED FUTURES

Wollentz, Gustav (The Nordic Centre of Heritage Learning and Creativity)

14:45 DISCUSSION SLOT

15:00 ARCHAEOLOGY AND CULTURE HERITAGE AS FUTURE-MAKING PRACTICES IN THE CONTEXT OF CLIMATE CHANGE (1)

Högberg, Anders (Linnaeus University; Palaeo-Research Institute, University of Johannesburg) - Holtorf, Cornelius (Linnaeus University)

15:15 ARCHAEOLOGY AND CULTURE HERITAGE AS FUTURE-MAKING PRACTICES IN THE CONTEXT OF CLIMATE CHANGE (2)

Holtorf, Cornelius - Högberg, Anders (Linnaeus University)

15:30 ARCHAEOLOGY AND ARTIFICIAL INTELLIGENCE. RELATIONS AND DEPENDENCES

Dzbynski, Aleksander (University of Warsaw; Zurich University)

15:45 DISCUSSION SLOT

16:30 ARCHAEOLOGISTS AS TIME TRAVELERS – CREATING UNIMAGINED FUTURES IN THE AGE OF THE ANTHROPOCENE

Schönicke, Julia (Institut für Vorderasiatische Archäologie, Freie Universität Berlin)

16:45 FUTURE SEASCAPES: SOME REFLECTIONS ON MARITIME HERITAGE

Albero Santacreu, Daniel - Domínguez García, Ariana (University of the Balearic Islands)

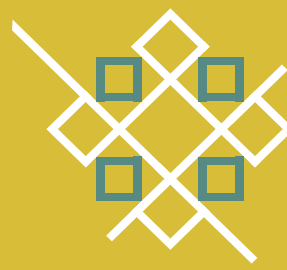
17:00 ARCHAEOLOGY AS AN IMPETUS FOR ARCHITECTURAL DESIGN

Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)

17:15 DOES THIS FIND TRANSFORM THE FUTURE? TAKING CARE FOR WHAT WE ENCOUNTER AT THE EDGE OF THE TROWEL.

Waldhart, Elisabeth (Department of Archaeologies, University of Innsbruck)

17:30 DISCUSSION SLOT



250 FROM LOCAL TO MICROREGIONAL AND BEYOND: SPATIAL STRUCTURES IN AND AROUND THE EARLY MEDIEVAL CARPATHIAN BASIN

Time: Thursday 1 Sept, 14:00 - 18:30

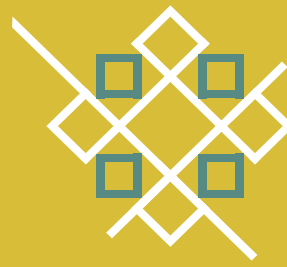
Format: Regular session

Organisers: Szenthe, Gergely (Hungarian National Museum) - Gáll, Erwin ("Vasile Pârvan" Institute of Archaeology, Bucharest) - Bugarski, Ivan (Institute of Archaeology, Belgrade)

PAPERS

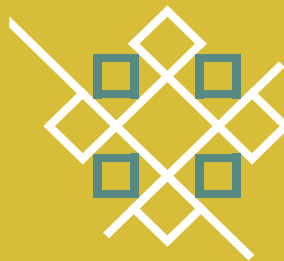
- 14:00 INTERACTIONS. THE AVARS IN THE VICINITY OF VIENNA**
Daim, Falko (Institute of Prehistoric and Historical Archaeology, University of Vienna; Institute of Medieval Research, Austrian Academy of Sciences) - Tobias, Bendeguz - Pohl, Walter (Institute of Medieval Research, Austrian Academy of Sciences) - Wang, Ke (Max Planck Institute for Evolutionary Anthropology Leipzig) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Berner, Margit - Pany-Kucera, Doris (Department of Anthropology, Natural History Museum Vienna) - Ingrová, Pavlina (Department of Archaeology and Museology, Masaryk University, Brno) - Eggert, Sabine (Department of Anthropology, Natural History Museum Vienna) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology Leipzig)
- 14:15 OBERLEISERBERG - FROM SUPRA-REGIONAL TO LOCAL AND BACK AGAIN**
Richards, Nina (Austrian Academy of Sciences)
- 14:30 "SCLAVI QUI DICUNTUR QUARANTANI" - SOCIAL SYSTEMS BETWEEN AVARS AND FRANKS**
Eichert, Stefan (Natural History Museum Vienna)
- 14:45 DISCUSSION SLOT**
- 15:00 SPACE USE IN SYRMIA DURING THE MIGRATION AND AVAR PERIODS**
Bugarski, Ivan (Institute of Archaeology, Belgrade)
- 15:15 BEYOND THE STRUCTURES: THE PROBLEM OF LACK OF BURIAL SITES IN EASTERN TRANSYLVANIA, NORTHERN-MUNTENIA AND -OLTENIA (7/8-10TH CENTURIES)**
Erwin, Gáll (Institute of Archaeology) - Hőgyes, Mihály Huba (Székely National Museum)
- 15:30 CENTRES ON THE PERIPHERY: A MICRO-REGIONAL APPROACH CONCERNING THE CEMETERIES IN TRANSYLVANIA BETWEEN THE 6TH AND 8TH CENTURY**
Dobos, Alpár (National Museum of Transylvanian History - Cluj-Napoca)
- 15:45 DISCUSSION SLOT**
- 16:30 NETWORK OF THE EARLY AND MIDDLE AVAR AGE CHRONOLOGY**
Samu, Levente - Blay, Adrienn (Institute of Archaeological Sciences, Eötvös Loránd University)
- 16:45 MAKE ME ONE OF THESE**
Šmalcelj Novakovic, Pia (Institute of Archaeology) - Rapan Papeša, Anita (Municipal museum Vinkovci)
- 17:00 IN THE CONTACT ZONE: REGIONALITY IN THE AVAR AGE MIDDLE TISZA REGION**
Horváth, Ádám (Institute of Archaeological Sciences, Eötvös Loránd University)
- 17:15 ANIMAL SKINS AS SIGNS OF SOCIAL STATUS? INTERPRETATION OF AN EARLY MEDIEVAL BURIAL CUSTOM IN EASTERN HUNGARY**
Gulyás, Bence (ELTE)
- 17:30 EVIDENCE OF GLASS BEAD PRODUCTION IN THE "LATE AVAR" PERIOD CARPATHIAN BASIN**
Fülöp, Réka (Hungarian National Museum / Magyar Nemzeti Múzeum) - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)

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- 17:45** **CHANGES IN THE COMPOSITION OF COPPER ALLOYS IN THE CARPATHIAN BASIN DURING THE LATE AVAR PERIOD**
Mozgai, Viktória (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH) - Szenthe, Gergely (Hungarian National Museum) - Villa, Igor (Centro Universitario Datazioni e Archeometria, Università di Milano Bicocca; Institute of Geology, Bern University) - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- 18:00** **BOUND BY BELTS. SOCIAL NETWORKS IN THE LATE AVAR PERIOD CARPATHIAN BASIN (LATE SEVENTH–EARLY NINTH CENTURY AD)**
Szenthe, Gergely - Soós, Bence (Hungarian National Museum)
- 18:15** **DISCUSSION SLOT**



252 BORDERLINE LITHICS: FROM SPATIAL PATTERNS TO SOCIAL PROCESSES DURING THE EUROPEAN NEOLITHIZATION [PAM]

Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Denis, Solène (Masaryk University; UMR 8068 TEMPS) - Defranould, Elsa (Université Côte d'Azur; UMR 7264 CEPAM) - Kačar, Sonja (University College Dublin, School of Archaeology; UMR 5608 TRACES) - Szilágyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology)

PAPERS

8:30 INTRODUCTION

8:45 MULTI-LAYER ANALYSIS AND THE IDENTIFICATION OF DIFFERENT BORDER[LINES]: IF ONE CROSSES THE LINE?

Denis, Solène (Masaryk University) - Defranould, Elsa (Université Côte d'Azur, UMR 7264 CEPAM) - Kačar, Sonja (University College Dublin, School of Archaeology) - Szilágyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology)

9:00 BETWEEN THE BALKANS AND THE MEDITERRANEAN: INTERACTIONS, INTEGRATIONS AND BORDERS DURING THE LATE MESOLITHIC AND EARLY NEOLITHIC OF SOUTH-EASTERN EUROPE

Kacar, Sonja (University College Dublin; TRACES, UMR 5608)

9:15 THE STONE INDUSTRY FROM THE LOWER VOLGA REGION SITES DURING THE NEOLITHIZATION

Vybornov, Alexander (-) - Kulkova, Marianna (-) - Giljazov, Filat (-)

9:30 MODES OF CHIPPED STONE TOOLS PRODUCTION OF THE EARLY FARMING SOCIETIES IN THE SOUTH OF THE EASTERN EUROPE

Kiosak, Dmytro (Ca' Foscari University of Venice)

9:45 UNDERSTANDING EARLY NEOLITHIC LOCAL COMMUNITIES THROUGH THEIR TECHNOLOGICAL TRADITIONS: THE DISTRIBUTION OF THE CASA MONTERO FLINT IN CENTRAL IBERIA

Castañeda, Nuria (Universidad Autónoma de Madrid) - Herrero-Alonso, Diego (Museo Arqueológico de Cacabelos; Universidad Autónoma de Madrid) - Cabrera-Taravillo, Cristina (Universidad Autónoma de Madrid) - Tarriño, Antonio (Universidad del País Vasco/Euskal Herriko Unibertsitatea) - Consuegra, Susana - Díaz-del-Río, Pedro (Consejo Superior de Investigaciones Científicas - CSIC)

10:00 CLASSIFYING BEHAVIOUR FROM ECOLOGICAL PATTERNS. A STUDY OF DIVERSITY IN EARLY NEOLITHIC SICKLES AND BOTANICAL REMAINS IN THE IBERIAN PENINSULA

Barrera-Cruz, María - García-Puchol, Oreto (Department of Prehistory, Archaeology and Ancient History. University of Valencia) - Cortell-Nicolau, Alfredo (Department of Archaeology. University of Cambridge) - García-Rivero, Daniel (Department of Prehistory and Archaeology. University of Seville)

10:15 DISCUSSION SLOT

11:00 OUTSIDE THE BOX – LITHIC ANALYSIS AS AN INDICATION OF EARLIEST LBK CROSSING CULTURAL BORDERLINES

Bauer, Lisa (University of Erlangen-Nürnberg)

11:15 NIGHTMARE AT THE BORDER: LIMINAL CONTACTS AND POROUS MARGINS DURING THE 6TH AND 5TH MILLENNIA IN SOUTHERN FRANCE.

Defranould, Elsa (CEPAM - UMR7264) - Galin, Wilfrid (Paléotime; UMR5608-TRACES) - Gibaja Bao, Juan Francisco (Escuela Española de Historia y Arqueología en Roma - EEHAR-CSIC, Consejo Superior de Investigaciones Científicas)

11:30 OBSIDIAN AND BLOND BALCANIC FLINT - SILEX SANS FRONTIÈRES?

Sommer, Ulrike (Institute of Archaeology, UCL)

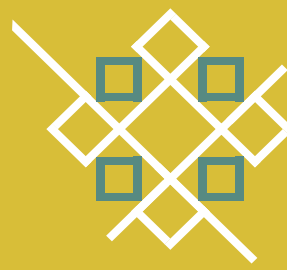
11:45 DISCUSSION SLOT

12:00 EXCHANGE NETWORK BORDERS AND TECHNICAL TRANSFERS ACROSS NEOLITHIC MIDDLE BELGIUM AROUND 4000 BCE

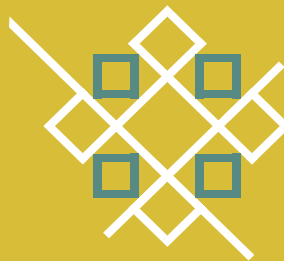
Collin, Jean-Philippe (Paris 1 University; Namur University)

12:15 SOME DIAGNOSTIC PHENOMENA AMONG STONE TOOLS IN THE HUNGARIAN NEOLITHIC

Farago, Norbert (Eotvos Lorand University, Institute of Archaeological Sciences)



- 12:30** **LITHICS AS PETRIFIED GATEWAYS BETWEEN SOCIAL-MATERIAL-TECHNOLOGICAL BORDERS**
Szilagyi, Kata (Kiel University)
- 12:45** **DISCUSSION SLOT**
- 14:00** **CHIPPED LITHICS VS POTTERY. DECIPHERING THE MATERIAL AND SOCIAL PAST IN THE NEOLITHIC OF THE POLISH TERRITORIES**
Nowak, Marek (Institute of Archaeology, Jagiellonian University, Kraków) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Brzeska-Zastawna, Agnieszka - Zakrzeńska, Justyna (Institute of Archaeology, Jagiellonian University, Kraków)
- 14:15** **LITHIC INDUSTRIE(S) AND STYLISTIC ENTITIES DURING THE EARLY NEOLITHIC (RUBANÉ) IN THE RHINE-MEUSE-SEINE BASINS**
Allard, Pierre - Delvigne, Vincent (CNRS-UMR 8068 TEMPS)
- 14:30** **DISCUSSION SLOT**



254 UNDERSTANDING THE DYNAMICS OF MAKING AND TRADING GOODS ACROSS MEDIUM AND LONG DISTANCES IN THE 2ND MILLENNIUM BC

Time: Thursday 1 Sept, 11:00 - 18:30

Format: Regular session

Organisers: Roberts, Benjamin (Department of Archaeology, Durham University) - Ialongo, Nicola (Georg-August-Universität Göttingen) - Williams, Alan - Badreshany, Kamal (Department of Archaeology, Durham University)

PAPERS

11:00 INTRODUCTION

11:15 "INTERLINKING EXCHANGE" : FIRST LESSONS FROM THE STUDY OF TEMPORALLY AND SPATIALLY FAR-REACHING RAW MATERIAL-EXCHANGE NETWORKS

Kerig, Tim - Hilpert, Johanna (ROOTS cluster of excellence CAU Kiel)

11:30 SCRAP FOR CASH: ASSIGNING MONEY A ROLE IN THE ECONOMY OF LATE PREHISTORIC EUROPE

Ialongo, Nicola (University of Goettingen)

11:45 DISCUSSION SLOT

12:00 DYNAMICS OF METAL PRODUCTION IN THE 2ND MILLENNIUM BC EURASIAN STEPPE

Calgario, Ilaria - Radivojević, Miljana - Altaweel, Mark (University College London - UCL)

12:15 THE DYNAMICS AND IMPACT OF MEDIUM AND LONG DISTANCE TRADE OF METALS IN THE 2ND MILL BC EURASIAN STEPPE

Radivojevic, Miljana (UCL Institute of Archaeology)

12:30 ON THE ROAD WITH MILLET: DISPERSAL OF BROOMCORN MILLET AND THE ECOLOGY OF ITS EARLY CULTIVATION IN EUROPE

Filipovic, Dragana (Christian Albrecht University Kiel) - Silva, Fabio Parracho - Vander Linden, Marc (Bournemouth University)

12:45 DISCUSSION SLOT

14:00 BRINED STORIES IN THE BRONZE AGE EAST OF THE CARPATHIANS (ROMANIA)

Bolohan, Neculai („Alexandru Ioan Cuza" University of Iași)

14:15 HOW SHOULD WE UNDERSTAND THE BRONZE AGE TIN TRADE IN EUROPE AND BEYOND?

Williams, Robert (Durham University) - Montesanto, Mariacarmela (University degli Studi di Firenze) - Ponting, Matthew (University of Liverpool) - Badreshany, Kamal - Roberts, Benjamin (Durham University)

14:30 CERAMIC TRANSPORT JARS AND THE EMERGENCE OF SOCIAL COMPLEXITY IN THE EARLY BRONZE AGE LEVANT

Badreshany, Kamal (Durham University)

14:45 DISCUSSION SLOT

15:00 WHAT WE THINK WE KNOW ABOUT TRADE BETWEEN THE AEGEAN AND OTHER PLACES DURING THE SECOND MILLENNIUM BC: A SUMMARY

Aulsebrook, Stephanie (University of Warsaw)

15:15 EMISSARIES, PRINCESSES AND TRINKETS: AMENHOTEP III SCARABS IN THE LATE BRONZE AGE AEGEAN AND WEST ANATOLIA

Frankovic, Filip (Institute for Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg) - Matić, Uroš (Austrian Archaeological Institute)

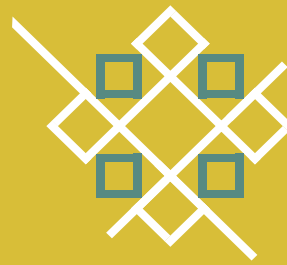
15:30 UNDERSTANDING WESTERN EUROPE "AMBER ROUTE" IN THE 4TH TO 2ND MILLENNIA BCE

Garcia, Galo - Garrido-Cordero, José Ángel (Department of Prehistory and Archaeology - University of Seville) - Odriozola, Carlos P. (Department of Prehistory and Archaeology - University of Seville; UNIARQ - University of Lisbon)

15:45 DISCUSSION SLOT

16:30 THE RISE OF SOUTH BOHEMIA: THE IMPACT OF EARLY BRONZE AGE TRADE NETWORKS

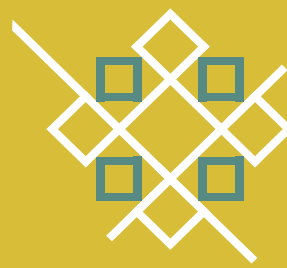
Hlásek, Daniel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Chvojka, Ondřej (Institute of Archaeology, University of South Bohemia in České Budějovice) - Ernée, Michal (Institute of Archaeology of the Czech Academy of Sciences, Prague)



- 16:45** **TEXTILES AND TRADE DURING THE 2ND MILLENNIUM BCE: A CASE STUDY OF BRITAIN IN ITS WIDER EUROPEAN CONTEXT**
Harris, Susanna (University of Glasgow)
- 17:00** **LEAD ISOTOPES AND CHEMICAL COMPOSITION OF SILVER REVEAL DEVELOPMENTS IN THE MEDITERRANEAN METAL TRADE DURING THE BRONZE AND IRON AGES**
Eshel, Tzilla (University of Haifa)
- 17:15** **DISCUSSION SLOT**
- 17:30** **FIRST EVIDENCE OF ATMOSPHERIC TIN POLLUTION IN PREHISTORY: A PROXY TO UNDERSTAND THE PRODUCTION AND CIRCULATION OF METALS?**
Silva-Sánchez, Noemí (Instituto de Ciencias del Patrimonio, Incipit-CSIC) - Martínez Cortizas, Antonio (Ecopast Research Group, Universidade de Santiago de Compostela) - Armada, Xose-Lois (Instituto de Ciencias del Patrimonio, Incipit-CSIC)
- 17:45** **WHAT MAKES A WORKSHOP? CERAMIC PRODUCTION IN LATE BRONZE AND IRON AGE IBERIA**
de Groot, Beatrijs (The University of Edinburgh)
- 18:00** **GLOCAL COMMUNITIES IN LATE BRONZE AGE SOUTHWEST EUROPE**
Díaz-Guardamino Uribe, Marta (Durham University)
- 18:15** **DISCUSSION SLOT**

POSTERS

- A.** **BOOT-SHAPED VESSELS AND POTTERY DECORATED WITH BRONZE BUTTONS: CONTACTS BETWEEN THE DANUBE REGION AND VENETO IN THE LATE BRONZE**
Jankovits, Katalin (Pázmány P. Catholic University)



257 BIG PROJECT, BIG DATA: CREATING A WEB OF KNOWLEDGE

Time: Thursday 1 Sept, 8:30 - 15:30

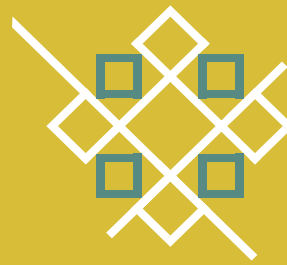
Format: Regular session

Organisers: Plunkett, Emily (High Speed Two - HS2) - Schweitzer, Holger (Jacobs)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 BIG DATA AND LOTS OF DATA ARE NOT THE SAME THINGS: SMALL DATA SOURCES IN THE SOCIAL SCIENCE OF ARCHAEOLOGISTS**
Aitchison, Kenneth (Landward Research Ltd)
- 9:00 ONE ARCHIVE, MANY WINDOWS**
Green, Katie - Zoldoske, Teagan - O'Brien, Jenny (Archaeology Data Service)
- 9:15 REALLY SAYING SOMETHING? MAKING HISTORIC CHARACTERISATION MORE ACCESSIBLE**
Conway, Melissa (LUC)
- 9:30 DISCUSSION SLOT**
- 9:45 COLLECTING INFORMATION AND DEVELOPING NARRATIVES: THE USE OF DATA ON HS2 PHASE 1, UK**
Halsted, John (HS2 Ltd; Atkins)
- 10:00 METADATA FOR DISCOVERY - PLANNING FOR AN INFORMATION NETWORK**
Zoldoske, Teagan - Green, Katie - O'Brien, Jenny (Archaeology Data Service)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOLOGISTS, HUNTER-GATHERERS OF DIGITAL DATA**
Urankar, Rafko (PJP d.o.o.) - Krajšek, Jure (The Celje Regional Museum) - Lipovec, Boris (Abacus BL d.o.o.)
- 11:15 OLD TECH'S NEW WAVE – WHY ARCHAEOLOGISTS SHOULD GET FAMILIAR WITH RTI ONE MORE TIME. A NEA PAPHOS EXAMPLE**
Lech, Pawel (Polish Centre of Mediterranean Archaeology, University of Warsaw) - Kłębowski, Marcin - Bełdyga, Michał - Ostrowski, Wojciech - Wilk, Łukasz (Warsaw University of Technology)
- 11:30 VISUALISING HERITAGE: USING 3D IMMERSIVE TECHNOLOGIES TO INNOVATE, DOCUMENT AND COMMUNICATE RICH NARRATIVES FOR HS2**
Wilson, Andrew - Sparrow, Thomas (University of Bradford)
- 11:45 DISCUSSION SLOT**
- 12:00 SUEDLINK – THE CHALLENGES OF MANAGING CULTURAL HERITAGE A NATIONAL INFRASTRUCTURE PROJECT IN A FEDERAL ENVIRONMENT**
Schweitzer, Holger (Jacobs)
- 12:15 THE ROLE OF BIM AND GIS IN HS2 ARCHAEOLOGICAL DATA MANAGEMENT**
Plunkett, Emily - Aryankhesal, Fred Farshid (HS2)
- 12:30 ORPHANED HERITAGE: COLLATING DATA IN A BLIND QUANTITATIVE MANNER**
Evans, Daniel (Arcadis)
- 12:45 DISCUSSION SLOT**
- 14:00 A HIDDEN STORY: HERITAGE IN THE DESIGN ENVIRONMENT**
Farr, Sarah-Jane (HS2)
- 14:15 ARCHAEOLOGY DATASETS AND MAJOR INFRASTRUCTURE PLANNING AND CONSTRUCTION**
Carver, Jay (4AD Consultants Ltd)
- 14:30 DISCUSSION SLOT**

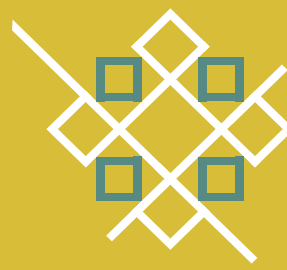
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POSTERS

- A. ARQUEOPLANT: A NEW NETWORK OF RESEARCHERS AND A TOOL FOR THE DISSEMINATION OF ARCHAEOBOTANY IN THE IBERIAN PENINSULA**
Alonso, Natàlia (Universitat de Lleida) - Carrión, Yolanda (Universitat de València) - Livarda, Alexandra (Institut Català d'Arqueologia Clàssica) - Morales, Jacob (Universidad de Las Palmas de Gran Canaria) - Peña-Chocarro, Leonor (Instituto de Historia - CCHS-CSIC) - Pérez-Jordà, Guillem (Universitat de València) - Voltas, Jordi (Universitat de Lleida)



260 WHOSE POT IS IT ANYWAY? STYLE, INFLUENCE, INTEGRATION AND MEANING IN EUROPEAN CERAMICS

Time: Thursday 1 Sept, 11:00 - 18:30

Format: Regular session

Organisers: Hall, Derek (Independent Researcher) - Casimiro, Tania (NOVA University Lisbon) - Wennberg, Tom (Goteborgs Stadsmuseum) - Witte, Frauke (Museum of Southern Jutland)

PAPERS

11:00 INTRODUCTION

11:15 "KERNOI" OF ENEOLITHIC-EARLY IRON AGE IN THE NORTHERN BLACK SEA REGION

Makhortykh, Sergey - Kotova, Nadia (Institute of Archaeology Ukrainian Academy of Sciences, Kiev)

11:30 WHOSE URN IS IT ANYWAY?

Kovacic, Ana (Independent researcher) - Stemberger Flegar, Kaja (PJP d.o.o.)

11:45 EARLY MODERN MERCURY PRODUCTION AT IDRİJA, SLOVENIA: RESULTS FROM THE EXCAVATION AT THE MERCURY ORE ROASTING SITES

Kawashima, Takamune (Hiroshima University Museum) - Rupnik, Janez (Avgusta, d.o.o) - Hudson, Mark (Max Planck Institute for the Science of Human History) - Uchiyama, Junzo (Sainsbury Institute) - Pelloli, Claudio (Independent Researcher)

12:00 ACCULTURATION, ASSIMILATION, CONNECTIVITY IN THE EARLY MEDIEVAL CARPATHIAN BASIN: CASE STUDIES FROM THE POTS POINT OF VIEW

Hajnal, Zsuzsanna (Hungarian National Museum / Magyar Nemzeti Múzeum)

12:15 THE INFLUENCE OF THE VISTULA TRADING ROUTE ON THE DISTRIBUTION OF CERAMIC VESSELS IN POST-MEDIEVAL POLAND

Starski, Michal (University of Warsaw, Faculty of Archaeology)

12:30 A WHITER SHADE OF CLAY. MEDIEVAL AND POST-MEDIEVAL WHITEWARE POTS NORTH OF THE CARPATHIANS – AN OVERVIEW

Trzeciacki, Maciej (Instytut Archeologii i Etnologii Polskiej Akademii)

12:45 DISCUSSION SLOT

14:00 THE (IN)VISIBLE COOKING POT: SOME THOUGHTS ON KITCHENWARES IN MEDIEVAL TARTU (ESTONIA)

Haak, Arvi (Tartu City Museum; University of Tartu, Department of Archaeology and History)

14:15 UNCONSCIOUS SIGNALLING: MIGRATION AND APPROPRIATION IN THE DIVERSE POTTERY-MAKING TRADITIONS OF THE WESTERN BALKANS

Carlton, Richard (University of Newcastle) - Djordjevic, Biljana (National Museum of Serbia in Belgrade)

14:30 TRANSFER OF FASHION – THE SLOW NORTH?

Witte, Frauke (Museum of Southern Jutland)

14:45 THE DISTRIBUTION OF ANABAPTIST FAIENGE IN THE HABSBURG MONARCHY

Blažková, Gabriela (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

15:00 FAIENGE PRODUCTION IN SCANDINAVIA - A BRANCH OF THE EUROPEAN TIN-GLAZED EARTHENWARE TREE

Wennberg, Tom (Museum of Gothenburg)

15:15 HOW A WORKING-CLASS COMMUNITY IN 19TH CENTURY COPENHAGEN ACCESSED A GLOBAL CERAMIC STYLE – INTERPRETATIONS OF A LARGE POTTERY ASSEMBLAGE

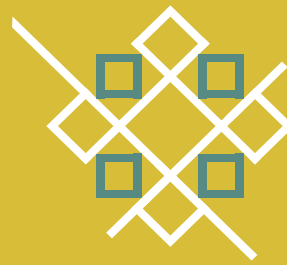
Keenan, Samuel (Museum of Copenhagen)

15:30 DISCUSSION SLOT

16:30 "TRACING BACK YOUR POT": PUNIC-ROMAN FOODWAYS AND CERAMICS AND THEIR PERMANENCE IN SOUTHERN IBERIA UNTIL NOWADAYS

Sánchez Moral, Carmen María (Universidad Autónoma de Madrid)

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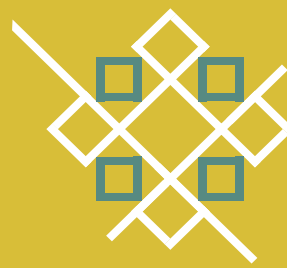


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- 16:45** **GUESS WHO'S COMING TO DINNER? CERAMIC FORM AND STYLE IN MEDIEVAL SCOTLAND, A REFLECTION OF DIETARY CHANGE AND EXTERNAL INFLUENCE**
Hall, Derek (Independent Consultant)
- 17:00** **FROM THE MEDITERRANEAN TO THE BALTIC: THE SPREAD OF USE AND PRODUCTION OF LEAD GLAZED EARTHENWARE**
Langkilde, Jesper (Roskilde Museum)
- 17:15** **THE INS AND OUTS OF EUROPEAN EARLY MODERN TIN GLAZE WARE: TECHNIQUES, AESTHETICS, AND IDENTITY**
Casimiro, Tania (CFE HTC - Nova University of Lisbon)
- 17:30** **DISCUSSION SLOT**

POSTERS

- A.** **SMALL CERAMIC VESSELS IN THE CHEESE-MAKING PROCESS - FROM THE NEOLITHIC TO THE MODERN ERA**
Zdeb, Katarzyna - Żurek, Magdalena (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw)



268 HUMAN REMAINS: BETWEEN OBJECTS OF SCIENCE AND LIVED LIVES. TOWARD A NEW ETHICS FOR HUMAN REMAINS IN ARCHAEOLOGY

Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Nilsson Stutz, Liv (Linnaeus University) - Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University) - Tarlow, Sarah (University of Leicester)

PAPERS

8:30 INTRODUCTION

8:45 HANDLE WITH CARE. THEORET(H)ICAL ISSUES ON HUMAN REMAINS

Nicolis, Franco (Archaeological Heritage Office Trento)

9:00 CARING FOR THE DEAD: COULD ETHICAL CONSIDERATIONS FROM MEDICOLEGAL CONTEXTS HELP ELUCIDATE THE ETHICS OF RESEARCH ON ARCHAEOLOGICAL HUMAN REMAINS?

Nilsson Stutz, Liv (Linnaeus University) - Mickleburgh, Hayley (Department of Cultural Sciences, Linnaeus University, Växjö, Sweden; Forensic Anthropology Center, Texas State University)

9:15 WHOSE ETHICS? ARCHAEOLOGISTS, THE DEAD AND THE DIFFERENT ARCHAEOLOGICAL MENTALITIES

Rajala, Ulla (Stockholm University)

9:30 DISCUSSION SLOT

9:45 THE NAMES OF THE DEAD: IDENTITY, INDIVIDUALISATION AND THE ETHICS OF ANONYMITY IN EXHIBITING THE DEAD BODY

Tarlow, Sarah (School of Archaeology and Ancient History)

10:00 CHALLENGES OF STUDYING POST-MEDIEVAL HUMAN REMAINS IN FINLAND

Moilanen, Ulla - Paasikivi, Sofia (University of Turku)

10:15 DISCUSSION SLOT

11:00 ANCIENT DNA, ETHICAL PRACTICES, AND THE ROLES OF INSTITUTIONS THAT HOLD HUMAN REMAINS: SOME COMMENTS FROM A BRAZILIAN PERSPECTIVE

Martinez Okumura, Maria Mercedes - Raimundo, Gabriel (University of Sao Paulo)

11:15 BUT, YOU WILL STILL SHOW THE GRAVE IN THE NEW EXHIBITION, RIGHT?

Nilsson, Per (The County Museum of Östergötland)

11:30 A MODERN-DAY „MEMENTO MORI” OR MANIFESTATIONS OF IGNORANCE – ARCHAEOLOGICAL HUMAN REMAINS ON DISPLAY

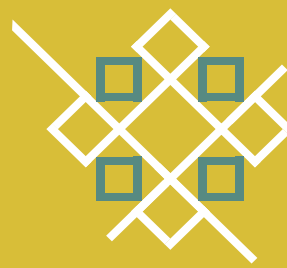
Jastrzebska, Emilia (University of Warsaw)

11:45 HUMAN REMAINS IN SWEDISH MUSEUMS. A STUDY OF PRACTICES, DECISION MAKING AND THE VALUES THAT UNDERLIE THEM

Nilsson Stutz, Liv (Linnaeus University)

12:00 DISCUSSION - ALEXANDER GRAMSCH

12:15 DISCUSSION SLOT



280 POTTERY AND IDENTITY IN THE EUROPEAN NEOLITHIC: THE INTERPRETATIVE PATH BETWEEN ARCHAEOLOGICAL FEATURES AND (PRE)HISTORICAL NARRATIVES

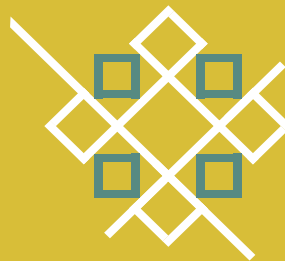
Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

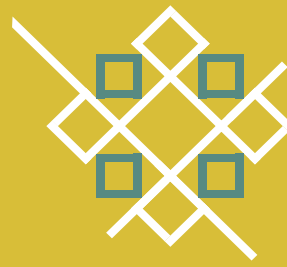
Organisers: García-Martínez De Lagrán, Íñigo (UNED - National Distance Education University) - Molina Balaguer, Lluís (Universidad de Valencia) - Manen, Claire (CNRS) - Carvalho, Antonio F. (Universidade do Algarve) - Gomart, Louise (CNRS)

PAPERS

- 8:30 POTTERY IN THE CONTEXT: RAKUSHECHNY YAR EARLY NEOLITHIC CERAMIC ASSEMBLAGE (LOWER DON BASIN)**
 Dolbunova, Ekaterina (-) - Mazurkevich, Andrey (-) - Kulkova, Marianna (-) - Bondetti, Manon (BioArCh, Department of Archaeology, University of York) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation) - Lucquin, Alexandre (BioArCh, Department of Archaeology, University of York) - Craig, Oliver E. (BioArCh, Department of Archaeology, University of York) - Heron, Carl P. (Department of Scientific Research, The British Museum)
- 8:45 CONSIDERATIONS ON THE ROLE OF POTTERY RAW MATERIALS MANAGEMENT STRATEGIES IN THE DEFINITION OF SIGNIFICANT (PRE)HISTORICAL ENTITIES**
 Clop García, Xavier (ARCHAEOM, Department of Prehistory, Autònoma de Barcelona University)
- 9:00 SURFACE TREATMENT: A REVIEW OF THE CONCEPT AND ITS IMPLICATIONS FOR THE PRODUCTION PROCESS OF PREHISTORIC POTTERY**
 Díaz-Bonilla, Sara (Universitat Autònoma de Barcelona) - Clemente-Conte, Ignacio (IMF-CSIC) - Gassiot-Ballbè, Ermengol (Universitat Autònoma de Barcelona) - Rey-Lanaspa, Javier (Gobierno de Aragón) - Clop-García, Xavier (Universitat Autònoma de Barcelona)
- 9:15 MODELLING THE CLAY: POTTERY TECHNOLOGY DURING THE NEOLITHIC AT ELS TROCS CAVE (HUESCA, SPANISH PYRENEES)**
 Quevedo-Semperena, Izaro - Tejedor-Rodríguez, Cristina (Universidad de Valladolid) - Cubas Morera, Miriam (Universidad de Alcalá; Sociedad de Ciencias Aranzadi) - García Martínez de Lagrán, Íñigo (UNED, Universidad Nacional de Educación a Distancia) - Royo-Guillén, José Ignacio (Gobierno de Aragón) - Garrido Pena, Rafael (Universidad Autónoma de Madrid) - Arcusa Magallón, Héctor (Independent researcher) - Rojo-Guerra, Manuel Ángel (Universidad de Valladolid)
- 9:30 TECHNOLOGICAL INNOVATIONS IN THE MOUNTAINS: NEOLITHIC POTTERY IN THE WESTERN PYRENEES**
 Santamaria, Urko (University of the Basque Country) - Gehres, Benjamin (UMR 6566 CReAAH - CNRS - Université de Rennes 1) - Cava, Ana - Barandiaran, Ignacio - Mujika-Alustiza, José Antonio (University of the Basque Country) - Cubas, Miriam (Universidad de Alcalá. Sociedad de Ciencias Aranzadi)
- 9:45 TECHNOLOGICAL RECIPES DURING THE NEOLITHIC: THE POTTERY ASSEMBLAGE FROM EL PORTALÓN DE CUEVA MAYOR (ATAPUERCA, SPAIN)**
 Francés, Marta (Laboratio Evolución Humana, Universidad de Burgos; Área de Prehistoria, Universidad de Alcalá) - Iriarte, Eneko - Pérez-Romero, Amalia (Laboratio Evolución Humana, Universidad de Burgos) - Cubas, Miriam (Área de Prehistoria, Universidad de Alcalá) - Carrancho, Ángel (Área de Prehistoria, Universidad de Burgos) - Arsuaga, Juan Luis (Centro Mixto UCM-ISCI; Universidad Complutense de Madrid) - Carretero, José Miguel (Laboratio Evolución Humana, Universidad de Burgos)
- 10:00 DISCUSSION SLOT**
- 11:00 "CHOOSING MY TEMPER": NEOLITHIC POTTERY TECHNOLOGY IN THE SOUTHEAST OF THE CENTRAL PLATEAU (SPAIN)**
 Lozano-López, Néstor (Universidad Nacional de Educación a Distancia - UNED) - Sánchez Carro, Miguel Ángel (Universidad de Cantabria - IIIIPC) - Mingo, Alberto (Universidad Nacional de Educación a Distancia - UNED) - Cubas, Miriam (Universidad de Alcalá; Sociedad de Ciencias Aranzadi)
- 11:15 THE DEMISE OF THE LBK AS A TRANSFORMATION. A LOOK FROM THE PERSPECTIVE OF POTTERY. THE EXAMPLE OF LESSER POLAND**
 Czerniak, Lech - Michalak, Katarzyna - Połczyński, Łukasz (University of Gdańsk) - Zastawny, Albert (Archaeological Museum in Kraków)



- 11:30** **FIRST INSIGHTS INTO POTTERY FORMING DURING THE EARLY NEOLITHIC IN THE IBERIAN PENINSULA: NEW DATA FROM EL TORO AND FRARE CAVES**
Cámara Manzaneda, Javier - Clop García, Xavier (ARCHAEOM, Department of Prehistory, Universitat Autònoma de Barcelona) - García Rosselló, Jaume (ArqueoUIB, Department of Historical Sciences and Art Theory, Universitat de les Illes Balears) - Camalich Massieu, María Dolores (Department of Geography and History, Universidad de La Laguna) - Martín Cóllica, Araceli (Servei d'Arqueologia i Paleontologia, Generalitat de Catalunya) - Martín-Socas, Dimas (Department of Geography and History, Universidad de La Laguna)
- 11:45** **POTTERY AND ROCK ART IN NORTHERN PORTUGAL AND THE LOWER DOURO BASIN. CONSIDERATIONS ON COMMUNITARIAN IDENTITIES DURING THE NEOLITHIC**
Sanches, María (FLUP- CITCEM)
- 12:00** **THE NEW CLASSIFICATION OF THE NEOLITHIC CERAMICS FOR TRACING THE CROSS-CULTURAL INFLUENCE IN THE MIDDLE AND LOW DNIÉPER REGION**
Andriiovych, Marta (Institut für Archäologische Wissenschaften)
- 12:15** **GEOMETRY IN POTTERY DECORATIONS AS A CULTURAL BOUNDARY PROXY**
Escribá Ruiz, M^a Pilar - Jiménez-Puerto, Joaquín (Universitat de València, Facultat de Geografia i Història)
- 12:30** **DISCUSSION SLOT**
- 14:00** **ICONOGRAPHY, TECHNIQUES AND TOOLS OF POTTERY AS DISTINGUISHING FACTORS OF IDENTITY IN THE WESTERN MEDITERRANEAN EARLY NEOLITHIC**
García-Martínez De Lagrán, Íñigo (UNED) - Molina Balaguer, Lluís (Universidad de Valencia) - Arcusa Magallón, Héctor (Independent researcher; Arcadia-FUNGE - UVa) - Bernabeu Aubán, Joan (Universidad de Valencia) - Labor-da Lorente, Rafael (Independent researcher) - Manen, Claire (CNRS) - Quevedo Semperena, Izaro - Rojo Guerra, Manuel A. (Universidad de Valladolid)
- 14:15** **POTTERY AND IDENTITY IN THE MIDDLE NEOLITHIC: PRODUCTION AND DISTRIBUTION IN SOUTHWEST IBERIA**
Neves, César (UNIARQ – Centre for Archaeology at the University of Lisbon; AAP - Association of Portuguese Archaeologists)
- 14:30** **DWELLING WITH THE IMAGES FROM THE ANCESTORS. THE DECORATED POTTERY OF REGADAS – TUA VALLEY, NORTHERN PORTUGAL.**
Teixeira, Joana (CITCEM-Transdisciplinary Research Centre «Culture, Space and Memory»/ Faculty of Arts and Humanities, University of Porto)
- 14:45** **DISCUSSION SLOT**
- POSTERS**
- A.** **THE CONTRIBUTION OF CERAMIC DECORATED TO UNDERSTANDING THE DYNAMICS OF CHALCOLITHIC COMMUNITIES: BETWEEN ESTREMADURA AND ALENTEJO (PORTUGAL)**
Pereira Rocha, Leonor Maria (Universidade de Évora; CEAACP/UAlg) - Branco, Gertrudes (CHAIA/ Universidade de Évora)



285 GENDER DYNAMICS AT THE DAWN OF THE CLASSICAL WORLD: AN INDIGENOUS PERSPECTIVE [AGE]

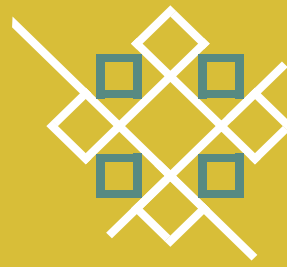
Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Saltini Semerari, Giulia (University of Michigan) - Ferrer, Merixtell (Universitat Pompeu Fabra) - López-Bertran, Mireia (Universitat de València)

PAPERS

- 8:30** **MERCHANTS AND WIVES. STORIES OF ROMANISATION IN PANNONIA**
Szabó, Melinda (MTA - ELTE Research Group for Interdisciplinary Archaeology)
- 8:45** **GENDER AND INTERCULTURAL DYNAMICS IN IRON AGE CAMPANIA**
Cuozzo, Mariassunta (Università del Molise Italy)
- 9:00** **TRACKING VARIATIONS IN GENDER-ROLE PATTERNS. WOMEN AND SOCIO-ECONOMIC DEVELOPMENTS IN CENTRAL AND SOUTHERN ITALY**
Desiderio, Anna Maria (Université Paris Nanterre; Università degli studi di Salerno) - Esposito, Arianna (Université Bourgogne Franche-Comté)
- 9:15** **GENDER DYNAMICS AND THE ORIGIN OF THE POLIS IN BASILICATA**
Saltini Semerari, Giulia (University of Michigan)
- 9:30** **FROM THE COLLECTIVE TO THE INDIVIDUAL: POWER AND GENDER DYNAMICS IN WESTERN SICILY, 9TH-6TH CENTURIES BC**
Ferrer-Martín, Merixtell (Universitat Pompeu Fabra)
- 9:45** **THE SACRED WELL OF SANTA CRISTINA: CULT AND SYMBOLS**
Carta, Arianna (Università del Litorale di Capodistria)
- 10:00** **HAVE YOU MET MY WIFE? GENDER AND LATE NURAGIC SARDINIANS**
Hayne, Jeremy (Università Cattolica del Sacre Cuore)
- 10:15** **DISCUSSION SLOT**
- 11:00** **ENGENDERING THE "ORIENTALIZING" KOINE: GENDER DYNAMICS AND BODILY CAPITAL IN THE EARLY IRON AGE OF SOUTHERN PORTUGAL (7TH-5TH CENTURIES BCE)**
Gomes, Francisco (University of Lisbon)
- 11:15** **ENGENDERING BODIES AND OBJECTS IN PLACES OF INTERACTION IN THE EARLY IRON AGE IBERIAN PENINSULA**
López-Bertran, Mireia (Universitat de València) - Vives-Ferrándiz, Jaime (Museu de Prehistòria de València)
- 11:30** **CONNECTING GENDER BETWEEN ISLANDS: SOCIAL, ECONOMIC AND GENDER RELATIONS BETWEEN THE PUNIC ORBIT AND THE INDIGENOUS BALEARIC SOCIETIES (550-123 B.C.E.)**
Torres Gomariz, Octavio (Universitat d'Alacant; Universitat de Barcelona)
- 11:45** **DISCUSSION SLOT**
- 12:00** **JEWELLERY AND ORNAMENTATION IN ANCIENT SOUTH-EAST ITALY: AN INSIGHT INTO GENDER AND CULTURAL ENGAGEMENT FROM THE 6TH-4TH CENTURIES BC**
Newland, Tayla (University of Sydney)
- 12:15** **EROTIC IMAGERY IN THE EASTERN ALPS AND ADRIATIC DURING THE 6TH/5TH CENTURY AS MANIFESTATIONS OF ELITE WOMEN'S AUTHORITY AND AGENCY.**
Nebelsick, Louis D. (Unwersytet Kardynala Stefana Wyszyńskiego w Warszawie)
- 12:30** **A STUDY OF GOLD AND SILVER APPLIQUES OF SCYTHIAN GARMENTS**
Lifantii, Oksana (National Museum of History of Ukraine)
- 12:45** **DISCUSSION SLOT**

**320** **ARCHAEOLOGIES OF DISPLACEMENT HERITAGE, MEMORY, MATERIALITY**

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Munawar, Nour A. (Brown University) - Symonds, James (University of Amsterdam - UvA)

PAPERS

16:30 **INTRODUCTION**

16:45 **OUT OF SIGHT: STRANDED BETWEEN POLAND AND BELARUS. NARRATIVES AND MATERIAL REMAINS OF A FUGUE**

Marraccini, Camilla (Alma Mater Studiorum) - Cavazzini, Silvia (Gandhi charity)

17:00 **GERMANS ON THE RUN. ON GERMAN DISPLACEMENT DURING WORLD WAR II AND ITS AFTERMATH**

de Vos, Julie (Museum Skanderborg)

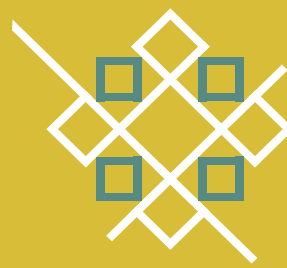
17:15 **ENVISIONING MIGRATION FLOWS IN THE LANDSCAPE: MATERIAL CULTURE AND ORAL TESTIMONIES FROM THE MIGRANT HOLDING FACILITY "REGINA PACIS" SOUTHEASTERN, ITALY**

Farina, Emma - Iacono, Francesco (Dipartimento di Storia Cultura e Civiltà, University of Bologna)

17:30 **"EVERYTHING WAS LOST, BUT GIMMICKS REMAINED" MEMORIES AND LIVELIHOOD OF KARELIAN INTERNALLY DISPLACED PEOPLE AFTER WW II**

Kauhanen, Riku (University of Turku)

17:45 **DISCUSSION SLOT**



321 HUMAN RESILIENCE DURING EURASIAN PALEOLITHIC AND MESOLITHIC FROM A BIOARCHAEOLOGICAL PERSPECTIVE [PAM]

Time: Thursday 1 Sept, 8:30 - 16:00

Format: Regular session

Organisers: MARIN-ARROYO, ANA (EvoAdapta Group. University of Cantabria) - Cristiani, Emmanuela (DANTE Group - Sapienza University of Rome)

PAPERS

8:30 INTRODUCTION

8:45 MODELLING ENVIRONMENTS AND CLIMATIC CONDITIONS DURING THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN NORTHERN IBERIA

Fernández García, Mónica - Vidal-Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer R. (School of Natural Sciences, University of Lancashire; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria)

9:00 FLUCTUATIONS OF TROPHIC RESOURCES DURING THE MIDDLE TO UPPER PALAEOOLITHIC IN IBERIA

Vidal Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Ocio, David (Mott MacDonald Ltd) - Marín-Arroyo, Ana (EvoAdapta I+D+i Group, Dpto. Ciencias Históricas, Universidad de Cantabria)

9:15 THE EARLY UPPER PALEOLITHIC OCCUPATIONS AT LA GARMA A (NORTHERN IBERIA): PRELIMINARY RESULTS OF THEIR SUBSISTENCE STRATEGIES.

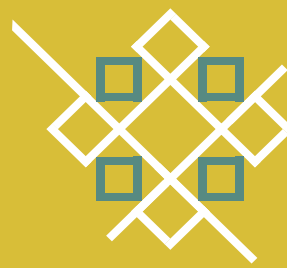
Sanz Royo, Alicia - Marín-Arroyo, Ana (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Arias Cabal, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria – IIIIPC - Universidad de Cantabria, Santander, Gobierno de Cantabria) - Agudo Pérez, Lucía (Grupo de I+D+i EVOADAPTA, Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Ontañón, Roberto (Museo de Prehistoria y Arqueología de Cantabria; Instituto Internacional de Investigaciones Prehistóricas de Cantabria – IIIIPC - Universidad de Cantabria, Santander, Gobierno de Cantabria)

9:30 LATE NEANDERTHAL SUBSISTENCE AND PALEOECOLOGY STRATEGIES AT SAN BERNARDINO CAVE (NE ITALY) DURING MIS 3

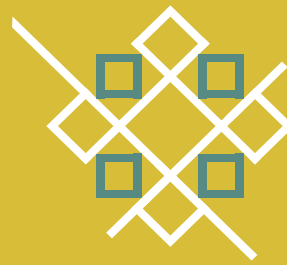
Terlato, Gabriele (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria; Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche) - Marín-Arroyo, Ana - Fernandez Garcia, Monica (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer (University of Central Lancashire, School of Natural Sciences; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Peresani, Marco (Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche)

9:45 FAUNAL EXPLOITATION AT RIPARO MEZZENA (VERONA, ITALY)

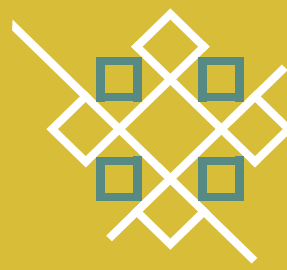
Thun Hohenstein, Ursula (University of Ferrara)



- 10:00 HOW TO ASSESS HUMAN RESILIENCE THROUGH THE PALEOLITHIC DIET**
 Marín-Arroyo, Ana - Terlato, Gabriele (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Vettese, Delphine (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria; Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche) - Fernández-García, Monica (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Jones, Jennifer (University of Central Lancashire, School of Natural Sciences; Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Vidal-Cordasco, Marco (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Peresani, Marco (Università degli Studi di Ferrara, Dipartimento degli Studi Umanistici, Sezione di Scienze Preistoriche e Antropologiche)
- 10:15 DISCUSSION SLOT**
- 11:00 NEANDERTHAL ECOLOGY AT LAPA DO PICAREIRO: A STABLE ISOTOPE STUDY OF UNGULATE TOOTH ENAMEL**
 Carvalho, Milena (University of New Mexico; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Jones, Emily (University of New Mexico) - Ellis, M. Grace (Colorado State University; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Cascalheira, João - Bicho, Nuno (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Benedetti, Michael (University of North Carolina Wilmington; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Friedl, Lukas (University of West Bohemia; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve) - Haws, Jonathan (University of Louisville; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, Universidade do Algarve)
- 11:15 LATE PLEISTOCENE SUBSISTENCE STRATEGIES AT ABRI KONTIJA 002 SITE (ISTRIA, CROATIA)**
 Radovic, Sinisa (Institute for Quaternary Palaeontology and Geology, Croatian Academy of Sciences and Arts, Zagreb) - Janković, Ivor (Institute for Anthropological Research, Centre for Applied Bioanthropology, Zagreb) - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria)
- 11:30 THE ROLE OF MARINE RESOURCES DURING THE LAST GLACIAL MAXIMUM IN N IBERIA: RECONSTRUCTING THE SEASONAL SHELLFISH COLLECTION PATTERNS**
 García-Escárzaga, Asier (Department of Human Sciences, University of La Rioja; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Arniz-Mateos, Rosa - Suárez-Revilla, Roberto - Gutiérrez-Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Duarte, Elsa - de la Rasilla, Marco (Department of History, University of Oviedo)
- 11:45 USE OF PEPTIDE MASS FINGERPRINTING TO ASSESS HUMAN SUBSISTENCE BEHAVIOUR AT LA VIÑA ROCK SHELTER DURING MIS 2**
 Torres-Iglesias, Leire (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - Welker, Frido (Section for Ecology and Evolution, Globe Institute, University of Copenhagen) - de la Rasilla, Marco (Área de Prehistoria, Departamento de Historia, Facultad de Filosofía y Letras, Universidad de Oviedo)
- 12:00 MIDDLE AND UPPER PALEOLITHIC SETTLEMENT OF THE BALKANS INTERIOR DURING THE COLD PERIODS**
 Mihailovic, Dusan (University of Belgrade, Faculty of Philosophy) - Bogičević, Katarina (University of Belgrade - Faculty of Mining and Geology) - Dimitrijević, Vesna - Milošević, Stefan (University of Belgrade - Faculty of Philosophy) - Nenadić, Draženko (University of Belgrade - Faculty of Mining and Geology) - Roksandic, Mirjana (University of Winnipeg)



- 12:15** **EDGE DELINEATION AS A CLUE FOR THE EVOLUTION, ADAPTATION AND SPECIALISATION OF QUINA SCRAPERS IN THE LEVANT AND WESTERN EUROPE**
Zupancich, Andrea (Archaeology of Social Dynamics Institución Milá y Fontanals, Barcelona; DANTE - Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Barkai, Ran - Gopher, Avi (Department of Archaeology and Near Eastern Cultures Tel-Aviv University)
- 12:30** **ON TEETH, STONES, AND PLANTS. EVIDENCE OF PLANT FOOD CONSUMPTION AMONG PALAEOOLITHIC AND MESOLITHIC FORAGERS OF ITALY AND THE BALKANS**
Cristiani, Emanuela (Depart. of Odontostomatology and Maxillo-Facial Sciences; DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome) - Zupancich, Andrea (DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome; Institución Milá y Fontanals, Barcelona, Consejo Superior de Investigaciones Científicas - IMF-CSIC) - Carra, Marialetizia (DANTE-Diet and Ancient Technology Laboratory, Sapienza University of Rome) - Borić, Dušan (Department of Environmental Biology, Sapienza University of Rome; New York University)
- 12:45** **DISCUSSION SLOT**
- 14:00** **DIETARY RECONSTRUCTION FOR NEANDERTALS AND UPPER PALEOLITHIC MODERN HUMANS: A REVIEW FROM OCCLUSAL MOLAR MICROWEAR TEXTURE ANALYSIS**
Estalrich, Almudena (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria; Department of Anthropology. University of Arkansas)
- 14:15** **MIGRATION, DIET AND HEALTH OF THE FIRST PERMANENT SETTLERS OF BELGIUM FROM A BIOARCHAEOLOGICAL PERSPECTIVE**
Halbrucker, Éva - Dhaenens, Maarten - Boeckx, Pascal - Costa Rodriguez, Marta (Ghent University) - Vandersloot, Pierre (Agence Wallone du Patrimoine) - De Groote, Isabelle - Crombé, Philippe (Ghent University)
- 14:30** **CARBON AND NITROGEN ISOTOPIC VARIABILITY IN HUMAN DIET AND ITS IMPLICATION FOR EVALUATING RESILIENCE DURING THE HOLOCENE IN NORTHERN IBERIA**
González Rabanal, Borja - Marín-Arroyo, Ana B. (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria, Dpto. Ciencias Históricas. Universidad de Cantabria) - González Morales, Manuel R. (Instituto Internacional de Investigaciones Prehistóricas de Cantabria. Universidad de Cantabria)
- 14:45** **HUMAN DIET AND MOBILITY IN CENTRAL ITALY FROM THE UPPER PALAEOOLITHIC TO THE NEOLITHIC: DENTAL REMAINS FROM GROTTA CONTINENZA**
Boric, Dusan (Sapienza University of Rome; New York University) - Cristiani, Emanuela (Sapienza University of Rome) - Price, Doug (University of Wisconsin, Madison) - Nava, Alessia (Kent University) - Bondioli, Luca (Museo delle Civiltà, Roma) - Coppa, Alfredo (Sapienza University of Rome)
- 15:00** **PLANT-HUMAN INTERACTIONS AMONG LEVANTINE PRE-AGRICULTURAL COMMUNITIES REVEALED THROUGH GROUND STONE TOOLS AND DENTAL CALCULUS ANALYSES**
Zupancich, Andrea (Archaeology of Social Dynamics Institución Milá y Fontanals, Barcelona; DANTE- Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Cristiani, Emanuela (DANTE- Diet and Ancient Technology Laboratory, Sapienza Università di Roma) - Gopher, Avi (Department of Archaeology and Near Eastern Cultures Tel-Aviv University)
- 15:15** **FORAGER VS. EARLY FARMER LIFEWAYS IN THE BALKANS REVEALED THROUGH TIME-RESOLVED RECORDS IN TEETH**
Boric, Dusan (Sapienza University of Rome; New York University) - Nava, Alessia (Kent University) - Peripoli, Beatrice (University of Padova) - Price, Doug (University of Wisconsin, Madison) - Bondioli, Luca (Museo delle Civiltà, Roma) - Müller, Wolfgang (Goethe University)
- 15:30** **DISCUSSION SLOT**



330 SUSTAINABILITY IN ARCHAEOLOGY AND TODAY: AN INTERDISCIPLINARY APPROACH

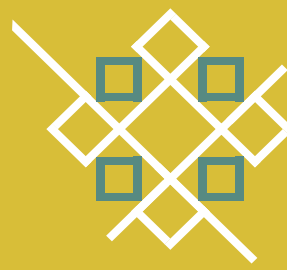
Time: Thursday 1 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Civilyte, Agne (Lithuanian Institute of History) - Zubrow, Ezra (New York State University of Buffalo)

PAPERS

- 14:00 AN INTRODUCTION TO AN INTERDISCIPLINARY APPROACH TO SUSTAINABILITY**
Goldstein, Lynne (Michigan State University - Retired)
- 14:15 REVERSE ENGINEERING, SUSTAINABILITY AND ARCHAEOLOGY**
Zubrow, Ezra (University at Buffalo; University of Cambridge) - Lindström, Torill (University of Bergen)
- 14:30 "DIG DEEP, THINK BIG": ARCHAEOLOGY AS CLIMATE ACTION**
Riel-Salvatore, Julien - Burke, Ariane (Université de Montréal) - Lyon, Christopher (McGill University)
- 14:45 THE ANIMALS OF OLD EUROPE. THE BREAKDOWN OF THE NEOLITHIC MODEL OF SUSTAINABILITY**
Marciniak, Arkadiusz (Adam Mickiewicz University, Poznań)
- 15:00 NATURE AND NURTURE: EXPLORING APPROACHES TO LANDSCAPE MANAGEMENT IN THE LATE BRONZE AGE SOUTHEASTERN BALTIC**
Minkevicius, Karolis - Piličiauskienė, Giedrė - Podėnas, Vytenis - Micelicaite, Viktorija - Čivilytė, Agnė (Lithuanian Institute of History)
- 15:15 DIET IN BRONZE AGE EUROPE AS REVEALED BY ZONOTIC PARASITES FROM SEDIMENTS AND COPROLITES**
Ledger, Marissa (Faculty of Medicine and Dentistry, University of Alberta; Department of Archaeology, University of Cambridge) - Grimshaw, Elisabeth - Fairey, Madison (Department of Archaeology, University of Cambridge) - Ballantyne, Rachel (McDonald Institute for Archaeological Research, University of Cambridge; School of Archaeology, University of Oxford) - Knight, Mark (Cambridge Archaeological Unit, University of Cambridge) - Mitchell, Piers (Department of Archaeology, University of Cambridge)
- 15:30 TOWARDS SAFE AND SUSTAINABLE FOOD**
Zabulione, Aelita - Šalaševičienė, Alviija (Kaunas University of Technology) - Alvalade Ximenes, Alexander A. (Columbia University in the City of New York) - Urbonaitė-Ubė, Miglė (Klaipėda university) - Bertasius, Mindaugas (Kaunas university of technology) - Čivilytė, Agnė (Lithuanian institute of history)
- 15:45 DISCUSSION SLOT**
- 16:30 A LONG VIEW OF THE ENVIRONMENTAL EFFECTS OF COPPER PRODUCTION**
Fregni, Elpidia Giovanna (No affiliation)
- 16:45 CHARACTERIZATION OF HEAVY METALS FROM PHOSPHATE ROCKS**
Nzihou, Ange - Lyczko, Nathalie (IMT Mines albi)
- 17:00 INSIGHTS ON TOXIC METALS AND THEIR IMPACT ON THE ENVIRONMENT AND HUMAN HEALTH IN THE BRONZE AGE**
Civilyte, Agne (Lithuanian institute of History)
- 17:15 WASTE OR NO WASTE. THE BENEFITS OF GOOD ORGANIC PRESERVATION IN WELLS**
Staeuble, Harald (Archaeological Heritage Office Saxony)
- 17:30 RECYCLING OF METAL IN BRONZE AGE. AN OVERVIEW OF SUSTAINABILITY PHENOMENON RELATED TO THE HUMAN BEHAVIOUR**
Delfino, Davide (Geocience Center of University of Coimbra)
- 17:45 HISTORICAL CHARCOAL PRODUCTION: ARCHAEOLOGY, ECOLOGY AND ECONOMY**
Nelle, Oliver (Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart)
- 18:00 DISCUSSION SLOT**



336 EXPERIMENTAL APPROACHES TO PALAEOLITHIC AND MESOLITHIC ARCHAEOLOGY [PAM]

Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Bentsen, Silje (Nordland County Council; School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Milks, Annemieke (University of Reading; University College London)

PAPERS

8:30 INTRODUCTION

8:45 A WHIRLWIND HISTORY OF EXPERIMENTAL APPROACHES TO THE PLEISTOCENE ARCHAEOLOGICAL RECORD

Milks, Annemieke (University of Reading, Department of Archaeology)

9:00 WERE MIDDLE PALAEOLITHIC SHELL BEADS USED AS ORNAMENTS: AN EXPERIMENTAL ENQUIRY

Bar-Yosef, Daniella (Tel Aviv University) - Groman-Yaroslavski, Iris (University of Haifa)

9:15 FROM LAB TO KITCHEN: TEACHING EXPERIMENTAL ARCHAEOLOGY DURING LOCK-DOWN

Bentsen, Silje (Nordland County; School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand) - Nel, Turid (SFF Centre for Early Sapiens Behaviour, University of Bergen)

9:30 ART EXPERTICESHIP, PERCEPTION AND MOTOR INTEGRATION IN PALAEOLITHIC ART. AN EXPERIMENTAL ANALYSIS

Rivero, Olivia - García-Bustos, Miguel - García, Paula (University of Salamanca) - Garate, Diego (University of Cantabria)

9:45 BY THE NUMBERS. COMBINING ATTRIBUTE ANALYSIS AND EXPERIMENTAL ARCHAEOLOGY TO RECONSTRUCT KNAPPING TECHNIQUES

Posch, Caroline (Naturhistorisches Museum Wien) - Ott, Martina - Meusburger, Katharina (Pädagogische Hochschule Vorarlberg)

10:00 A NEW METHOD FOR BIRCH TAR MAKING USING MATERIALS AVAILABLE IN THE STONE AGE

Koch, Tabea (Université Côte d'Azur, CNRS, CEPAM, Nice; University of York, Department of Archaeology; Eberhard Karls Universität Tübingen, Department of Early Prehistory and Quaternary Ecology)

10:15 DISCUSSION SLOT

11:00 FOUR DIFFERENT EXPERIMENTAL METHODS OF PRODUCING WOOD TAR IN THE MIDDLE PALEOLITHIC - IN SEARCH OF THE EASIEST WAY

Piotrowska, Beata (Adam Mickiewicz University Poznań)

11:15 STUDY OF THE DISTRIBUTION OF PINUS REMAINS IN THE IBERIAN PENINSULA BY EXPERIMENTAL CHARRING

Garay Palacios, Blanca (Universitat Autònoma de Barcelona) - Berihuete Azorín, Marian (IPHES) - Piqué Huerta, Raquel (Universitat Autònoma de Barcelona)

11:30 THE VALUE OF INDUCTIVE REASONING IN EXPERIMENTAL ARCHAEOLOGY

Schenck, Tine - Groom, Peter (Mesolithic Resource Group)

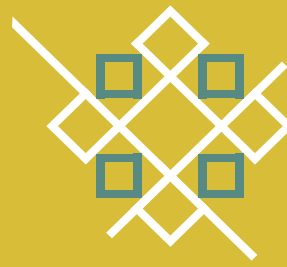
11:45 DISCUSSION SLOT

12:00 STICKS AND STONES CANNOT ONLY BREAK BONES. USING DIGGING STICKS FOR UNDERGROUNDS STORAGE ORGANS FORAGING

Lopez-Bulto, Oriol (Department of Prehistory, Universitat Autònoma de Barcelona) - Berihuete-Azorín, Marian (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili - URV, Àrea de Prehistòria)

12:15 LOOKING FOR WORKSHOP AREAS AT THE GRAVETTIAN PALIMPSEST SITE? AN EXPERIMENTAL APPROACH

Novák, Martin (Institute of Archaeology of the CAS, Brno) - Oúrodová, Anna-Marie (University of Hradec Králové, Faculty of Arts, Department of Archaeology) - Chlachula, Dominik (Institute of Archaeology of the CAS, Brno)



12:30 HUNTING STRATEGY AND PROJECTILE TECHNOLOGY DURING THE DISPERSALS OF MODERN HUMANS INTO ASIA: AN EXPERIMENTAL APPROACH

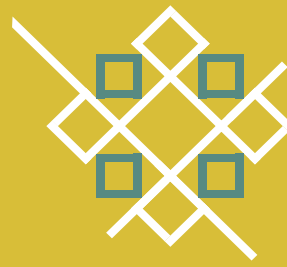
Takakura, Jun (Archaeological Research Center, Hokkaido University) - Yamaoka, Takuya (Faculty of Humanities and Social Sciences, Shizuoka University)

12:45 DISCUSSION SLOT

POSTERS

A. PALAEOLOGIC BIRCH BARK TAR PRODUCTION IN MOUND STRUCTURES

Schenck, Tine - Groom, Peter (Mesolithic Resource Group)



337 ARCHAEOLOGY MATTERS. THE NEED TO RE-DEFINE THE RELEVANCE OF ARCHAEOLOGY [EAA EXB]

Time: Thursday 1 Sept, 8:30 - 10:30

Format: Round table

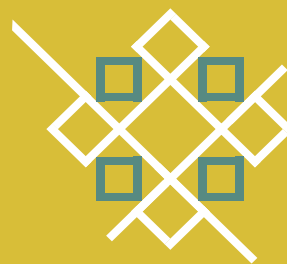
Organisers: Banffy, Eszter (German Archaeological Institute) - Carver, Martin (University of York) - von Rummel, Philipp (German Archaeological Institute)

At EAA 2021 a round table was held on the future of archaeological research in the light of ERC's Horizon Europe. A proposal to align with the UN SDGs was sympathetically discussed but without defining a clear way forward. Now we propose to discuss three more particular objectives: how can archaeology bridge STEM and SHAPE disciplines; how can archaeology best address the current climate change crisis – and how can archaeology gain more visibility and a more opinion-forming role in society?

As an area of research that deploys both STEM and SHAPE disciplines we are well placed to advance a broad agenda that can embrace many new projects suitable for funding by Horizon Europe and elsewhere.

The Round Table plans to address these questions (among others):

1. How can EAA help promote the social, political and environmental value of archaeology?
2. How can we enhance cooperation between archaeologists, scientists and heritage managers to ensure that our joint research results in beneficial social and environmental action?
3. How can we better inform and include the general public about archaeology's current contribution to the past history of the world, and how it can serve its future?
4. How can we restructure archaeology to serve these goals more clearly? The young are already sensitive to the needs of the planet. Can archaeology degree courses offer a more certain feeling of engagement in its future? Can grant giving bodies, including ERC, reflect the global needs of research in their panels, rather than representing existing single disciplines?
5. How should we promote a bold new effective and collegiate attitude to STEM/SHAPE combinations in research and teaching?



339 “MORE THAN JUST BONES” - UNDERSTANDING PAST HUMAN ADAPTION AND BEHAVIOUR THROUGH THE STUDY OF HUMAN REMAINS

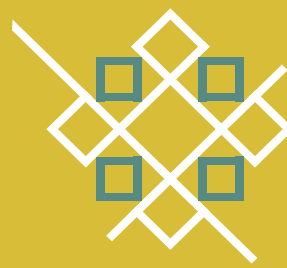
Time: Thursday 1 Sept, 8:30 - 18:30

Format: Regular session

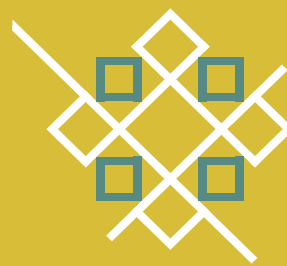
Organisers: László-Mateovics, Orsolya (Hungarian National Museum) - Hajdu, Tamás (Department of Anthropology, Eötvös Loránd University) - Novak, Mario - Janković, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research)

PAPERS

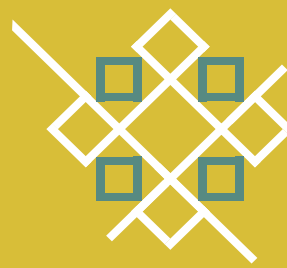
- 8:30 LATE AVAR PERIOD BURIAL GROUND OF ŠARENGRAD - KLOPARE: (BIO)ARCHAEOLOGICAL AND ISOTOPIC STUDY**
Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Rimpf, Andrea (Ilok Town Museum, Ilok) - Rapan-Papeša, Anita (Vinkovci Municipal Museum, Vinkovci) - Dizdar, Marko (Institute of Archaeology, Zagreb) - Toyne, J. Marla (Department of Anthropology, University of Central Florida)
- 8:45 BURY ME WHERE MY ARROW FALLS. NEW CONSIDERATIONS ON EARLY MEDIEVAL BURIALS WITH COMPOSITE BOWS EXCAVATED IN MODERN-DAY VIENNA, AUSTRIA**
Tobias, Bendeguz (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung) - Pany-Kucera, Doris (Naturhistorisches Museum Wien - Anthropologische Abteilung) - Klostermann, Paul (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung; Naturhistorisches Museum Wien - Anthropologische Abteilung) - Özyurt, Jasmin (Österreichische Akademie der Wissenschaften - Institut für Mittelalterforschung) - Berner, Margit (Naturhistorisches Museum Wien - Anthropologische Abteilung)
- 9:00 HORSE-RIDING AND BONES - BIOARCHAEOLOGICAL ANALYSIS OF BURIALS FROM AVAR PERIOD AND HUNGARIAN CONQUEST PERIOD IN BODAJK (HUNGARY)**
Líbor, Csilla (Szent István Király Museum) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Szücsi, Frigyes (Szent István Király Museum)
- 9:15 WEAVING THROUGH MEDIEVAL YPRES: DENTAL MARKERS OF ACTIVITY IN A HIGH MEDIEVAL URBAN POPULATION**
Jackson, Veronica (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel; Anatomical Research and Clinical Studies, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Spros, Rachèl (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Probyn, Steven - Snoeck, Thyl (Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Claeys, Philippe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Lambert, Bart (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel)
- 9:30 TOOLS AND HABITS - STUDY OF SKELETAL EVIDENCE FOR SPECIAL ACTIVITIES IN PAST POPULATIONS FROM HUNGARY**
László-Mateovics, Orsolya (Hungarian National Museum / Magyar Nemzeti Múzeum) - Látos, Katalin (National Archaeological Institute, Hungarian National Museum) - Libor, Csilla (Szent István Király Museum) - Schilling, László (National Archaeological Institute, Hungarian National Museum)
- 9:45 THE PATTERNS AND ETIOLOGY OF SKELETAL TRAUMA IN AVAR PERIOD COMMUNITIES**
Djukic, Ksenija - Milovanovic, Petar - Mikasinovic, Veda - Pavlovic, Tamara - Djuric, Marija (Laboratory of Bone Biology and Bioanthropology, Faculty of Medicine, Belgrade)
- 10:00 DISCUSSION SLOT**
- 11:00 LIFE AT THE BORDER OF VENETIAN REPUBLIC AND OTTOMAN EMPIRE - BIOARCHAEOLOGICAL ASPECTS**
Bedic, Željka (Croatian Academy of Sciences and Arts) - Šučur, Jure (University of Zadar)



- 11:15 CONTINUITY AND/OR IMMIGRATION? – BIOLOGICAL CONNECTIONS OF EARLY AND MIDDLE BRONZE POPULATIONS IN THE NORTHWESTERN PART OF THE CARPATHIAN BASIN**
 Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Melis, Eszter - Köhler, Kitti - Kiss, Viktória (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Major, István - Horváth, Anikó (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Eötvös Loránd Research Network, Debrecen) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Jakab, Július (Institute of Archaeology, Slovak Academy of Sciences, Nitra) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)
- 11:30 CRANIOMETRIC ANALYSIS OF THE 9-13TH CENTURY - POPULATION HISTORY OF THE DANUBE-TISZA INTERFLUVE**
 Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Mészáros, Boglárka (Department of Prehistory and the Migration Period, Aquincum Museum and Archaeological Park) - Gyenesei, Katalin - Gémes, Anett (Department of Biological Anthropology, Eötvös Loránd University) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Rácz, Tibor (Archaeological Collection, Ferenczy Museum Center) - Tóth, Zoltán (Department of Archaeology, István Dobó Castle Museum) - Révész, László (Department of Archaeology, University of Szeged; Department of Archaeology, Hungarian National Museum) - Hajdu, Tamás - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University)
- 11:45 DENTAL WEAR CHANGES IN THE PAST ~8000 YEARS**
 Godinho, Ricardo Miguel (ICArEHB, University of Algarve) - Umbelino, Cláudia (CIAS, University of Coimbra; ICArEHB, University of Algarve) - Relvado, Cláudia (ICArEHB, University of Algarve) - Garcia, Susana (ISCSP, University of Lisbon; Museum of Natural History and Science) - Gonçalves, Célia (ICArEHB, University of Algarve)
- 12:00 DIETARY INFERENCES THROUGH DENTAL TOPOGRAPHY IN PREHISTORIC AND HISTORIC POPULATIONS FROM THE SOUTHEAST OF THE IBERIAN PENINSULA**
 Moya Soriano, Ester (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante) - Romero, Alejandro (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante; Department of Biotechnology, University of Alicante) - García Atiénzar, Gabriel (Institute for Research in Archaeology and Historical Heritage - INAPH, University of Alicante)
- 12:15 AGING CHANGES IN MAXILLARY BODY HEIGHT IN A MEDIEVAL POPULATION FROM CENTRAL EUROPE**
 Walczak, Anna - Krenz-Niedbała, Marta - Łukasik, Sylwia (Adam Mickiewicz University in Poznań, Faculty of Biology, Institute of Human Biology and Evolution)
- 12:30 INSIGHT INTO SOCIAL DIFFERENTIATION OF THE BELL BEAKERS: AN EXAMPLE ON BIOARCHAEOLOGICAL DATA FROM POPŮVKY CEMETERY (CZECH REPUBLIC)**
 Tvrdý, Zdenek (Anthropos Institute, Moravian Museum, Brno) - Čerevková, Alžběta (Institute of Archaeology, Moravian Museum, Brno) - Drtíková Kaupová, Sylva (Department of Anthropology, National Museum in Prague) - Jarošová, Ivana (Freelancer in anthropology)
- 12:45 DISCUSSION SLOT**
- 14:00 THE SEX-SPECIFIC VARIATIONS IN THE HEALTH STATUS OF THE POPULATION FROM A SMALL LATE ROMAN ISLAND BURIAL SITE IN CROATIA**
 Zagorc, Brina (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Carić, Mario - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Visković, Eduard (Kantharos d.o.o., Hvar) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Howard Hughes Medical Institute, Harvard Medical School; Broad Institute of Harvard and MIT) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna)
- 14:15 SURVIVAL OF THE WEAKEST. A CASE OF DISABILITY IN THE LATE ROMAN CITY OF IBIDA (SLAVA RUSĂ, ROMANIA)**
 Soficaru, Andrei - Crețu, Ciprian (Institute of Anthropology, Romanian Academy)
- 14:30 THE EFFECTS OF SOCIAL INEQUALITY IN THE ZAPOTEC CHILDREN FROM MONTE ALBÁN DURING THE CLASSIC PERIOD (200-700 AD)**
 Camacho, Miriam (Physical Anthropology)

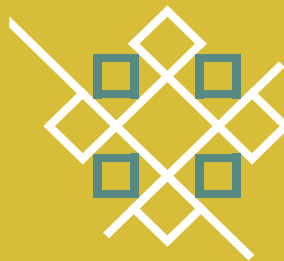


- 14:45 SOCIAL IDENTITY OF LATE MESOLITHIC CHILDREN FROM YUZHNIY OLENIY OSTROV IN LIGHT OF NEW ANTHROPOLOGICAL APPROACHES**
 Batanina, Olga (University of Helsinki) - Stewart, Nicolas (University of Brighton) - Murphy, Eileen (Queen's University Belfast) - Zubova, Alisa (-) - Moiseyev, Vyacheslav (-) - Mannermaa, Kristiina (University of Helsinki)
- 15:00 SUBADULT HEALTH AND DISEASES IN THE MEDIEVAL AND EARLY MODERN PERIOD POPULATION FROM GORA, CROATIA**
 Kokotovic, Tea (The Institute of Archaeology in Zagreb) - Bedić, Željka (Anthropological Centre, Croatian Academy of Sciences and Arts) - Sirovica, Filomena (Archaeological Museum in Zagreb) - Belaj, Juraj (The Institute of Archaeology in Zagreb)
- 15:15 A BIOARCHAEOLOGICAL STUDY OF HOW CREMATION WAS PRACTICED ACROSS MULTIPLE CENTURIES AT A BRONZE AGE CEMETERY**
 Ullinger, Jaime (Quinnipiac University) - Paja, László (University of Szeged) - Williamson, Kylie (University of Florida) - Danella, Erika (University of Michigan) - Cruz, Heleinna (Quinnipiac University) - Ramireddy, Pranavi (California University of Science and Medicine) - Duffy, Paul (University of Kiel) - Giblin, Julia (Quinnipiac University) - Parditka, Györgyi (University of Michigan)
- 15:30 DISCUSSION SLOT**
- 16:30 REVISITING THE "NORTHERN IBERIANS" RITUAL PRACTICES FROM NON-INCINERATED HUMAN REMAINS IN THE NE OF THE IBERIAN PENINSULA (4TH-1ST CENTURY BC)**
 Petit-Castellví, Alba - Subirà, Maria Eulàlia (Unitat d'Antropologia Biològica, Departament de Biologia Animal, de Biologia Vegetal i d'Ecologia, Facultat de Biociències, Universitat Autònoma de Barcelona, Bellaterra, Cerdanyola del Vallés) - Agustí, Bibiana (INSITU S.C.P. Centelles, Barcelona)
- 16:45 BIOARCHAEOLOGICAL EVIDENCE OF THE STEPPE NOMAD'S PRESENCE IN BRONZE AGE MONTEORU CULTURE CEMETERIES**
 Constantinescu, Mihai (Fr. I. Rainer Institute of Anthropology; University of Bucharest) - Chicideanu, Monica (University of Bucharest)
- 17:00 THE ANTHROPOLOGICAL STUDY OF HUMAN REMAINS FROM THE BURIAL CAVES OF POLLA, SALERNO (ITALY) BETWEEN THE NEOLITHIC AND ENEOLITHIC PERIOD**
 Guglielmi, Sandra - Minelli, Antonella (Università degli Studi del Molise)
- 17:15 OLD BONES – NEW POSSIBILITIES. HUMAN REMAINS FROM SETTLEMENT PITS AT MIDDLE BRONZE AGE TISZAFÜRED-MAJOROSHALOM (EASTERN HUNGARY) SITE**
 Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Mester, Edit (Kiss Pál Museum, Tiszafüred) - Dani, János (Déri Museum, Debrecen) - Gál, Erika (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeverényi, Vajk (Déri Museum, Debrecen) - Kulcsár, Gabriella - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)
- 17:30 IN THE SHADOWS OF THE EMPIRE: SARMATIAN COMMUNITIES OF THE GREAT HUNGARIAN PLAIN**
 Tica, Cristina (Clemson University) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Mateovics-László, Orsolya (Hungarian National Museum) - János, István (Institute of Environmental Science, University of Nyíregyháza)
- 17:45 FOUNDER SURVIVAL: BIOARCHAEOLOGY OF ROMAN AGE IN ANCIENT SARDINIA**
 Serra, Rita (Department of Biomedical Sciences, University of Sassari, Italy; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari) - La Fragola, Alessandra - Rovina, Daniela (Superintendence for Archaeological Heritage for the provinces of Sassari and Nuoro) - Posth, Cosimo (Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen) - Mazzarello, Vittorio - Bandiera, Pasquale (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari)
- 18:00 DISCUSSION SLOT**

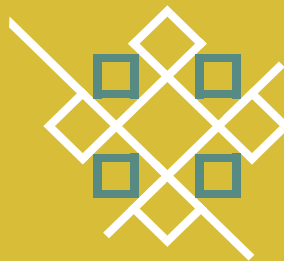


POSTERS

- A. HUMAN SKELETONS WITH TREPONEMATOSIS DISCOVERED IN THE NECROPOLIS OF 15TH-19TH CENTURIES AT THE ROMAN CATHOLIC CATHEDRAL OF IAȘI, ROMANIA**
 Groza, Vasilica-Monica (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research) - 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) - Bejenaru, Luminița (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology)
- B. SKELETAL INDICATORS OF AMPUTATION PROCEDURE, LOOKING AT THE EXAMPLE OF THE CASE OF PRE-COLUMBIAN MIDDLE ANDES**
 Lis, Monika (University of Warsaw)
- C. BIOARCHAEOLOGICAL ANALYSIS OF THE POSSIBLE SKELETAL REMAINS OF BÉLA, DUKE OF MACSÓ (12TH CENTURY AD)**
 Hajdu, Tamas (Eötvös Loránd University) - Bernert, Zsolt (Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Major, István - Molnár, Mihály (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Kelentey, Barna Árpád (Department of Operative Dentistry and Endodontics, Faculty of Dentistry, University of Debrecen) - Angyal, János (Department of Periodontology, Faculty of Dentistry, University of Debrecen) - Horváth, Anikó - Palcsu, László (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Buzár, Ágota (Department of Anthropology, Hungarian Natural History Museum, Budapest)
- D. CHALLENGING STATUS? INTERPRETING CARE IN AN INDIVIDUAL WITH FACIAL AND LOCOMOTIVE IMPAIRMENTS**
 Robinson, Stephanie (University College Cork)
- E. RELATIONSHIP BETWEEN THE ORBIT SHAPE AND CRANIOFACIAL TRAITS IN A SAMPLE OF CONTEMPORARY HUMAN SKULLS FROM IAȘI CITY, ROMANIA**
 Groza, Vasilica-Monica (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research) - Bejenaru, Luminița (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Romania) - Petraru, Ozana-Maria (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research; “Alexandru Ioan Cuza” University of Iași, Faculty of Biology, Romania) - Popovici, Mariana (Romanian Academy – Iași Branch, “Olga Necrasov” Center of Anthropological Research)
- F. AN INTEGRATED THEORETICAL AND BIOARCHAEOLOGICAL APPROACH TO CATASTROPHIC COMMINGLED ASSEMBLAGES**
 Masters, Mackenzie (University of York) - Soficaru, Andrei (Fransic I. Rainer Institute of Anthropology) - Alexander, Michelle (University of York) - Holst, Malin (University of York; York Osteoarchaeology Ltd.)
- G. INVESTIGATION OF THE GENETIC ANCESTRY OF BÉLA OF MACSÓ, AN ÁRPÁDIAN PRINCE FROM HUNGARY**
 Borbély, Noémi - Mende, Balázs Gusztáv (Institute of Archaeogenomics, Research Centre for the Humanities, ELRN, Budapest) - Pinhasi, Ron - Cheronet, Olivia (Department of Evolutionary Anthropology, University of Vienna) - Reich, David Emil (Department of Genetics, and Department of Human Evolutionary Biology, Harvard Medical School) - Takács, Ágoston (Medieval Department, Castle Museum - Budapest History Museum) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, ELRN, Budapest)
- H. PALEOPATHOLOGICAL INVESTIGATION OF A POSSIBLE SURGICAL TREPHINATION FROM 11-13TH CENTURY**
 Kiss, Krisztián (Department of Biological Anthropology - Eötvös Loránd University; Department of Anthropology - Hungarian Natural History Museum) - Gémes, Anett (Department of Biological Anthropology - Eötvös Loránd University) - Gyenesei, Katalin (Department of Biological Anthropology - Eötvös Loránd University) - Karlinger, Kinga (Department of Radiology, Medical Imaging Center - Semmelweis University) - Szeniczey, Tamás (Department of Biological Anthropology - Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology - Eötvös Loránd University)



- I. PALEOPATHOLOGICAL ANALYSIS OF THE LATE IRON AGE BURIALS FROM GYŐR-KÁLVÁRIA MERGED SITE**
Gyenesei, Katalin (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Ujvári, Ferenc - Pesti, Krisztina (Rómer Flóris Museum of Art and History, Győr) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest)
- J. INFECTIOUS DISEASE AT THE MIDDLE BRONZE AGE SETTLEMENT OF TISZAFÜRED (EASTERN HUNGARY) – A CASE STUDY**
Gémes, Anett (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Mester, Edit (Kiss Pál Museum, Tiszafüred) - Dani, János (Déri Museum, Debrecen) - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Horváth, Anikó - Palcsu, László - Major, István (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology, Budapest) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Eötvös Loránd University, Budapest)
- K. BIOLOGICAL ANTHROPOLOGICAL EXAMINATION OF THE LATE IRON AGE BURIALS FROM GYŐR-KÁLVÁRIA MERGED SITE**
Gyenesei, Katalin (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kiss, Krisztián (Department of Biological Anthropology, Eötvös Loránd University, Budapest; Department of Anthropology, Hungarian Natural History Museum, Budapest) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Ujvári, Ferenc - Pesti, Krisztina (Rómer Flóris Museum of Art and History, Győr) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University, Budapest)
- L. POPULATION HISTORY OF ANCIENT THESSALONIKI. A GEOMETRIC MORPHOMETRICS VIEW IN THE CONTEXT OF URBANIZATION.**
Aidonis, Asterios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Lyras, George (Department of Historical Geology and Palaeontology, Faculty of Geology & Geoenvironment, National and Kapodistrian University of Athens) - Protosalti, Soultana - Tzevreni, Stavroula - Vasileiadou, Stela - Konstantinidou, Krino (Ephorate of Antiquities of Thessaloniki City, Hellenic Ministry of Culture and Sports) - Papa-georgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- M. METHODOLOGICAL CONSIDERATIONS REGARDING AN UNFINISHED CRANIAL SURGERY FROM THE 10TH-CENTURY-CE CARPATHIAN BASIN**
Kis, Luca (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Király, Kitty (Department of Biological Anthropology, University of Szeged) - Spekker, Olga (Department of Biological Anthropology, University of Szeged; Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Neparáczi, Endre (Department of Archaeogenetics, Institute of Hungarian Research, Budapest; Department of Genetics, University of Szeged) - Szabó, Árpád (Department of Forensic Medicine, University of Szeged) - Pálfi, György - Bereczki, Zsolt (Department of Biological Anthropology, University of Szeged)
- N. CROWN DIMENSIONS OF THE M2 MOLAR: COMPARISON BETWEEN PREHISTORY AND MEDIEVAL SAMPLES FROM NORTH-EASTERN ROMANIA**
Bejenaru, Luminita (Faculty of Biology, "Alexandru Ioan Cuza" University of Iași; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași) - Popovici, Mariana - Groza, Vasilica-Monica (Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași) - Petraru, Ozana-Maria (Faculty of Biology, "Alexandru Ioan Cuza" University of Iași; Romanian Academy Iași Branch, "Olga Necrasov" Center of Anthropological Research, Iași)



341 OVERSEA AND INLAND – CULTURE CONTACT DYNAMICS IN THE MEDITERRANEAN DURING THE 1ST MILLENNIUM BCE

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

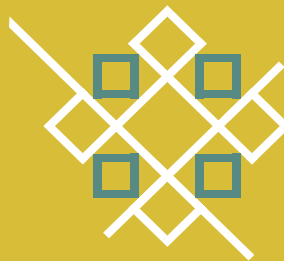
Organisers: Gerling, Claudia (University of Basel) - Gigante, Melania (University of Padua) - Billo-Imbach, Marta (University of Basel) - Saltini Semerari, Giulia (University of Michigan)

PAPERS

- 16:30 SOCIO-CULTURAL EXCHANGE IN THE SIBARITIDE, CALABRIA (ITALY)**
Billo-Imbach, Marta (University of Basel, Department of Ancient Civilizations) - Gerling, Claudia (University of Basel, Department of Environmental Sciences) - Guggisberg, Martin (University of Basel, Department of Ancient Civilizations) - Zaugg, Céline (University of Basel, Department of Environmental Sciences)
- 16:45 SAME, SAME BUT DIFFERENT? – THE 6TH CENTURY BC BURIAL CUSTOMS IN THE SIBARITIDE**
Gullo, Ilaria (University of Basel)
- 17:00 OVERSEA AND INLAND – CULTURE CONTACT DYNAMICS IN THE MEDITERRANEAN DURING THE 1ST MILLENNIUM BCE**
Saltini Semerari, Giulia (University of Michigan)
- 17:15 DISCUSSION SLOT**
- 17:30 WITHIN THE PILLARS OF HERCULES. MOBILITY AND INTERCONNECTIVITY IN THE FIRST MILLENNIUM BCE WESTERN MEDITERRANEAN: AN ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL PERSPECTIVE**
Gigante, Melania - Mazzariol, Alessandro (University of Padua)
- 17:45 RECONSIDERING THE VILLANOVAN PHENOMENON OF PRE-ROMAN ITALY THROUGH AN ISOTOPE-BASED PERSPECTIVE: THE CASE STUDY OF FERMO (9TH-5TH CENTURY BCE, MARCHE)**
Esposito, Carmen (Cardiff University; Queen's University Belfast) - Gigante, Melania (University of Padua) - Miranda, Pasquale (University of Naples Federico II) - Stoddart, Simon (University of Cambridge) - Pacciarelli, Marco (University of Naples Federico II) - Reimer, Paula - Malone, Caroline (Queen's University Belfast) - Bondioli, Luca (University of Padua; University of Bologna) - Müller, Wolfgang (Goethe University Frankfurt)
- 18:00 UNBURNT BODIES AMONGST CREMATED PEOPLE. FIRST ELEMENTS TO DEFINE THE IDENTITY OF THE INHUMED INDIVIDUALS FROM THE NECROPOLIS CUS-PIOVEGO, PADUA**
Capasso, Giusy (Department of Cultural Heritage, University of Padua) - Beck de Lotto, Micheal (Department of Cardio-Thoraco-Vascular Sciences and Public Health, University of Padua) - Lugli, Federico (Department of Cultural Heritage, University of Bologna) - Sperduti, Alessandra (Bioarchaeology Service, Museum of Civilizations, Rome) - Bondioli, Luca (Department of Cultural Heritage, University of Padua) - Cupitò, Michele - Vidale, Massimo (Department of Cultural Heritage, University of Padua)
- 18:15 DISCUSSION SLOT**

POSTERS

- A. CONTINUITY OR DISCONTINUITY? SOCIAL AND BIOCULTURAL IDENTITIES AT THE LA CONA CEMETERY (9TH CENT. BCE–1ST CENT. CE, TERAMO, ITALY)**
Gigante, Melania - Peripoli, Beatrice - Trevisan, Martina (University of Padua) - Torrieri, Vincenzo (Minister of Culture) - Vidale, Massimo (University of Padua)



347 NATURAL RESOURCES OF HIGHLANDS AND HINTERLANDS IN THE MEDITERRANEAN

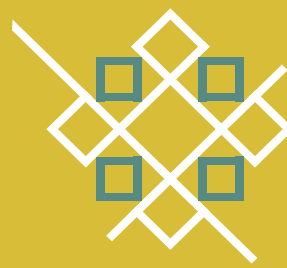
Time: Thursday 1 Sept, 14:00 - 18:30

Format: Regular session

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

PAPERS

- 14:00 INTRODUCTION: REFLECTIONS ON SOCIO-ECONOMIC, ENVIRONMENTAL, AND SPATIAL LINKS BETWEEN LOWLANDS AND HIGHLANDS**
de Neef, Wieke (Ghent University) - Attema, Peter - Maurer, Arnoud (University of Groningen)
- 14:15 THE HISTORICAL RELEVANCE OF MARGINAL AREAS IN THE AEGEAN: A CASE-STUDY OF THE DIKTE MTS, CRETE**
Tina, Kalantzopoulou (NKUA - National and Kapodistrian University of Athens)
- 14:30 HIGH ALTITUDE EXPLOITATION SYSTEMS OVER TIME: THE CASE OF THE WESTERN VENETIAN PREALPS**
Migliavacca, Mara (Dipartimento di Culture e Civiltà università di Verona)
- 14:45 DISCUSSION SLOT**
- 15:00 SALT, SHEPHERDS, SMUGGLERS IN N-E ITALY FROM THE PRESENT BACKWARDS TO PREHISTORY**
Montagnari Kokelj, Manuela (University of Trieste) - Boscarol, Chiara (Divulgando srl, Trieste)
- 15:15 COMMUNICATION AND RESOURCE USE OF SOUTHERN VELEBIT COMMUNITIES**
Serventi, Zrinka (University of Zadar, Department of History) - Vuković, Morana (Archaeological Museum Zadar)
- 15:30 NORTHERN PARALLELS: WAS NORWEGIAN OUTLAND RESOURCE EXPLOITATION JUST A SERIES OF SIDE HUSTLES?**
Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)
- 15:45 DISCUSSION SLOT**
- 16:30 NATURAL RESOURCES OF HIGHLAND IN SICILY: FROM THE ARCHAEOLOGICAL SURFACE SURVEY TO A CHEMICAL CHARACTERIZATION OF ORGANIC RESIDUES**
Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo) - Vallejo, Asier (Department of Analytical Chemistry, University of the Basque Country - UPV/EHU, Faculty of Pharmacy; Bioaraba, Metabolómica Biosanitaria, Alimentaria y Medioambiental) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IP-HES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Vergès, Josep Maria (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art)
- 16:45 TRACING NEOLITHIC AND MEDIEVAL LIVESTOCK FARMING IN THE EASTERN PYRENEES: THE COMBINED ARCHAEOLOGICAL AND PALAEOENVIRONMENTAL STUDY OF MOLLERES II (PUIGPEDRÓS-MASSIF)**
Carbonell, Arnau - Colominas, Lúcia - Pescini, Valentina (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP) - Mayoral, Alfredo (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP; GEOLAB, UMR 6042 UCA-CNRS) - Egüez, Natalia (Archaeological Micro-morphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Gallego-Valle, Abel - Martínez, Jesús - Palet, Josep Maria (Catalan Institute of Classical Archaeology. Landscape Archaeology Research Group - ICAC-GIAP)
- 17:00 THE CONNECTED HIGHLANDS: MULTIDISCIPLINARY INVESTIGATIONS OF RESOURCE EXPLOITATION IN THE POLLINO RANGE (SOUTHERN ITALY)**
de Neef, Wieke (Ghent University) - Attema, Peter - Maurer, Arnoud (University of Groningen)
- 17:15 TASKSCAPING THE CHALCOLITHIC LANDSCAPE OF SOUTH-EASTERN IBERIAN: MOBILITY AND RESOURCE EXTRACTION IN THE GUADIX-BAZA-HUÉSCAR HINTERLANDS (GRANADA)**
Pinillos de la Granja, Paula - Barruezo Vaquero, Pablo (Universidad de Granada)
- 17:30 DISCUSSION SLOT**



349 DARK HORSE – ARCHAEOLOGIES OF HORSES AND HORSE CULTURE IN THE MIDDLE AGES

Time: Thursday 1 Sept, 11:00 - 18:00

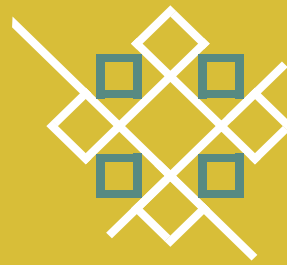
Format: Regular session

Organisers: Benkert, Helene (University of Exeter) - Orlando, Ludovic (Centre for Anthropobiology & Genomics of Toulouse - CAGT; CNRS UMR 5288, Université Paul Sabatier) - Creighton, Oliver - Outram, Alan (University of Exeter) - Liddiard, Robert (University of East Anglia)

PAPERS

- 11:00 INTRODUCTION. THE MEDIEVAL WARHORSE PROJECT: INTERDISCIPLINARITY AND INTEGRATION**
Creighton, Oliver (University of Exeter)
- 11:15 'TO WORK FOR THE KING': EQUINE NETWORKS IN 14TH-CENTURY ENGLAND**
Liddiard, Robert (University of East Anglia)
- 11:30 HIGH HORSE: THE IDEAL CONFORMATION FOR WARHORSES IN THE FRENCH TRANSLATIONS OF JORDANUS RUFUS'S DE MEDICINA EQUORUM.**
Vo Van Qui, Camille (University of Exeter, Centre for Medieval Studies)
- 11:45 DISCUSSION SLOT**
- 12:00 SIZE AND CONFORMATION OF MEDIEVAL HORSES OF NORTHWESTERN EUROPE BASED ON OSTEOARCHAEOLOGICAL EVIDENCE**
Niskanen, Markku (University of Oulu)
- 12:15 ALL HORSES GREAT AND SMALL – HORSE STATURE AND MORPHOLOGY IN MEDIEVAL EUROPE**
Benkert, Helene (University of Exeter)
- 12:30 WOUNDED WARHORSES: USE, PATHOLOGY, AND INJURY IN MEDIEVAL HORSES FROM ENGLAND**
Kanne, Katherine (University of Exeter; Northwestern University)
- 12:45 DISCUSSION SLOT**
- 14:00 HORSES IN THE BATTLE FOR EVERYDAY LIFE**
Klontza-Jaklova, Vera - Tengeriová, Romilda - Smíšek, Michal (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Sedláčková, Lenka - Kolařík, Václav - Zůbek, Antonín (Archaeia Brno)
- 14:15 HORSE IN EVERYDAY LIFE, MAGIC AND RELIGION OF THE SLAVS OF THE POLISH LANDS (8TH-13TH CENTURIES) - AN ARCHAEOZOOLOGICAL APPROACH**
Makowiecki, Daniel - Chudziak, Wojciech - Szczepanik, Paweł (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Pasicka, Edyta - Janeczek, Maciej (Department of Biostructure and Animal Physiology, Wrocław University of Environmental and Life Sciences) - Wiejacka, Martyna (Institute of Archaeology, Nicolaus Copernicus University in Torun)
- 14:30 MULTIPROXY ANALYSIS OF EARLY MEDIEVAL PRUSSIAN HUMAN/HORSE GRAVES: A REAPPRAISAL OF OLD ASSUMPTIONS**
Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA) - French, Katherine (School of History, Archaeology and Religion Cardiff University) - Madgwick, Richard (Cardiff University, ATTN: BONEZ Project) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Skvortsov, Konstantin (-)
- 14:45 DISCUSSION SLOT**
- 15:00 A GENOMIC PERSPECTIVE ON HORSE, DONKEY AND MULE MANAGEMENT IN MEDIEVAL FRANCE**
Orlando, Ludovic (CAGT, CNRS) - Lepetz, Sébastien - Clavel, Benoît (Archéozoologie, Archéobotanique: sociétés, pratiques et environnements - AASPE, Muséum national d'histoire naturelle, CNRS, CP 56) - Pegasus, Eric (CAGT, CNRS)
- 15:15 GENETIC CHARACTERIZATION OF THE HORSES IN THE EARLY MEDIEVAL POLAND**
Popovic, Danijela - Baca, Mateusz (Centre of New Technologies, University of Warsaw) - Makowiecki, Daniel - Wiejacka, Martyna - Chudziak, Wojciech (Institute of Archaeology, Faculty of History, Nicolaus Copernicus University, Torun)

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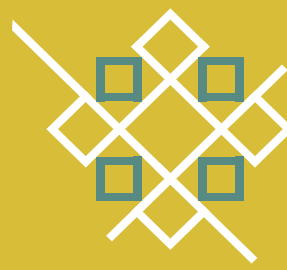


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- 15:30 BREEDING A WEAPON. MORPHOLOGICAL DIVERSITY OF HORSES IN MEDIEVAL ENGLAND**
Ameen, Carly - Benkert, Helene - Rapp, Karina - Townend, Tess - Kanne, Katherine - Outram, Alan (University of Exeter)
- 15:45 DISCUSSION SLOT**
- 16:30 WHAT CAN BE DETERMINED ABOUT THE SIZE AND SHAPE OF MEDIEVAL HORSES FROM METRICAL ANALYSES OF HORSE ARMOUR AND HORSESHOES?**
Outram, Alan (Department of Archaeology, University of Exeter) - Creighton, Oliver - Benkert, Helene - Rapp, Karina - Townend, Tess (University of Exeter)
- 16:45 BITS AND PIECES – HORSE EQUIPMENT IN MEDIEVAL ENGLAND**
Webley, Robert (University of Exeter)
- 17:00 DISCUSSION SLOT**

POSTERS

- A. THE DIVERSITY OF LATE ANTIQUE PERIOD AND EARLY MEDIEVAL HORSES IN THE CARPATHIAN BASIN: INTRODUCTION TO AN INTEGRATIVE RESEARCH PROJECT**
Szecsenyi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities) - Koncz, István - Csip-pán, Péter (Institute of Archeological Sciences, Eötvös Loránd University) - Bollók, Ádám (Institute of Archaeology, Research Centre for the Humanities) - Bárány, Annamária (Hungarian National Museum) - Gerber, Dániel - Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities)



351 ROUTED ARCHAEOLOGY III – GETTING AROUND

Time: Thursday 1 Sept, 8:30 - 12:30

Format: Regular session

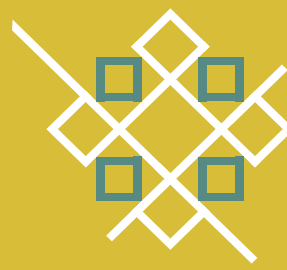
Organisers: Mele, Marko (Universalmuseum Joanneum) - Fábíán, Szilvia (Hungarian National Museum) - Mihelić, Sanjin (Arheological Museum Zagreb)

PAPERS

- 8:30 SITES AND ROUTES OF ARCHAEOLOGY AND THE CULTURAL IDENTITIES**
Varga, Benedek (Hungarian National Museum (Magyar Nemzeti Múzeum))
- 8:45 ACCESSIBILITY, VISIBILITY AND INFRASTRUCTURE OF IRON AGE SITES IN THE DANUBE REGION – THEORY AND PRACTICE**
Mele, Marko (Universalmuseum Joanneum) - Štuhec, Seta (Austrian Academy of Sciences, Austrian Centre for Digital Humanities and Cultural Heritage) - Fera, Martin (University of Vienna, Institute of Prehistoric and Historical Archaeology)
- 9:00 DEVELOPMENT OF ARCHAEOLOGICAL SITES IN OUR MOUNTAINS FOR TOURISM PURPOSES**
Czifra, Szabolcs (Hungarian National Museum) - Deminger, Csilla (Kuny Domokos Museum) - Pálincás, Adrienn - Fábíán, Szilvia (Hungarian National Museum)
- 9:15 DISCUSSION SLOT**
- 9:30 ARCHAEOLOGICAL ROUTE MANAGEMENT: A LOOK BEHIND THE SCENES**
Mihelic, Sanjin (Archaeological Museum in Zagreb)
- 9:45 CULTURAL ROUTES AND HERITAGE TOURISM**
Wollak, Katalin (Independent heritage expert; Hungarian Ass. of Archaeology and Art History; Archaeolingua Foundation) - Jerem, Erzsébet (Archaeolingua Foundation)
- 10:00 IRON AGE DANUBE ROUTE IN THE POŽEGA VALLEY REGION**
Rakvin, Marta - Balen, Jacqueline (Arhaeological Museum in Zagreb)
- 10:15 DISCUSSION SLOT**
- 11:00 CLAUSTRAS ON THE ROAD**
Zanier, Katharina (Department of Archaeology, Faculty of Arts, University of Ljubljana)
- 11:15 MATRICA (SZÁZHALOMBATTA) WITHIN THE HOLISTIC APPROACH OF LIVING DANUBE LIMES PROJECT**
Kovács, Gergo - Vukoszávlyev, Zorán - Kiss, Zsuzsanna (Budapest University of Technology and Economics)
- 11:30 DISCUSSION SLOT**

POSTERS

- A. ARCHEOLOGICAL SURVEYING WITH UAV LIDAR**
Látos, Tamás (Hungarian National Museum / Magyar Nemzeti Múzeum)



365 LIFE AND DEATH BEHIND THE WALL: A MULTIDISCIPLINARY APPROACH TO MONASTICISM IN PAST

Time: Thursday 1 Sept, 8:30 - 12:30

Format: Regular session

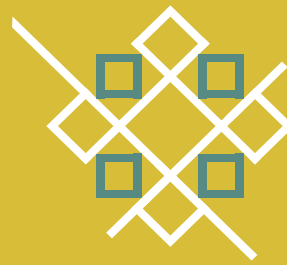
Organisers: Sarkic, Natasa (Aita Bioarchaeology) - Janeš, Andrej (Croatian Conservation Institute, Department for Archaeology)

PAPERS

- 8:30 IDENTIFICATION OF PIARIST COFFINS FROM ARCHAEOLOGICAL RESEARCH IN THE CRYPTS OF THE CHURCH IN SZCZUCZYN (PODLASKIE VOIVODESHIP, POLAND)**
Michalik, Jakub (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Openkowski, Rafał (Institute of History and Archival Sciences, Nicolaus Copernicus University in Torun)
- 8:45 AN APPROACH THROUGH BEHAVIORAL ARCHAEOLOGY OF FORMER FRANCISCAN CONVENT OF THE LA PURISIMA CONCEPCION DE SIERRA DE PINOS, ZACATECAS**
Laue, Francisco (Instituto Nacional de Antropología e Historia)
- 9:00 TRACING TEWKESBURY: A MULTIDISCIPLINARY APPROACH TO EXPLORING THE MONASTIC PRECINCT OF A POWERFUL BENEDICTINE MONASTERY IN THE WEST OF ENGLAND**
March, Eleanor (University of Exeter)
- 9:15 MORE THAN JUST A MAN'S WORLD: A PRELIMINARY ANTHROPOLOGICAL ANALYSIS OF THE OSTEOLOGICAL MATERIAL FROM THE MONASTERY HILANDAR (ATHOS, GREECE)**
Sarkic, Natasa (Aita Bioarchaeology) - Vranić, Mirko (University of Belgrade, Department of Archeology) - González-Garrido, Laura (Department of Physical Anthropology of the University of León)
- 9:30 PRELIMINARY RESULTS OF ARCHAEOLOGICAL EXCAVATIONS AND ANTHROPOLOGICAL ANALYSIS FROM THE RAŠAŠKA - RAČEŠA SITE (CROATIA), 13TH-16TH CENTURY**
Sarkic, Natasa (Aita Bioarchaeology) - Mašković Vrban, Marina (Nova Gradiška city museum) - Mihaljevi, Marija (Nova Gradiška city museum) - Čavka, Mislav (University Hospital Centre Zagreb; Faculty of Medicine, University of Zagreb)
- 9:45 MONKS OR WARRIORS? BURIALS IN THE BENEDICTINE MONASTERY OF ST. MARGARET IN BIJELA**
Janeš, Andrej (Croatian Conservation Institute)
- 10:00 DISCUSSION SLOT**
- 11:00 ON THE MONKS TABLE – THE CISTERCIAN FOOD AND EATING CULTURE IN MEDIEVAL DENMARK**
Mollerup, Lene (Museum Skanderborg)
- 11:15 THE LANDSCAPE IMPACT OF CISTERCIAN GRANGES - THE CASE OF PLASY ABBEY**
Ferenczi, Laszlo - Janovský, Martin (Charles University, Prague) - Horák, Jan (Czech University of Life Sciences, Prague) - Malina, Ondřej (National Heritage Institute, Loket) - Klír, Tomáš (Charles University, Prague)
- 11:30 NOURISHING BODY AND SOUL: A MULTI-TISSUE AND ISOTOPE STUDY ON THE DEVELOPMENT OF MONASTIC DIET IN A MEDIEVAL ROYAL BURGH**
Czére, Orsolya (University of Aberdeen) - Cameron, Alison (Cameron Archaeology Ltd) - Sayle, Kerry (Scottish Universities Environmental Research Centre) - Britton, Kate (University of Aberdeen)
- 11:45 DISCUSSION SLOT**

POSTERS

- A. PANEM NOSTRUM QUOTIDIANUM. DENTAL ANTHROPOLOGY OF A CONVENT IN MEDINA SIDONIA (SPAIN). FIRST DATA**
Castro Moreno, Gonzalo (FAPAB Research Center) - Rosa Machado, Francisco Douglas (Independent Researcher)
- B. FROMBORK CATHEDRAL - LIFE AND DEATH VISIBLE IN THE ARCHITECTURE**
Zdeb, Katarzyna (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw) - Adamiec, Jacek (GPR24.com.pl)



368 AVOCATIONAL METAL-DETECTING IN EUROPE: INTERNATIONAL EXPERIENCES AND LOCAL CONSIDERATIONS

Time: Thursday 1 Sept, 8:30 - 10:30

Format: Round table

Organisers: Deckers, Pieterjan (Vrije Universiteit Brussel) - Oksanen, Eljas (University of Helsinki) - Rohiola, Ville (Finnish Heritage Agency (Museovirasto))

In this roundtable, organized by members of the European Public Finds Recording Network, we aim to explore appropriate responses to avocational metal-detecting in different European countries. We focus on Eastern Europe in particular, and discuss ways by which shared challenges may be met on a transnational basis.

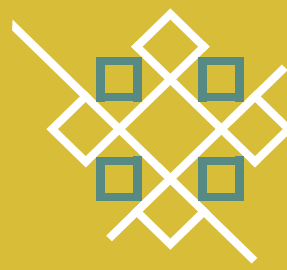
Avocational detecting remains a contested topic amongst heritage professionals (e.g. Deckers et al. 2018, Hardy 2017). Approaches differ greatly across jurisdictions, ranging from highly restrictive to liberal or even supportive. As such, the issue forms a microcosm of broader debates about public participation in scientific knowledge creation. Given the variety in local conditions and approaches, a key question in this debate is to what extent the principles and practices of a cooperative approach, as adopted in several countries in northern and western Europe (Dobat et al. 2020), can serve as inspiration elsewhere, notably in eastern Europe.

A specific concern is the impact of increasing digitisation and connectivity amongst detectorist communities as well as in the availability of finds data. We bring together a panel of researchers from mainly Eastern European countries, including the host country Hungary, to discuss these issues. Following short opening statements from the panelists, the debate will be structured along three themes regarding avocational detecting in Europe:

- Methodology: deploying digital tools for recording and managing of public finds data.
- Ethics and practical aspects: citizen archaeology, heritage protection, use of data in research, engaging with detectorist communities online.
- Promoting international collaboration, in terms of finds recording, sharing data, practices and technology, and scientific analysis.

Confirmed panelists are Tuuli Kurisoo (Tallinn University), Jan Mařík (Institute of Archeology of the CAS, Prague), Sergiu Musteata ("Ion Creanga" State University), Tibor Ákos Rácz (Ferenczy Museum) and Anna Wessman (University of Bergen).

David Wigg-Wolff (Goethe- Universität Frankfurt) will moderate the debate.



374 THE ARCHAEOBOTANICAL PUZZLE: (DIS)INTEGRATING BOTANICAL PROXIES TO BETTER COMPREHEND PAST PLANT-PEOPLE INTERACTIONS

Time: Thursday 1 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Esteban, Irene (ERAUB, Universitat de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand) - Albert, Rosa Maria (ERAUB, University of Barcelona; ICREA) - Théry-Parisot, Isabelle (CEPAM, Université Côte d'Azur; Directrice de Recherche au CNRS) - Neumann, Frank (Evolutionary Studies Institute, University of the Witwatersrand)

PAPERS

14:00 INTRODUCTION

14:15 APPROACHING PREHISPANIC HERDING ACTIVITIES IN LA PALMA (CANARY ISLANDS) THROUGH COUPLED PALEOBOTANICAL AND BIOMOLECULAR PROXIES

Fernández-Palacios, Enrique - Castilla-Beltrán, Alvaro (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Jambrina-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Rodríguez de Vera, Caterina (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Hernández, Cristo (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Departamento de Química, Facultad de Ciencias, Universidad de La Laguna) - de Nascimento, Lea (Island Ecology and Biogeography Group, Universidad de La Laguna) - Mallol, Carolina (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI - Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)

14:30 THE CURIOUS CASE OF HORVAT KUR (GALILEE, ISRAEL): A CISTERN BENEATH AN ANCIENT SYNAGOGUE REVEALS A ROMAN-BYZANTINE LANDSCAPE

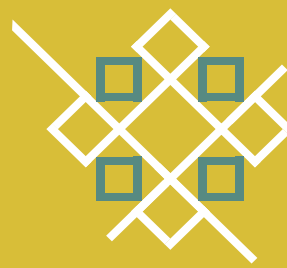
Neumann, Frank (Geology, School for Geo- and Spatial Science, North West University) - Rassalle, Tine (Department of Religious Studies, University of North Carolina at Chapel Hill) - Shvitiel, Yinon (Zefat Academic College, Israel Studies) - Muenger, Stefan (Universität Bern, Institut für Judaistik) - Belmaker, Miriam (The University of Tulsa, Department of Anthropology) - Bes, Philip (Österreichisches Archäologisches Institut – Österreichische Akademie der Wissenschaften, Vienna) - Zangenberg, Jürgen (Universiteit Leiden, Institute for History)

14:45 NORTHERN EUROPEAN AGRICULTURAL TERRACES: A MULTI-PROXY APPROACH TO BJØRNSKINN (NORWAY) TO UNDERSTAND ITS USES BY APPLYING GEOCHEMISTRY, PHYTOLITHS, AND POLLEN

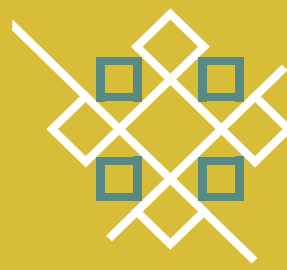
Alonso-Eguiluz, Mónica (Fundació Bosch i Gimpera) - Albert, Rosa María (ICREA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona) - Fallu, Daniel - Alsos, Inger (Tromsø University Museum, UiT The Arctic University of Norway) - Høeg, Helge (University of Oslo) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway)

15:00 THE USAGE OF WOOD IN FUNERARY CULTURE, THE EXAMPLE OF COFFINS FROM A CHURCH IN SZCZUCZYN (PODLASKIE VOIVODESHIP, POLAND)

Michalik, Jakub (Institute of Archaeology, Nicolaus Copernicus University in Torun)



- 15:15 INTEGRATING CONTRASTING SIGNATURES OF ARCHAEOBOTANICAL PROXIES: THE CASE OF WATERFALL BLUFF, EASTERN CAPE PROVINCE, SOUTH AFRICA**
 Esteban, Irene (ERAUB, Universidad de Barcelona; Evolutionary Studies Institute, University of the Witwatersrand) - Bamford, Marion (Evolutionary Studies Institute, University of the Witwatersrand) - Cawthra, Hayley (Geophysics and Remote Sensing Unit, Council for Geoscience Western Cape Office) - Fisher, Erich (ICARHEB, Universidade do Algarve) - House, Alisoun (Evolutionary Studies Institute, University of the Witwatersrand) - Miller, Charlotte (MARUM, University of Bremen) - Neumann, Frank (School for Geo- and Spatial Science, North West University) - Pargeter, Justin (Department of Anthropology, New York University) - Schefuss, Enno (MARUM, University of Bremen)
- 15:30 IDENTIFYING RITUAL BEHAVIOUR WITHIN THE HUMAN-PLANT RELATIONSHIP. THE CASE OF CHALCOLITHIC SITE ISAIIA, EASTERN ROMANIA**
 Brasoveanu, Casandra (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Danu, Mihaela (Faculty of Biology, Alexandru Ioan Cuza University of Iasi) - Tencariu, Felix-Adrian (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Vornicu, Diana Măriuca (Institute of Archaeology, Romanian Academy, Iasi Branch) - Asăndulesci, Andrei (Arheoinvest Centre, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Delhon, Claire (CNRS, CEPAM, UMR 7264, Université Côte d'Azur)
- 15:45 DISCUSSION SLOT**
- 16:30 DIETARY PRACTICES AT TELL KAMID EL-LOZ (LEBANON) DURING THE BRONZE AND IRON AGE**
 Gur-Arieh, Shira (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich; The Leon Recanatî Institute for Maritime Studies, Haifa University) - Roberts, Patrick - Lucas, Mary (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Eisenmann, Stefanie (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Lenz, Daniela (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich) - Paxinos, Ptolemaios - Weber, H  l  ne (Institute for Palaeoanatomy, Domestication Research and History of the Veterinary Medicine, LMU) - Schultz, Michael (Institute of Anatomy and Embryology, University Medical School G  ttingen; Institute of Biology and Chemistry, University of Hildesheim) - Stockhammer, Philipp (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich; Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 16:45 HOW TO SEE POLYETHYLENE GLYCOL IN REINFORCED WATERLOGGED ARCHAEOLOGICAL WOOD?**
 Grupa, Malgorzata (Nicolaus Copernicus University in Torun, Faculty of History, Institute of Archaeology) - Wypych, Aleksandra (Nicolaus Copernicus University in Torun, Centre of Modern Interdisciplinary Technologies) - Łukaszewicz, Jadwiga (Nicolaus Copernicus University in Torun, Faculty of History, Institute of Archaeology)
- 17:00 IMPACT OF THE SAMPLING STRATEGY ON THE REPRESENTATIVENESS OF PLANT ASSEMBLAGES AT THE EARLY NEOLITHIC SETTLEMENT OF BISKUPICE (S POLAND)**
 Moskal-del Hoyo, Magdalena - Kapcia, Magda - Wacnik, Agnieszka - Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences, Krak  w) - Kenig, Robert (W. Szafer Institute of Botany, Polish Academy of Sciences, Krak  w; Institute of Archaeology, Jagiellonian University, Krak  w) - Nowak, Marek (Institute of Archaeology, Jagiellonian University, Krak  w)
- 17:15 DISCUSSION SLOT**
- POSTERS**
- A. UNLOCKING THE KING'S SPICE CABINET – PLANT REMAINS FROM A 15TH CENTURY ROYAL SHIPWRECK IN THE BALTIC SEA**
 Larsson, Mikael - Foley, Brendan (Department of Archaeology and Ancient History, Lund University)
- B. PLANTBITES – A DATABASE FOR PLANT RESOURCES IN EARLY HUMAN ENVIRONMENTS**
 Bruch, Angela (ROCEEH Research Centre, Senckenberg Research Institute, Frankfurt/M) - Papikyan, Astghik (A.L. Takhtajyan Institute of Botany, Armenian Academy of Sciences, Yerevan) - Hahn, Karen (Institute for Ecology, Evolution and Diversity, Goethe University, Frankfurt/M) - Altolaguirre, Yul - Haidle, Miriam (ROCEEH Research Centre, Senckenberg Research Institute, Frankfurt/M)



376 ECONOMIC SYSTEMS IN THE NEOLITHIC AND BRONZE AGE: PATHWAYS OF PRODUCTION, CONSUMPTION, STORAGE, CONTROL AND EXCHANGE

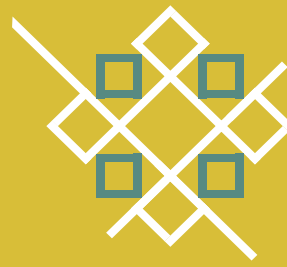
Time: Thursday 1 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Schaefer-Di Maida, Stefanie - Brozio, Jan Piet - Filipović, Dragana (Institute of Pre- and Protohistoric Archaeology, CAU Kiel; CRC 1266) - Nordvall, Linn (Department of Historical Studies, University of Gothenburg) - Iversen, Rune (Saxo Institute, University of Copenhagen)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 SCALES OF ECONOMIC SYSTEMS – NEOLITHIC SOCIOECONOMIC STRATEGIES FROM THE CENTRAL EUROPEAN PLAIN**
Brozio, Jan Piet (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 9:00 SUBSISTENCE AND EXPANSION IN LATE NEOLITHIC SOUTHERN SCANDINAVIA.**
Johannsen, Jens (Aarhus University; ROMU)
- 9:15 A WEB OF WEALTH MEASURES – QUANTIFYING WEALTH AND INEQUALITY IN 3RD MILLENNIUM BCE CENTRAL EUROPE**
Nørtoft, Mikkel (Saxo Institute, University of Copenhagen) - Rohrlach, Adam (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology)
- 9:30 DISCUSSION SLOT**
- 9:45 VALUE, SIGNIFICANCE AND USE OF 'EXOTIC' MATERIALS – IN VIEW OF THE PRESENCE OF OBSIDIAN ON NEOLITHIC SITES IN POLAND**
Werra, Dagmara H. (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Warsaw) - Szeliga, Marcin (Institute of Archaeology, Maria Curie-Skłodowska University in Lublin) - Pyżewicz, Katarzyna (Faculty of Archaeology, University of Warsaw)
- 10:00 RAW MATERIALS PROCUREMENT AND TECHNOLOGY OF MACROLITHIC TOOLS FROM THE NEOLITHIC AND COPPER AGE IN THE INNER AND SOUTH IBERIA**
Martínez-Sevilla, Francisco - Barroso Bermejo, Rosa - Bueno Ramírez, Primitiva (University of Alcalá) - Rojas Rodríguez-Malo, Juan (Independent Researcher) - Cárdenas Párraga, Juan (Independent Researcher) - Lozano Rodríguez, José (Instituto Español de Oceanografía. Centro Oceanográfico de Canarias)
- 10:15 DISCUSSION SLOT**
- 11:00 NEOLITHIC AND EARLY BRONZE AGE SETTLEMENT IN SOUTH MORAVIA IN A DIACHRONIC PERSPECTIVE**
Novotný, Jaroslav - Hons, David - Denis, Solène (Masaryk University) - Čerevková, Alžběta (Moravian Museum)
- 11:15 THE CONNECTIVITY OF LAND AND SEA. INTERACTION OF LOCAL COMMUNITIES FOR THE EXCHANGE OF GOODS IN THE EARLY BRONZE AGE**
Nordvall, Linn (Göteborgs universitet)
- 11:30 SOCIAL ORGANIZATION AND PRODUCTION IN THE BRONZE AGE IN TRANSYLVANIA**
Wittenberger, Mihai (National History Museum of Transylvania)
- 11:45 DISCUSSION SLOT**
- 12:00 SILO PITS AND STORAGE VESSELS: WAYS OF STOCKPILING IN THE YOUNGER AND LATE NEOLITHIC OF THE GERMAN LOWER MOUNTAIN RANGE**
Hoffmann, Robert (Institut fuer Ur- und Fruehgeschichte Kiel; CRC 1266, CAU Kiel)
- 12:15 THE ORIGIN OF SURPLUS ECONOMY. UNDERGROUND SUPRA-HOUSEHOLD STORAGE DURING THE LATE NEOLITHIC AND EARLY BRONZE AGE IN NE IBERIA**
Prats, Georgina - Moya, Andreu (Grup d'Investigació Prehistòrica, Departament d'Història, Universitat de Lleida) - Antolín, Ferran (Natural Sciences Department, German Archaeological Institute) - Alonso, Natàlia (Grup d'Investigació Prehistòrica, Departament d'Història, Universitat de Lleida)



12:30 BETWEEN THE DOMESTIC AND THE COLLECTIVE: A COMPARATIVE STUDY OF TWO BRONZE AGE STORAGE METHODS AT CABEZO REDONDO (VILLENNA, SPAIN)

Martín de la Sierra Pareja, Paula - García Atiénzar, Gabriel - Barciela González, Virginia (University of Alicante)

12:45 DISCUSSION SLOT

14:00 UNDERSTANDING DIET, POPULATION, AND LABOR THROUGH STORAGE IN BRONZE AGE WESTERN ANATOLIA

Shin, Nami (Koç University; Eberhard Karls Universität Tübingen)

14:15 SUBSISTENCE STRATEGIES AND SOCIAL COMPLEXITY IN THE BRONZE AGE LESSER POLAND

Korczyńska, Marta (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Lityńska-Zajac, Maria (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Kraków) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków)

14:30 BRONZE AGE ANIMAL HUSBANDRY IN SZÁZHALOMBATTA-FÖLDVÁR AND THE BENTA VALLEY

Bergerbrant, Sophie (Department of Historical Studies, Gothenburg University) - Giblin, Julia (Department of Sociology and Anthropology, Quinnipiac University) - Vicze, Magdolna (Hungarian National Museum) - Gál, Erika - Kiss, Viktória - Kulcsár, Gabriella (Institute of Archaeology, Research Centre for the Humanities, ELRN) - Kovács, Gabriella (Hungarian National Museum)

14:45 DISCUSSION SLOT

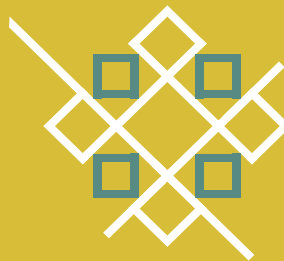
POSTERS

A. MILK IT FOR ALL IT'S WORTH: DAIRY CONSUMPTION AND DIACHRONIC DIETARY PATTERNS OF NEOLITHIC TO BRONZE AGE COMMUNITIES (SOUTHERN PORTUGAL)

Leite, Adriana (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour) - Costa, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Maurer, Anne France (HERCULES Laboratory, University of Évora) - Zdráhal, Zbyněk (Central European Institute of Technology, Masaryk University, Brno) - Chocholová, Eva (Department of Experimental Biology, Faculty of Science, Masaryk University, Brno) - Gillis, Rosalind (Referats Naturwissenschaften an der Zentrale des Deutschen, Deutsches Archäologisches Institut, Berlin, Deutschland; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Godinho, Ricardo Miguel (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve)

B. EVALUATING ANIMAL REMAINS FOR RECONSTRUCTIONS OF PALAEOECONOMY AND PALAEOENVIRONMENT IN BRONZE AGE SETTLEMENTS (WIETENBERG CULTURE) IN THE MUREȘ VALLEY (ROMANIA)

Malaxa, Daniel (Alexandru Ioan Cuza University of Iasi; Iasi Institute of Archaeology) - Marc, Antoniu (Museum of Dacian and Roman Civilisation, Deva) - Stanc, Simina (Alexandru Ioan Cuza University of Iasi) - Bejenaru, Luminita (Alexandru Ioan Cuza University of Iasi; Romanian Academy – Iași Branch, "Olga Necrasov" Center of Anthropological Research)



378 MOVING BEYOND THE FACT OF MOBILITY? RE-EVALUATING THE STRENGTHS AND LIMITATIONS OF STRONTIUM ISOTOPE ANALYSES IN ARCHAEOLOGY

Time: Thursday 1 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Snoeck, Christophe (Brussels Bioarchaeology Lab - BB-LAB, Vrije Universiteit Brussel - VUB) - Britton, Kate (Department of Archaeology, School of Geosciences, University of Aberdeen)

PAPERS

8:30 INTRODUCTION

8:45 STRONTIUM ISOTOPE ANALYSIS IN A GEOLOGICALLY VARIABLE LANDSCAPE: IRON AGE LANDSCAPE USE AND MOBILITY IN THE SOUTHERN UPPER RHINE VALLEY

Knipper, Corina (Curt Engelhorn Center Archaeometry gGmbH, Mannheim) - Bräuning, Andrea (Regierungspräsidium Stuttgart, Landesamt für Denkmalpflege) - Kilian, Imma (Independent Researcher) - Plouin, Suzanne (Université de Strasbourg, UMR 7044) - Roth-Zehner, Muriel (Archéologie Alsace, Sélestat; Université de Strasbourg, UMR 7044) - Stephan, Elisabeth (Regierungspräsidium Stuttgart, Landesamt für Denkmalpflege)

9:00 HOW TO CONSTRUCT A RELEVANT BASELINE OF BIOAVAILABLE ⁸⁷SR/⁸⁶SR? TESTING DIFFERENT APPROACHES TO CONSTRAIN MOBILITY IN BRONZE AGE GREECE

Frank, Anja (National Museum of Denmark; University of Hamburg) - Ioanna, Moutafi (University of Cambridge; American School of Classical Studies at Athens) - Herrmann, Nicholas (Texas State University) - Anna, Lagia (University of Freiburg) - Frei, Robert (University of Copenhagen) - Kristiansen, Kristian (University of Gothenburg; GLOBE Institute) - Frei, Karin (National Museum of Denmark)

9:15 ⁸⁷SR/⁸⁶SR AT COASTAL SITES – WHAT WE LEARN FROM MODERN ENVIRONMENTAL SAMPLES, GREENHOUSE STUDIES, AND PREHISTORIC INDIVIDUALS OF KNOWN RESIDENCE

Göhring, Andrea (Ludwig Maximilian University, Faculty of Biology, Department of Biology I, Anthropology and Human Genomics) - Jungklaus, Bettina (Anthropologie-BüroJungklaus) - Hölzl, Stefan (RiesKraterMuseum Nördlingen)

9:30 PROGRESS AND PITFALLS IN THE QUEST FOR FINDING THE TRUE NON-LOCALS. LESSONS FROM THE NORTH EUROPEAN PLAIN

Pospieszny, Lukasz (Bristol Isotope Group, University of Bristol; Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Lewis, Jamie (Bristol Isotope Group, University of Bristol)

9:45 SR VS TRIPLE (S-SR-O) ISOSCAPES: WHAT IMPACT ON GEOGRAPHICAL AND HISTORICAL ASSIGNMENTS OF MEDIEVAL INDIVIDUALS?

Jaouen, Klervia (GET/OMP/CNRS) - Méjean, Pauline (Géosciences Environnement Toulouse) - Marcigny, Cyril - Carpentier, Vincent (INRAP) - Colleter, Rozenn (Simon Fraser University; INRAP) - Bataille, Clément (University of Ottawa)

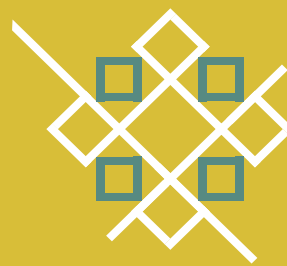
10:00 LEAD ISOTOPES OF PERSONAL OBJECTS AND STRONTIUM ISOTOPES OF HUMAN REMAINS – USEFUL COMBINATION IN MULTI-ISOTOPE PROVENANCING

Danielisova, Alzbeta - Bursák, Daniel (Institute of Archaeology of the CAS, Prague)

10:15 DISCUSSION SLOT

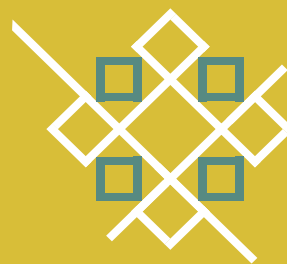
11:00 RECONSTRUCTING LIFE HISTORIES USING SERIAL CARBON, OXYGEN, AND STRONTIUM ISOTOPE VARIATION IN HUMAN DENTAL ENAMEL

Griffith, Jacob - James, Hannah - Veselka, Barbara - Cheung, Christina - 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)



- 11:15 COMBINING STRONTIUM AND SULPHUR ISOTOPIC ANALYSIS WITH ISOSCAPE MODELLING TO BETTER UNDERSTAND FAUNAL MOBILITY AND SPATIALITY**
Barakat, Sarah (Department of Archaeology, University of Aberdeen) - Jimenez, Elodie-Laure (Department of Archaeology, University of Aberdeen; Department of Direction Earth and History of Life, Royal Belgian Institute of Natural Sciences, Brussels) - Le Corre, Mael (Department of Archaeology, University of Aberdeen) - Grimes, Vaughan (Department of Archaeology; Department of Earth Sciences, Memorial University, St. John's) - Discamps, Emmanuel (TRACES, French National Centre for Scientific Research, University of Toulouse Jean Jaurès) - Britton, Kate (Department of Archaeology, University of Aberdeen)
- 11:30 IS THREE A CROWD? APPLICATIONS OF MULTI-ISOTOPE ANALYSIS OF TOOTH ENAMEL TO RECONSTRUCT SUB-ANNUAL MOBILITY PATTERNS IN PLEISTOCENE HOMININ PREY-SPECIES**
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)
- 11:45 PREY MOBILITY DURING THE LAST GLACIAL MAXIMUM IN EASTERN CENTRAL EUROPE**
Lengyel, György (University of Miskolc; The Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Anczkiewicz, Robert (Institute of Geological Sciences, Polish Academy of Sciences, Kraków) - Kowalik, Nina (The Institute of Systematics and Evolution of Animals Polish Academy of Sciences, Kraków) - Szegedi, Kristóf (Hungarian National Museum, Budapest) - Wilczyński, Jarosław (The Institute of Systematics and Evolution of Animals Polish Academy of Sciences, Kraków)
- 12:00 RECONSTRUCTING RANGIFER PALAEOMIGRATIONS: USE OF COMPUTATIONAL MODELLING TO LINK INTRA-TOOTH STRONTIUM ISOTOPE PROFILES TO BIOAVAILABLE STRONTIUM ISOSCAPES**
Le Corre, Mael (Department of Archaeology, University of Aberdeen) - Grimes, Vaughan (Department of Archaeology, Memorial University of Newfoundland) - Wright, Joshua (Department of Archaeology, University of Aberdeen) - Côté, Steeve (Caribou Ungava, Département de Biologie, Université Laval) - Britton, Kate (Department of Archaeology, University of Aberdeen)
- 12:15 RECONCEPTUALIZING THE "EXOTIC SPECIES" THROUGH STABLE ISOTOPE ANALYSIS; THE INSIGHT FROM THE WARI EMPIRE'S ZOOARCHAEOLOGY**
Tomczyk, Weronika (Stanford University) - Ebert, Claire (University of Pittsburgh)
- 12:30 DISCUSSION SLOT**
- 14:00 ACCEPTING THE CHALLENGE: STRONTIUM ISOTOPES ON THE BALEARIC ISLANDS (SPAIN)**
Valenzuela-Suau, Lua (ArqueoUIB Research Group, University of the Balearic Islands; SERP Research Group, University of Barcelona) - Valenzuela-Lamas, Sílvia (CSIC-Institució Milà i Fontanals) - Pena, Leopoldo (GRC Geociències Marines, University of Barcelona) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen) - Ramis Bernad, Damià (Independent researcher)
- 14:15 FACING CHALLENGES: MOBILITY STUDY THROUGH 87SR/86SR AND $\Delta 18O$ IN HUMAN DENTAL REMAINS BETWEEN THE CHALCOLITHIC AND IRON AGE IN BEJA(PORTUGAL)**
Melo, Linda (CIAS) - Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität) - Soares, António (Centro de Ciências e Tecnologias Nucleares - C2TN, Instituto Superior Técnico, Universidade de Lisboa) - Silva, Ana (Laboratory of Prehistory, Research Center in Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra)
- 14:30 STRENGTHS AND WEAKNESSES OF STRONTIUM ISOTOPES ANALYSIS ON THE EXAMPLE OF RESEARCH ON MEDIEVAL COMMUNITIES OF MAZOVIA AND PODLACHIA, POLAND**
Blaszczyk, Dariusz (University of Warsaw)
- 14:45 CONSIDERING CULTURAL DIETARY PRACTICES FOR INTERPRETING STRONTIUM ISOTOPES: THE PROBLEM OF NIXTAMALIZATION IN ANCIENT AND MODERN MEXICO**
Buckley, Gina - Renson, Virginie (University of Missouri Research Reactor)

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15:00 BEYOND MOBILITY: STRONTIUM, BARIUM AND CALCIUM RATIOS IN TOOTH ENAMEL AS SUPPLEMENTARY PALAEODIETARY INDICATORS

Blanz, Magdalena (Archaeology Institute, University of the Highlands and Islands, Orkney College UHI; Vienna Institute for Archaeological Science - VIAS, University of Vienna; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Stewart, Samuel (Environmental Research Institute, University of the Highlands and Islands; Université Paris-Saclay, CEA) - Mainland, Ingrid (Archaeology Institute, University of the Highlands and Islands, Orkney College UHI) - Ascough, Philippa (NEIF Radiocarbon Laboratory, Scottish Universities Environmental Research Centre) - Raab, Andrea - Feldmann, Jörg (Institute for Chemistry, TESLA - Analytical Chemistry, University of Graz) - Taggart, Mark (Environmental Research Institute, University of the Highlands and Islands)

15:15 MOBILITY AND PALAEODIETARY RECONSTRUCTIONS FROM COMBINED $\Delta 88\text{SR}$ AND $87\text{SR}/86\text{SR}$ ANALYSIS WITH FOCUS ON SLOVENIAN CEMETERIES

Gerritzen, Carina (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel) - Goderis, Steven (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel) - Leskovar, Tamara - Črešnar, Matija (Centre for interdisciplinary Research in Archaeology, Department of Archaeology, Faculty of Arts, University of Ljubljana) - James, Hannah (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel) - Potočnik, Doris - Ogrinc, Nives (Department of Environmental Sciences, Jožef Stefan Institute) - Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry Research Unit, Vrije Universiteit Brussel; Maritime Cultures Research Unit, Vrije Universiteit Brussel)

15:30 DISCUSSION SLOT

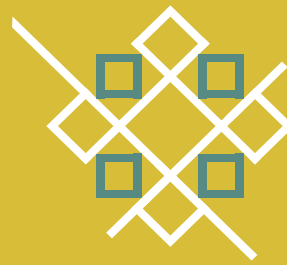
POSTERS

A. DETERMINING THE BEST TECHNIQUE FOR $87\text{SR}/86\text{SR}$ ISOTOPE ANALYSIS OF BIOARCHAEOLOGICAL REMAINS

Rogers, Bryony (Department of Archaeology, Durham University; National Environmental Isotope Facility, British Geological Survey) - Nowell, Geoff (Department of Earth Sciences, Durham University) - Pashley, Vanessa - Horstwood, Matthew (National Environmental Isotope Facility, British Geological Survey)

B. WERE THEY ACTUALLY LOCAL? STRONTIUM ISOTOPE ANALYSIS OF INDIVIDUALS FROM THE ROMAN CEMETERY OF LUCUS FERONIAE (ROME, ITALY)

Farese, Martina (Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Bernardini, Sara (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence; Dipartimento di Biologia Ambientale, Sapienza Università di Roma) - Zeppilli, Carlotta - Micarelli, Ileana - Manzi, Giorgio - Tafuri, Mary Anne (Dipartimento di Biologia Ambientale, Sapienza Università di Roma)



379 THE ARCHAEOLOGY OF LARGE-SCALE CONFLICTS: THE EMERGENCE OF THE MONGOL EMPIRE AND THE INVASION OF CENTRAL-EUROPE IN ITS EURASIAN CONTEXT

Time: Thursday 1 Sept, 14:00 - 16:00

Format: Discussion session

Organisers: Laszlovszky, József (Central European University PU, Vienna) - Nagy, Balázs (Eötvös Loránd University, Budapest)

PAPERS

14:00 INTRODUCTION

14:15 NEW TRENDS IN THE RESEARCH OF THE ARCHAEOLOGY OF THE MONGOL INVASION IN CENTRAL-EUROPE

Laszlovszky, József (Central European University, Budapest - KEE, CEU PU Vienna)

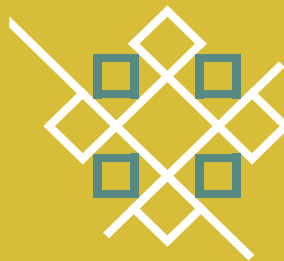
14:30 URBANISATION IN THE PERIOD OF LARGE-SCALE CONFLICTS: IMPACT OF THE MONGOL INVASIONS ON THE URBAN NETWORK OF THIRTEENTH-CENTURY HUNGARY

Nagy, Balázs (Eötvös Loránd University, Budapest)

14:45 LONGTERM IMPACTS OF THE MONGOL INVASION: TRACES OF STRUCTURAL CHANGES IN THE KINGDOM OF HUNGARY (1241-1332)

F. Romhányi, Beatrix (Károli Gáspár University of the Reformed Church)

15:00 DISCUSSION SLOT



383 SCALING UP: ARCHAEOLOGICAL SCIENCE CONTRIBUTIONS TO BIG-PICTURE NARRATIVES ON HUMAN-ANIMAL RELATIONS

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Discussion session

Organisers: Milek, Karen (Durham University, Department of Archaeology) - Armstrong-Oma, Kristin (University of Stavanger, Museum of Archaeology)

PAPERS

16:30 INTRODUCTION

16:45 FISH FOR FOOD? NOT AT ALL! FISH AS PRESTIGE OBJECTS IN ANCIENT ROME

Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA)

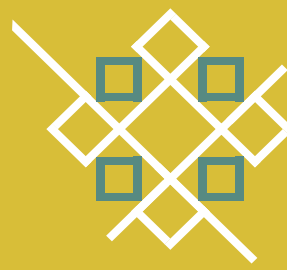
17:00 THE BIG PIG PICTURE: SUID-HUMAN RELATIONSHIPS AND MANAGEMENT PRACTICES IN THE NEOLITHIC AND CHALCOLITHIC OF SOUTH-EASTERN EUROPE AND BEYOND

Blanz, Magdalena (Vienna Institute for Archaeological Science - VIAS, University of Vienna, Austria; Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Balasse, Marie (UMR7209 'Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements', CNRS/MNHN) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Gorczyk, John (Dept. Anthropology, Cornell University) - Bălăşescu, Adrian (Institute of Archaeology, Romanian Academy) - Radu, Valentin (National History Museum of Romania, Bucharest) - Fiorillo, Denis (UMR7209 'Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements', CNRS/MNHN) - Ivanova, Maria (Vienna Institute for Archaeological Science - VIAS, University of Vienna, Austria; Human Evolution and Archaeological Sciences - HEAS, University of Vienna)

17:15 INTEGRATING STABLE ISOTOPE AND ZOOARCHAEOLOGICAL EVIDENCE TO UNDERSTAND HUMAN-ANIMAL-ENVIRONMENT RELATIONS DURING THE LATE PLEISTOCENE

Jones, Jennifer (University of Central Lancashire) - Marín-Arroyo, Ana (Grupo de I+D+i EVOADAPTA - Evolución Humana y Adaptaciones Económicas y Ecológicas durante la Prehistoria. Dpto. Ciencias Históricas. Universidad de Cantabria)

17:30 DISCUSSION SLOT



384 WOMEN'S STATUS AND AGENCY IN THE NEOLITHIC AND METAL AGES OF CENTRAL EUROPE [AGE]

Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Jaeger, Mateusz (Adam Mickiewicz University in Poznań, Institute of European Culture) - Kulcsár, Gabriella (Institute of Archaeology Research Centre for the Humanities) - Stróżyk, Mateusz (Poznań Archaeological Museum) - Rebay-Salisbury, Katharina (Austrian Archaeological Institute, Austrian Academy of Sciences) - Melis, Eszter (Institute of Archaeology Research Centre for the Humanities)

PAPERS

8:30 INTRODUCTION

8:45 THE WOMEN OF THE GUMELNIȚA SITE (ROMANIA, 5TH MILLENNIUM BC): FARMERS, HUNTRESSES, PASTORALISTS? A STUDY ON STABLE ISOTOPES

García-Vázquez, Ana (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest) - Balasescu, Adrian - Vasile, Gabriel - Golea, Mihaela ("Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest) - Radu, Valentin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest; National Museum of Romanian History, Bucharest) - Lazar, Catalin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB, University of Bucharest)

9:00 TEMPORALITY AND GENDER RELATIONS DURING THE EARLY NEOLITHIC IN CENTRAL EUROPE: THE CASE OF "SCHWETZINGEN" CEMETERY (SOUTH-WESTERN GERMANY)

Masclans, Alba (Consejo Superior de Investigaciones Científicas – CSIC Institución Milà i Fontanals – IMF) - Bickle, Penny (University of York, Department of Archaeology) - Díaz-Zorita Bonilla, Marta (University of Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters) - Francken, Michael (Landesamt für Denkmalpflege) - Morell, Berta (Consejo Superior de Investigaciones Científicas – CSIC Institución Milà i Fontanals – IMF)

9:15 GENDER ON THE MOVE: CHRONOLOGY AND EXOGAMIC PRACTICES AT THE BEGINNING OF FARMING. THE CASE OF NORTH CARPATHIAN BASIN

Morell, Berta (Milà i Fontanals Institution-Spanish National Research Council - IMF-CSIC) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, University of Tübingen) - Bickle, Penny (Department of Archaeology, University of York) - Tvrdý, Zdeněk (Anthropos Institute, Moravian Museum) - Masclans, Alba (Milà i Fontanals Institution-Spanish National Research Council - IMF-CSIC)

9:30 IS IT A MAN'S WORLD? WOMEN BURIALS IN WESTERNMOST YAMNAYA REGIONS

Preda-Balanica, Bianca (University of Helsinki)

9:45 GENDER INTENSITY AT EARLY BRONZE AGE CEMETERIES IN AUSTRIA

Rebay-Salisbury, Katharina (Austrian Academy of Sciences)

10:00 WOMEN'S IDENTITY AND STATUS WITHIN THE EARLY AND MIDDLE BRONZE AGE INHUMATION BURIALS FROM WESTERN HUNGARY

Melis, Eszter (Institute of Archaeology, Research Centre for the Humanities, ELRN)

10:15 DISCUSSION SLOT

11:00 GENDER ROLES IN PREHISTORIC AGRICULTURE? – HARVESTING DURING THE BRONZE AGE IN CENTRAL EUROPE

Fejer, Eszter (Eötvös Loránd University)

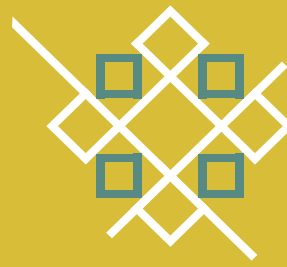
11:15 A WOMAN AS THE REFLECTION OF HER MAN? TESTIMONY OF THE EARLY BRONZE AGE CEMETERIES IN KOLÍN AND MIKULOVICE (BOHEMIA)

Langova, Michaela - Papac, Luka - Šumberová, Radka - Brzobohatá, Hana - Ernée, Michal (Institute of Archaeology of the Academy of Sciences of the Czech Republic, Prague)

11:30 MEN MAKE THE WORLD GO ROUND? THE STATUS OF WOMEN IN THE LIGHT OF ANALYSES OF EBA CEMETERIES IN SLOVAKIA

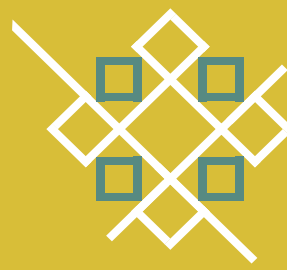
Jaeger, Mateusz (Adam Mickiewicz University in Poznań) - Stróżyk, Mateusz (Poznań Archaeological Museum) - Olexa, Ladislav (Institute of Archaeology Slovak Academy of Sciences)

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- 11:45** **FEMALE MOBILITY IN A CHANGING BRONZE AGE WORLD: INVESTIGATING THE CONNECTIONS BETWEEN MOBILITY OF PEOPLE AND SHIFTING TRADING NETWORKS 1300BC**
Noergaard, Heide (Moesgaard Museum, Department of Archaeology)
- 12:00** **BRONZE AGE 'PRINCESS' OF SÜKÖSD: CASE STUDY ON WOMEN'S STATUS AND AGENCY IN TUMULUS CULTURE IN THE CARPATHIAN BASIN**
Pap, Evelin (Türr István Múzeum és Bácskai Művelődési Központ) - Csuvár-Andrási, Réka - Pásztor, Emília (Türr István Múzeum és Bácskai Művelődési Központ)
- 12:15** **THE ROLE(S) OF WOMEN IN SITULA ART**
Schaller, Clara (Ludwig-Maximilians-Universität Munich)
- 12:30** **DISCUSSION SLOT**



385 PLACE NAME AND ARCHAEOLOGY – NEW INTERDISCIPLINARY APPROACHES IN EUROPE

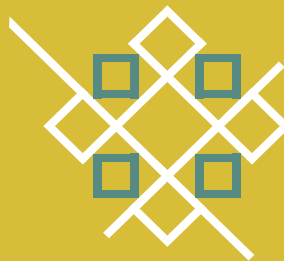
Time: Thursday 1 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Ødegaard, Marie (Museum of Archaeology, University of Stavanger) - Albris, Laurine (National Museum of Denmark)
- Heinsonen, Tuuli (University of Helsinki)

PAPERS

- 14:00 THE NAME OF THE PELOPONNESE AND RELATED ISLAND NAMES IN ANTIQUITY**
Patay-Horváth, András (Research Centre for the Humanities)
- 14:15 FINDING OLD SETTLEMENTS IN NEW WAYS? PLACE NAMES, DESERTED MEDIEVAL VILLAGES AND LIDAR**
Heinsonen, Tuuli (University of Helsinki)
- 14:30 DID THE URNE FAMILY CLEAR THE WOODS? WHAT DO THE PLACENAMES SAY?**
Hartvig, Anders (Museum Sonderjylland)
- 14:45 DISCUSSION SLOT**
- 15:00 ARCHAEOLOGICAL-TOPONASTIC RESEARCH AND SPATIAL ANALYSIS OF EARLY MEDIEVAL BAVARIA**
Janovská, Viktorie (Charles University)
- 15:15 THE RELATIONSHIP BETWEEN ARCHAEOLOGY, PLACE NAMES AND ORAL TRADITION, IN PORTUGAL – AN INTERDISCIPLINARY APPROACH**
Vieira, Alexandra (CITCEM - Transdisciplinary Research Centre «Culture, Space and Memory»; Instituto Politécnico de Bragança)
- 15:30 PLACE NAMES AND PRE-CHRISTIAN RITUAL SITES IN SCANDINAVIA - HOW NEW ARCHAEOLOGICAL FINDS PUSH OUR VIEWS ON TERMINOLOGY**
Albris, Sofie Laurine (National Museum of Denmark)
- 15:45 DISCUSSION SLOT**
- 16:30 BEACONS AND MILITARY COMMUNICATION IN THE VIKING AGE. PLACE NAMES OF CIVIL DEFENCE IN WESTERN NORWAY**
Ødegaard, Marie (Museum of Archaeology, University of Stavanger)
- 16:45 CAN'T SEE THE MONKS FOR THE TREES - TOPONYMS IN THE SERVICE OF PAULINE MONASTIC LANDSCAPE STUDIES**
Peto, Zsuzsa (Hungarian National Museum / Magyar Nemzeti Múzeum; Central European University, Medieval Studies Doctoral Program)
- 17:00 PLACE NAMES AND THE LANDSCAPE OF THE NORDIC BEACON SYSTEM IN THE MEDIEVAL AND POST MEDIEVAL PERIOD**
Nytun, Arve (Møre og Romsdal county)
- 17:15 DISCUSSION SLOT**



392 THE ANTI-HABI TOOLKIT: PRACTICAL SOLUTIONS AND MEASURES FOR PREVENTING AND ADDRESSING HARASSMENT, ASSAULT, BULLYING AND INTIMIDATION IN ARCHAEOLOGY [AGE]

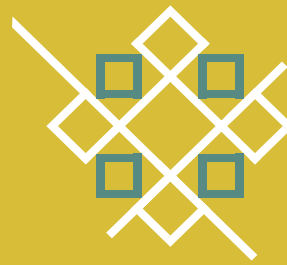
Time: Thursday 1 Sept, 16:30 - 18:30

Format: Discussion session

Organisers: Coltofean-Arizancu, Laura (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts; Archaeology and Gender in Europe - AGE - Community of the EAA) - Gaydarska, Bisserka (Durham University; Archaeology and Gender in Europe - AGE - Community of the EAA) - Hlad, Marta (Vrije Universiteit Brussel; Université Libre de Bruxelles; Archaeology and Gender in Europe - AGE - Community of the EAA)

PAPERS

- 16:30 POWER, PATRIMONY AND THE PRECARIAT IN ACADEMIC ARCHAEOLOGY: A CASE STUDY FROM IRELAND**
Whitefield, Andrew (National University of Ireland, Galway)
- 16:45 #EXCAVATIONINPROGRESS – PRACTICAL EXAMPLES FROM THE SWEDISH MOVEMENT AGAINST SEXUAL HARASSMENT AND GENDER INEQUALITY**
Bergerbrant, Sophie (Department of Historical Studies, Gothenburg University) - Aldén Rudd, Petra (Rio Göteborg) - Berg, Ingrid (Centre for Integrated Research on Culture and Society - CIRCUS, Uppsala University)
- 17:00 WHERE DO WE DRAW THE LINE? LESSONS FROM WORKPLACE ANTI-HARASSMENT INTERVENTIONS**
Hawkins, Kayt (Kathryn) (Institute of Archaeology, University College London) - Siddall, Ruth (University College London)
- 17:15 CHALLENGES FOR FOSTERING EQUALITY AND INTERSECTIONALITY AT THE UNIVERSITY OF BARCELONA: THE CASE OF THE INSTITUTE OF ARCHAEOLOGY (IAUB)**
Pastor Pérez, Ana (Institute of Archaeology of the University of Barcelona - IAUB; Norwegian Institute for Cultural Heritage Research - NIKU; Research Group on Cultural Heritage Management of the Complutense University of Madrid - UCM.; Grup d'Arqueologia Publica i Patrimoni - GAPP) - Mas Florit, Catalina - Pecci, Alessandra - Plaza Conesa, Paula (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB; Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Zarzuela Gutiérrez, Paloma (Grup d'Arqueologia Publica i Patrimoni - GAPP; Institut d'Arqueologia de la Universitat de Barcelona - IAUB)
- 17:30 WELFARE AND WELLBEING IN ARCHAEOLOGY – WHO IS RESPONSIBLE AND HOW CHANGE CAN BE GENERATED?**
Coltofean-Arizancu, Laura - Gaydarska, Bisserka - Hlad, Marta (Archaeology and Gender in Europe - AGE - Community of the EAA)
- 17:45 DISCUSSION SLOT**



394 SO MANY SETTLEMENTS SO FEW GRAVES? NEOLITHIC AND CHALCOLITHIC PRACTICES WITH THE DEAD IN CIRCUM PONTIC REGION AND SOUTHEASTERN EUROPE

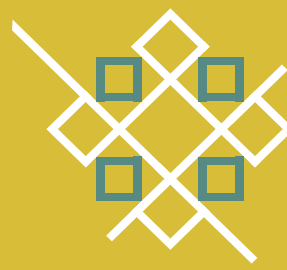
Time: Thursday 1 Sept, 8:30 - 10:30

Format: Regular session

Organisers: Shatilo, Liudmyla (Institute of Archaeology NASU; Kiel University, Institute of Prehistoric and Protohistoric Archaeology) - Hofmann, Robert (Kiel University, Institute of Prehistoric and Protohistoric Archaeology; CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies") - Naumov, Goce (Goce Delcev University of Štip, Institute of History and Archaeology)

PAPERS

- 8:30 NOT JUST ANOTHER BURIAL GROUND: THE EARLY NEOLITHIC DITCH BURIALS AT NOVA NADEZHDA IN UPPER THRACE**
Bacvarov, Krum - Nikolova, Nikolina - Katsarov, Georgi - Tsurev, Atanas (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences) - McSweeney, Kathleen (School of History, Classics and Archaeology, University of Edinburgh)
- 8:45 THE ABSENCE OF INTRAMURAL BURIALS IN NEOLITHIC PELAGONIA**
Naumov, Goce (Center for Prehistoric Research; Museum of Macedonia)
- 9:00 SO FEW GRAVES SO MANY SETTLEMENTS! THE CURIOUS CASE OF CHALCOLITHIC PEOPLE FROM SOUTHEASTERN ROMANIA (C. 5200-3900 BCE)**
Covataru, Cristina - Toma, Andreea - Popescu, Gabriel - Petrache, Noria - Lazar, Catalin (ArchaeoSciences Division, ICUB, University of Bucharest)
- 9:15 DISCUSSION SLOT**
- 9:30 DEATH IN FIRE? RECONSIDERING HUMAN REMAINS FROM THE TRIPOLYE SETTLEMENT KOSENVKA, UKRAINE**
Shatilo, Liudmyla (Institute of Archaeology of the National Academy of Science of Ukraine) - Fuchs, Katharina (Kiel University, Institute of Clinical Molecular Biology) - Hofmann, Robert (Kiel University, CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies")
- 9:45 FUNERAL RITES AND RITUALS IN CUCUTENI CULTURE**
Preoteasa, Constantin (Neamț National Museum Complex)
- 10:00 GHOSTS AND ANCESTORS, PITS AND HOUSES: DIFFERENT APPROACHES OF THE RITE DE PASSAGE IN NEOLITHIC AND CHALCOLITHIC SOCIETIES**
Mueller, Johannes (Institut fuer Ur- und Fruehgeschichte Kiel)
- 10:15 DISCUSSION SLOT**



396 REENACTMENT AND LIVING MUSEUM – MAKE HISTORY ACCESSIBLE

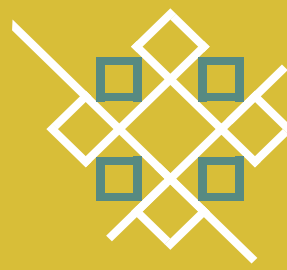
Time: Thursday 1 Sept, 8:30 - 15:00

Format: Regular session

Organisers: Abonyi, Zsanett (Budapest History Museum - Aquincum Museum) - Lenár, Vilmos György (Colonia Rostallo Kulturális és Hadtörténelmi Alapítvány; Eötvös Loránd University) - Burandt, Boris (State Office for Archaeological Heritage Protection, Rhineland)

PAPERS

- 8:30 BETTER TOGETHER - WAYS AND PATHS, HOW SCIENTIFIC APPROACH AND HISTORICAL REENACTMENT CAN GO HAND-IN-HAND**
Abonyi, Zsanett (Budapesti Történelmi Múzeum/ Budapest History Museum)
- 8:45 REENACTMENT AS A PROJECT OF PARTICIPATION**
Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 9:00 REENACTMENT AND ACADEMIA - A RELATIONSHIP WITH OBSTACLES**
Burandt, Boris (Archaeological Museum Burg Linn, Krefeld)
- 9:15 NEW POSSIBILITIES OF RECONSTRUCTIONIST APPROACH IN REENACTMENT AND MUSEUM PRESENTATIONS**
Lenár, Vilmos (Colonia Rostallo Kulturális és Hadtörténelmi Alapítvány; Eötvös Loránd University)
- 9:30 DISCUSSION SLOT**
- 9:45 PROFESSIONALISING LIVING HISTORY: THE ROCKY ROAD TO RECOGNITION OF INHERENT EXPERTISE**
Frank, Geza (Living History)
- 10:00 THE HISTORICAL REENACTMENT IN HUNGARY**
Simó, Márton (ethnographer; museologist)
- 10:15 DANUVINA ALACRIS - MAKING HISTORY ACCESSIBLE THROUGH A ROMAN RECONSTRUCTED SHIP**
Pálóczi, Réka (Kulturális Örökség Menedzserek Egyesülete)
- 11:00 DISCUSSION SLOT**
- 11:15 FAST OR SLOW FASHION APPROACH IN LIVING ARCHAEOLOGICAL INTERPRETATIONS AND NARRATIVES? A FROM-DATA-TO-INTERPRETATION EXPERIENCE WITH ROMAN TEXTILE-REFURBISHING WORKSHOPS**
Pásztkai-Szeoke, Judit (freelance archaeologist)
- 11:30 PRESENTING ROMAN GLASS VESSELS FROM THE AQUINCUM CIVIL TOWN**
Kelemen, Zsófia (Budapest History Museum)
- 11:45 THE WAYS OF HISTORICAL RECONSTRUCTION IN THE XXITH CENTURY**
Mestellér, János (Foedus Orientalis Cultural Association; Kazár Bazár)
- 12:00 DISCUSSION SLOT**
- 12:15 PERFORMING ETHNICISM? EARLY MEDIEVAL RE-ENACTMENT AS PART OF RADICAL RIGHT-WING SUBCULTURE IN CENTRAL EUROPE**
Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO)
- 12:30 FROM AN ARCHAEOLOGICAL SITE TO A NOBLE FEAST – HISTORICAL AND EXPERIMENTAL COOKING PRACTICE IN HUNGARY**
Zay, Orsolya (Dobó István Vármúzeum)
- 12:45 ARCHEOMARKETING BUDAPEST, HISTORY ON THE HUNGARIAN MARKET**
Sebo, Béla (No)
- 14:00 DISCUSSION SLOT**



397 **ARCHAEOLOGICAL PROSPECTION AND FIELD EVALUATION PRACTICE FROM BOLOGNA PROCESS TO CONVENTION OF LA VALETTA. DO WE PRACTICE WHAT WE PREACH? [ARCHAEOLOGICAL PROSPECTION]**

Time: Thursday 1 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Verhegge, Jeroen (Ghent University-Department of Archaeology; Ghent University-Department of Environment) - De Smedt, Philippe (Ghent University-Department of Environment; Ghent University-Department of Archaeology) - Sarris, Apostolos (University of Cyprus-Department of History and Archaeology) - Simon, François-Xavier (Institut national de recherches archéologiques préventives, Direction Scientifique et Technique; Laboratoire Chrono-environnement - CNRS - UFC, UMR 6249)

PAPERS

8:30 INTRODUCTION

8:45 APPLYING NON-INTRUSIVE METHOD "WHENEVER POSSIBLE?" - THE VALETTA CONVENTION AND THE ICOMOS CHARTER AS SEEN FROM NORWEGIAN HERITAGE MANAGEMENT VIEWPOINT

Stamnes, Arne (NTNU University Museum, Dept. of Archaeology and Cultural History; The National Museum of Denmark, Dept. of Ancient cultures of Danish and the Mediterran; Aarhus University, Dept. of Geoscience)

9:00 THE USE OF NON-DESTRUCTIVE METHODS WITHIN DEVELOPMENT-LED PROSPECTION. NEW EXPERIENCES FROM MØRE & ROMSDAL, NORWAY

Dahle, Kristoffer (NTNU University Museum; Møre & Romsdal County)

9:15 LARGE INFRASTRUCTURE CONSTRUCTIONS - AN INTEGRATION OF ARCHAEOGEOPHYSICAL PROSPECTION IN TO THE DEVELOPMENT-LED ARCHAEOLOGY IN THE CZECH REPUBLIC

Tencer, Tomáš - Milo, Peter (Masaryk University; Faculty of Arts; Department of Archaeology and Museology) - Hlas, Jindřich - Zezula, Michal (The National Heritage Institute, Regional Office Opava) - Šálka, David - Havelka, Jan - Vágner, Michal (Masaryk University; Faculty of Arts; Department of Archaeology and Museology)

9:30 ARCHAEOLOGICAL PROSPECTION IN THE NETHERLANDS VIEWED FROM A COMMERCIAL COMPANY

Orbons, Joep (ArcheoPro)

9:45 TARTARIA - PODU TARTARIEI VEST. IDENTIFYING A SITE BY DEVELOPMENT-LED ARCHAEOLOGY AND SETTING UP A SCHEDULED MULTI-ANNUAL RESEARCH PROGRAM

Bors, Corina Ioana (National History Museum of Romania - MNIR) - Asandulesei, Andrei - Tencariu, Felix ("Alexandru Ioan Cuza" University - Iasi) - Cocis, Horatiu (County Museum of History and Art - Zalau)

10:00 INTEGRATING GEOCHEMICAL AND GEOPHYSICAL SURVEY DATA FOR DEVELOPER-LED INVESTIGATIONS. AN EXPLORATORY APPROACH FOR THE R ENVIRONMENT

Hewitt, Richard (Madrid Complutense University) - Horák, Jan (Czech University of Life Sciences)

10:15 DISCUSSION SLOT

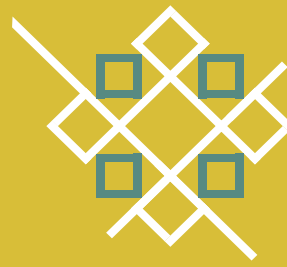
11:00 INNOVATIVE GPR PROSPECTING ON CULTURAL HERITAGE

Persico, Raffaele (University of Calabria) - Catapano, Ilaria - Ludeno, Giovanni (IREA-CNR) - D'Amico, Sebastiano - Colica, Emanuele (University of Malta) - Giardino, Claudio - Zappatore, Tiziana - Auriemma, Rita - Coluccia, Luigi - Antonazzo, Antonella (University of Salento)

11:15 PREDICTING DYNAMIC GEOPHYSICAL CONTRASTS OF ARCHAEOLOGICAL FEATURES AT VALTHER-TWEELING: A PATHWAY TOWARDS MORE ROBUST IMPLEMENTATION OF GEOPHYSICS IN DEVELOPMENT-LED ARCHAEOLOGY?

Verhegge, Jeroen (Department of Archaeology, Faculty of Arts & Philosophy, Ghent University; Department of Environment, Faculty of Bioscience Engineering, Ghent University) - Mendoza Veirana, Gaston - Cornelis, Wim (Department of Environment, Faculty of Bioscience Engineering, Ghent University) - Crombé, Philippe (Department of Archaeology, Faculty of Arts & Philosophy, Ghent University) - Grison, Hana (Institute of Geophysics of the Czech Academy of Sciences) - De Kort, Jan-Willem - Rensink, Eelco (Cultural Heritage Agency of the Netherlands) - De Smedt, Philippe (Department of Environment, Faculty of Bioscience Engineering, Ghent University; Department of Archaeology, Faculty of Arts & Philosophy, Ghent University)

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11:30 SIMULATING TRENCHING FOR ARCHAEOLOGICAL EVALUATION: COMPARING THE VARIABILITY OF RESULTS AND DEALING WITH THE PROBLEM OF FALSE NEGATIVES

Higham, Richard (University of Brighton; SEAHA - EPSRC Centre for Doctoral Training in Science and Engineering in Arts, Heritage and Archaeology) - Carey, Chris (University of Brighton) - Corcoran, Jane (Historic England) - Knight, David (Trent & Peak Archaeology) - Brolly, Matthew - Cole, James (University of Brighton)

11:45 DISCUSSION SLOT

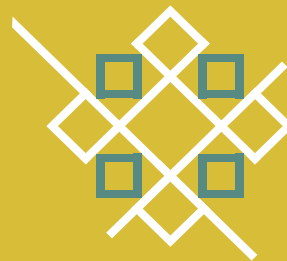
POSTERS

A. ARCHAEOLOGICAL SURFACE PROSPECTION: FROM UNIVERSITY TEACHING TO FIELD PRACTICE. THE STATE OF THE QUESTION IN PORTUGAL

Pereira Rocha, Leonor Maria (Universidade de Évora; CEAACP/UALg) - Branco, Gertrudes (CHAIA/ Universidade de Évora)

B. THE LEGAL THEORY AND PRACTICAL EXERCISE OF ARCHAEOLOGICAL HERITAGE CONSERVATION

Branco, Gertrudes (CHAIA) - Rocha, Leonor (CEAACP/UALg)



400 STEP BY STEP. THE ROUGH ROAD TOWARDS COMMUNITY ARCHAEOLOGY

Time: Thursday 1 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Wollak, Katalin (Independent heritage expert; Hungarian Association of Archaeology and Art History) - Mařík, Jan (Institute of Archeology of the CAS, Prague) - Rácz, Ákos (Ferenczy Museum Centre, Szentendre; Community Archaeology Association)

PAPERS

14:00 INTRODUCTION

14:15 METAL DETECTING AS CITIZEN SCIENCE IN DENMARK

Dobat, Andres (Department of Archaeology, Aarhus University; Moesgaard Museum - MOMU)

14:30 METAL DETECTING AS PART OF ARCHAEOLOGICAL CIVIC SCIENCE IN THE CZECH REPUBLIC - CURRENT DEVELOPMENT, CHALLENGES, AND THREATS

Komoróczy, Balázs - Vlach, Marek - Kmošková, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Brno)

14:45 THE ROLE OF THE HUNGARIAN NATIONAL MUSEUM IN COMMUNITY ARCHAEOLOGY

Vida, István - Rózsa, Zoltán (Hungarian National Museum / Magyar Nemzeti Múzeum)

15:00 DISCUSSION SLOT

15:15 NAVIGATING THE BUMPY ROAD: HUNDREDS OF HOBBYISTS, THOUSANDS OF FINDS, AND RELATED ISSUES IN ESTONIA

Kurissoo, Tuuli (Tallinn University)

15:30 CURRENT ARCHAEOLOGY, THE PROTECTION OF MONUMENTS AND THE LAIC PUBLIC IN SLOVAKIA. PROBLEMS AND SOLUTIONS

Ruttkay, Matej - Pieta, Karol (Institute of Archaeology, Slovak Academy of Sciences)

15:45 DISCUSSION SLOT

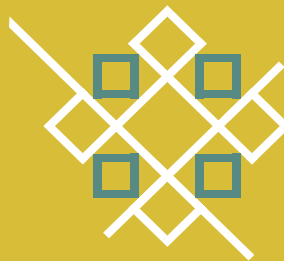
16:30 COMMUNITY ARCHAEOLOGY IN FEJÉR COUNTY (HUNGARY) – PROTOCOL, ACHIEVEMENTS AND CHALLENGES

Szücsi, Frigyes - Kiss, Alexandra (Szent István Király Museum; Community Archaeology Association)

16:45 SAVING A HUNGARIAN CASTLE SZADVAR, CIVILIANS BUILDING COMMUNITY FOR ARCHEOLOGY

Dobos, Janos (Friends of Szadvar)

17:00 DISCUSSION SLOT



402 SCALING BRONZE AGE SOCIETIES – BETWEEN THE MICRO AND MACRO

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Austvoll, Knut Ivar (University of Oslo; University of Gothenburg) - Horn, Christian (University of Gothenburg) - Anfinset, Nils (University of Bergen)

PAPERS

16:30 INTRODUCTION

16:45 SCALING AND EVALUATING LATE NEOLITHIC AND BRONZE AGE SETTLEMENT SITES IN SOUTH-EASTERN NORWAY

Sand-Eriksen, Anette (Museum of Cultural History, University of Oslo)

17:00 POPULATION DYNAMICS IN MIDDLE AND LATE BRONZE AGE BRITAIN FROM THE MACRO TO THE MICRO-SCALE

Armit, Ian - Bleasdale, Madeleine (University of York) - Büster, Lindsey (University of York; Canterbury Christchurch University) - Fischer, Claire-Elise (University of York) - Evans, Jane (British Geological Survey) - Reich, David (Harvard University)

17:15 MODELLING LOCAL BRONZE AGE SOCIETIES IN SCANDINAVIA

Austvoll, Knut Ivar (University of Oslo) - Artursson, Magnus - Horn, Christian - Green, Ashely - Ling, Johan (University of Gothenburg)

17:30 THE MICRO, THE MACRO AND THE COMPLEX: THEORETICAL AND EPISTEMOLOGICAL CHALLENGES OF APPLYING MULTI-SCALAR APPROACHES TO PREHISTORIC SOCIETIES

Moyano Di Carlo, Julián (University of Gothenburg)

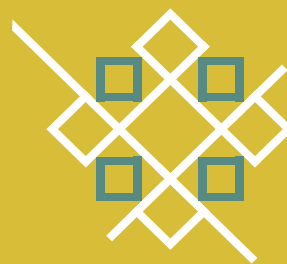
17:45 ENCIRCLED BY STONES. POTTERY, DEATH, WOMEN, AND POLITICS ACROSS THE BALTIC SEA

Polanska, Weronika (University of Oslo)

18:00 WATER AND THE AFTERLIFE – WATER-RELATED RESOURCES IN THE BURIAL CONSTRUCTION OF THE NORDIC BRONZE AGE

Horn, Christian (Gothenburg University)

18:15 DISCUSSION SLOT



403 DOMESTICATION OF SPACE: INTERNAL AND EXTERNAL DWELLING STRUCTURES IN MIDDLE AND UPPER PALAEOLITHIC SITES [PAM]

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

Organisers: PEAN, Stéphane (Muséum national d'Histoire naturelle, UMR 7194 HNHP) - Shydlovskiy, Pavlo (Taras Shevchenko National University of Kyiv, Department of Archaeology and Museology) - Mester, Zsolt (Eötvös Loránd Tudományegyetem BTK Régészettudományi Intézet)

PAPERS

16:30 INTRODUCTION

16:45 STUDYING SPATIAL PATTERNS AT THE ABRI DU MARAS (SOUTH-EAST FRANCE, MIS 3): A GIS ANALYSIS AND 3D PALAEO TOPOGRAPHIC RECONSTRUCTION

Guillemot, Pierre - Moncel, Marie-Hélène (Muséum National d'Histoire Naturelle - MNHN, UMR 7194 HNHP) - Jaillet, Stéphane (Laboratoire Environnement Dynamiques et Territoires de Montagne - EDYTEM, UMR 5204) - Chacón, M. Gemma (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA; Departament d'Història i Història de l'Art, Universitat Rovira i Virgili - URV; Muséum National d'Histoire Naturelle - MNHN, UMR 7194 HNHP) - Pois, Véronique (Université Perpignan Via Domitia - UPVD, UMR 7194 HNHP)

17:00 THREE LITHIC CLUSTERS – THREE DIFFERENT FUNCTIONS? LITHIC ANALYSIS OF THE ASSEMBLAGES FROM MOGYORÓSBÁNYA, N-HUNGARY

Markó, András (Hungarian National Museum - Budapest; University of Szeged)

17:15 LATE UPPER PALAEO LITHIC DWELLING STRUCTURES FROM MOHELNO- PLEVOVCE (MORAVIA, CZECH REPUBLIC)

Bartík, Jaroslav - Škrdla, Petr (Institute of Archaeology of the CAS, Brno) - Nejman, Ladislav (School of Archaeology and Anthropology, The Australian National University) - Demidenko, Yuri (Ferenc Rákóczi II Transcarpathian Hungarian Institute; Institute of Archaeology NASU) - Rychtaříková, Tereza - Augustinová, Klára (Institute of Archaeology of the CAS, Brno)

17:30 INTERNAL AND EXTERNAL STRUCTURES OF THE UPPER PALAEO LITHIC DWELLING NO.4 FROM MEZHYRICH SETTLEMENT (UKRAINE)

Shydlovskiy, Pavlo (Taras Shevchenko National University of Kyiv; Muséum national d'histoire naturelle, UMR 7194 HNHP; Centre for Paleoethnological Research) - Péan, Stéphane (Muséum national d'histoire naturelle, UMR 7194 HNHP) - Tsvirkun, Ostap (National Museum of the History of Ukraine; National University of Kyiv-Mohyla Academy; Centre for Paleoethnological Research) - Chymyrys, Marharyta (Taras Shevchenko National University of Kyiv; Centre for Paleoethnological Research) - Dudnyk, Diana (Institute of Archaeology of the NAS of Ukraine; Centre for Paleoethnological Research)

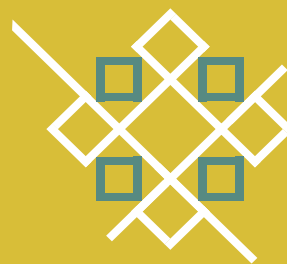
17:45 LATE PALAEO LITHIC AND MESOLITHIC SETTLEMENT FEATURES IN THE CARPATHIAN BASIN

Király, Attila - Mester, Zsolt - Faragó, Norbert (Eötvös Loránd University Institute of Archaeological Sciences)

18:00 THE CORNERSTONES OF PALEOLITHIC DWELLING STRUCTURES: WHAT IS EVIDENT?

Chu, Wei (Leiden University)

18:15 DISCUSSION SLOT



404 SOCIO-ENVIRONMENTAL SYSTEMS AND RESILIENCE TO DISTURBANCE REGIMES

Time: Thursday 1 Sept, 8:30 - 10:30

Format: Regular session

Organisers: Solheim, Steinar (University of Oslo) - Kay, Andrea (MPI-SHH)

PAPERS

8:30 INTRODUCTION

8:45 EXPLORING ENERGY REGIMES AS AN APPROACH TO CONTEXTUALIZING SOCIO-ENVIRONMENTAL SYSTEMS ACROSS DISCIPLINES

Vella, Emily - Hatlestad, Kailin (Uppsala University) - Martinez, Alexandre (Vrije Universiteit Amsterdam) - Lindholm, Karl-Johan (Uppsala University) - Nikulina, Anastasia (Leiden University) - Zapolska, Anhelina (Vrije Universiteit Amsterdam) - Svenning, Jens-Christian (Aarhus University) - Kluiving, Sjoerd (Vrije Universiteit Amsterdam)

9:00 LUCKY LATITUDES: THE GEOGRAPHY OF PREHISTORIC HUMAN POPULATION GROWTH

Bird, Darcy (Washington State University; Max Planck Institute for the Science of Human History) - Gauthier, Nicolas (University of Florida) - Freeman, Jacob (Utah State University)

9:15 FLOODPLAIN STABILITY CONTROLS THE GROWTH AND RESILIENCE OF WESTERN NORTH AMERICAN DRYLAND AGRICULTURAL COMMUNITIES

Finley, Judson (Utah State University) - Robinson, Erick (Boise State University)

9:30 PREHISTORIC FARMERS IN THEIR DIVERSITY. LAND USE, LAND COVER AND DEMOGRAPHY IN CENTRAL EUROPE

Kolar, Jan (Institute of Botany, Czech Academy of Sciences; Masaryk University) - Macek, Martin (Institute of Botany, Czech Academy of Sciences) - Abraham, Vojtech (Charles University) - Tkac, Peter (Institute of Botany, Czech Academy of Sciences; Masaryk University)

9:45 ENVIRONMENTAL PROBLEMS AND SOCIAL PROCESS IN LATE ROMAN HISPANIA: THE CASE OF THE ROMAN PROVINCE OF BAETICA (3RD-5TH CENTURIES)

Martín Casado, Juan Manuel (Universidad de Málaga)

10:00 DISCUSSION SLOT

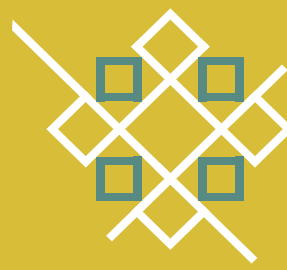
POSTERS

A. SOCIO-ENVIRONMENTAL RESPONSES TO THE 1ST MILLENNIUM AD DISTURBANCES; A CASE STUDY OF BRANDENBURG, EASTERN GERMANY

Alinezhad, Khadijeh - Doerfler, Walter (Institute of Prehistoric and Protohistoric Archaeology of Kiel university)

B. LANDSCAPE STABILITY OVER 1100 YEARS OF PASTORAL FARMING IN NORTH ICELAND

Erlendsson, Egill - Eypórsdóttir, Elísabet (Institute of Life and Environmental Sciences, University of Iceland)



407 DIGITAL RELIGIOSCAPES: CURRENT METHODOLOGIES AND NOVELTIES IN THE ANALYSIS OF SACR(AL)IZED SPACES

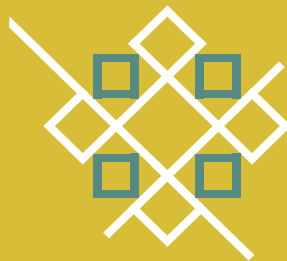
Time: Thursday 1 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Lätzer-Lasar, Asuman (Max Weber Center, University of Erfurt) - Lamesa, Anaïs (French Institute for Anatolian Studies)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 CREATING A DEEP-MAP OF THE ASKLEPIEION OF PERGAMON: PROCESS AND PITFALLS IN DIGITIZING A RELIGIOSCAPE**
Williamson, Christina - Katevaini, Alexandra (University of Groningen)
- 9:00 FEMALE ANGLO-SAXON SAINTS: IMMERSIVE STORYTELLING THROUGH INTERACTIVE WEB MAPS**
Tenzer, Martina (University of York)
- 9:15 DESCRIBING HERMION/ERMIONI WITH PAUSANIAS, A DEEP MAP**
Witmore, Christopher (Texas Tech University)
- 9:30 DIGITIZATION FOR THE RECONSTITUTION OF AN ALTERED COLONIAL CULTURAL HERITAGE, THE SAINT MONICA CHURCH TODAY IBN BADIS MOSQUE IN ALGERIA**
Bousnina, Monia (Université el Bez Sétif I)
- 9:45 RELIGIOSCAPE AND CAPPADOCIA, A NEW APPROACH FOR AN OLD RESEARCH SUBJECT**
Lamesa, Anaïs (IFEA) - Üçbaşıaran, İdil (Ortahisar Belediyesi)
- 10:00 MAPPING THE SACRED LANDSCAPE OF CHALCIDICE**
Denk, Olivia (University of Basel)
- 10:15 DISCUSSION SLOT**
- 11:00 FROM MIKRO TO MAKRO MAPS: A CASE STUDY OF A RURAL SACRIFICIAL SITE IN THE ALPINE REGION**
Waldhart, Elisabeth - Gridling, Stefan - Stadler, Harald (Department of Archaeologies, University of Innsbruck)
- 11:15 RECONSTRUCTING SACRED LANDSCAPES: TOWARDS A PHENOMENOLOGY OF STONE PILLARS IN THE LEVANT**
Pappalardo, Chiara (University of Catania)
- 11:30 MAPPING THE IRON AGE MORTUARY LANDSCAPES OF THE INNER TIAN SHAN, KYRGYZSTAN: SURVEY, DIGITAL MAPPING, AND LANDSCAPE APPROACHES**
Chang, Claudia (Independent scholar; Research Associate, Institute for the Study of the Ancient World, New York University) - Tourtellotte, Perry (Independent Scholar)
- 11:45 DIGITAL DEATHSCAPES OF REPUBLICAN ROME**
Lätzer-Lasar, Asuman (Max Weber Centre, University of Erfurt)
- 12:00 DISCUSSION SLOT**



417 AS FAR AS VASES GO: STUDIES ON ANCIENT GREEK POTTERY TRADE AND ITS CONTEXTS

Time: Thursday 1 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Gares-Molero, Alejandro (University of Valencia) - Rodriguez-Perez, Diana (University of Oxford) - Diez-Castillo, Agustin (University of Valencia)

PAPERS

8:30 INTRODUCTION

8:45 RELIEF WARES IN THE ARCHAIC MEDITERRANEAN: A TRANSCULTURAL AND DECENTRALIZED NETWORK

Ward, Andrew (Indiana University)

9:00 IMAGINED CREATURES AND THEIR TRAVELS: ARCHAIC VASES AS ENACTORS OF GEOGRAPHIES

Neill, Liz (Boston University)

9:15 THE CHANGE IN THE ROUTES OF ATTIC POTTERY IN THREE CENTURY OF ITS PRODUCTION

Giudice, Filippo (University of Catania) - Zisa, Flavia (Università Kore di Enna)

9:30 LONG DISTANCE TRADE NETWORKS AND IONIAN-INSPIRATIONS IN THE WORKSHOP OF AMASIS

Attout, Antoine (Université Libre de Bruxelles)

9:45 (RE)DEFINING THE TRADE ROUTES AND THE DISTRIBUTION PATTERNS OF A SIGNIFICANT ATTIC POTTERY WORKSHOP OF THE LATE ARCHAIC PERIOD

Kathariou, Kleopatra (University of Ioannina)

10:00 AS FAR AS ATTIC VASES GO: STUDYING THE PRESENCE OF ATHENIAN KERAMEIKOS IN ANCIENT THRACE

Tsiafaki, Despoina - Mourthos, Ioannis - Michailidou, Natasa - Karta, Meliana (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch)

10:15 DISCUSSION SLOT

11:00 IMPORTATION AND FUNCTION OF ATTIC RED-FIGURE POTTERY IN RUVO DI PUGLIA IN THE LATE 5TH AND EARLY 4TH CENTURIES B.C.

Giudice, Elvia (University of Catania) - Giudice, Giada (Munche University, Gerda henkel Stiftung)

11:15 A WOMAN'S SHAPE? GREEK VASES AND LOCAL IDENTITIES IN CENTRAL APULIAN TOMBS

Peruzzi, Bice (Rutgers State University of New Jersey)

11:30 ATTIC POTTERY IN UNPUBLISHED CONTEXTS OF THE NECROPOLIS OF VALLE PEGA IN SPINA

Vendrell Cabanillas, David (Autonomous University of Madrid)

11:45 THE REACH OF AN ATTIC WORKSHOP: TRADING HAIMONIAN VASES IN THE WESTERN MEDITERRANEAN

Gares Molero, Alejandro (Universitat de València) - Chidiroglou, Maria (National Archaeological Museum of Athens) - Macian Fuster, Alejandra (Universitat de València)

12:00 SETTING CORINTHIAN AMPHORAE IN THE WESTERN MEDITERRANEAN: PRODUCTION, TRADE(S), AND DISTRIBUTION ROUTES

Sanchez Conde, Francisco Javier (Universidad de Salamanca) - Gutierrez Soto, Itziar (Universidad de Alcala) - Gares Molero, Alejandro (Universitat de Valencia)

12:15 DISTRIBUTION OF GREEK POTTERY IN THE WESTERN MEDITERRANEAN DURING THE SECOND HALF OF 6TH CENTURY BC: NEW EVIDENCE FROM EMPORION

Santos Retolaza, Marta - Castanyer Masoliver, Pere - Tremoleda Trilla, Joaquim (MAC Empúries)

12:30 DISCUSSION SLOT

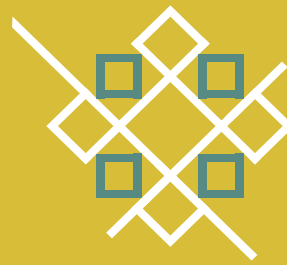
14:00 ATTIC POTTERY IN IBERIA (LATE 5TH-4TH CENTURY BC): THE LONG PATH FROM PRODUCER TO CONSUMER

Dominguez, Adolfo (Universidad Autonoma de Madrid)

14:15 WAVES OF IMPORTS IN A DISTANT TERRITORY, THE IBERIAN EDETANIA: ATTIC SUPPLY, TRADING ROUTES AND LOCAL MARKETS

Macián Fuster, Alejandra - Garés Molero, Alejandro (Universitat de València)

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- 14:30** **TO BE OR NOT TO BE. THE DIALOG BETWEEN GREEK VESSELS AND IBERIAN POTTERY IMITATIONS IN THE UPPER GUADALQUIVIR (SPAIN)**
Moreno Padilla, María Isabel (Instituto de Investigación en Arqueología Ibérica. Universidad de Jaén)
- 14:45** **A LANDLOCKED EMPORION. AN UPDATE OF THE DISTRIBUTION OF GREEK POTTERY IN THE MIDDLE VALLEY OF GUADIANA RIVER**
Pulido, Guiomar (Universidad Autónoma de Madrid) - Miguel-Naranjo, Pedro - Rodríguez González, Esther (Instituto de Arqueología de Mérida-CSIC)
- 15:00** **SAILING FROM THE ATTIC PORTS TO THE COAST OF OPHIUSSIA. THE TRADE ROUTES OF ATTIC VASES TO THE WESTERN HESPERIDES**
Morais, Rui - Ferreira, Daniela (Faculty of Arts and Humanities of University of Porto) - Mauro, Chiara (Complutense University of Madrid)
- 15:15** **DISCUSSION SLOT**



419 USING FORENSIC ARCHAEOLOGICAL APPROACHES TO INFORM THE PAST

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Fry, Megan (University of Florida, Department of Anthropology) - Welty, S. (University College London, Institute of Archaeology) - McCrane, Samantha (University of Florida, Department of Anthropology) - Andersson, Karina (University College London, Institute of Archaeology)

PAPERS

16:30 INTRODUCTION

16:36 VIABILITY OF AI AND MACHINE LEARNING IN FORENSIC ANTHROPOLOGY

Andersson, Karina - Rando, Carolyn (UCL)

16:42 THE UTILITY AND APPLICABILITY OF PXRF ON COMMINGLED ARCHAEOLOGICAL SAMPLES

Fry, Megan (University of Florida, Department of Anthropology) - Welty, S. (University College London, Institute of Archaeology)

16:48 THE EFFECT OF EDENTULISM ON DENTAL ARCH SHAPE ANALYSES

McCrane, Samantha - Meloro, Raphaela (University of Florida, Department of Anthropology)

16:54 A GEOMETRIC MORPHOMETRIC APPROACH TO SUBADULT AGE ESTIMATION: BY MEANS OF THE ACF AND ORBITAL CAVITY

Bryson, Emily (University of Florida)

17:00 INFORMING THE BIOLOGICAL PROFILE USING SEX AND STATURE ESTIMATIONS DERIVED FROM THE TALUS

Summers, Siobhan (Department of Anthropology, University of Florida)

17:06 PARAMETRIC MODELLING OF HUMAN CRANIA FROM POST-MORTEM HEAD CT DATA

Welty, S. (Institute of Archaeology, University College London) - Davidson, Marion (Institute of Archaeology, University College London; Department of Security and Crime Science, University College London) - Morgan, Ruth (Department of Security and Crime Science, University College London; UCL JDI Centre for the Forensic Sciences, University College London)

17:12 OPEN ACCESS CT DATABASES: VALUE AND LIMITATIONS IN FORENSIC ARCHAEOLOGICAL AND ANTHROPOLOGICAL RESEARCH

Davidson, Marion (Institute of Archaeology, University College London; Department of Security and Crime Science, University College London; Centre for the Forensic Sciences, University College London) - Welty, S. (Institute of Archaeology, University College London)

17:18 APPLICATIONS OF DIFFERENTIAL BURNING IN FORENSIC AND ARCHAEOLOGICAL CREMATIONS

Monetti, Lisa (UCL Institute of Archaeology; Drew University) - Rando, Carolyn (UCL Institute of Archaeology)

17:24 TRIAL BY FIRE. OPEN-FIRE CREMATION AND STATE OF REMAINS PRESERVATION IN PREHISTORIC CREMATION GRAVES

Slusarska, Katarzyna (Uniwersytet Szczeciński)

17:30 DISCUSSION SLOT

17:48 THE NEED FOR METHOD VALIDATION IN TAPHONOMY AND ARCHAEO-ANTHROPOLOGY: LESSONS FROM THE AUSTRALIAN FACILITY FOR TAPHONOMIC EXPERIMENTAL RESEARCH (AFTER)

Knusel, Christopher (Université de Bordeaux) - Schotsmans, Eline (University of Wollongong; Université de Bordeaux)

17:54 ADVANCING THE ANALYSIS OF HUMAN REMAINS IN BOTH TRADITIONAL AND FORENSIC ARCHAEOLOGY THROUGH CONTROLLED HUMAN DECOMPOSITION EXPERIMENTS

Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University) - Kootker, Lisette (Vrije Universiteit Amsterdam; Co van Ledden Hulsebosch Center)

18:00 HOW CAN NECROSOL HELP TO FORENSIC ARCHAEOLOGY? A METHODOLOGICAL APPROACH

García-López, Zaira - Marfínez Cortizas, Antonio (Cretus, EcoPast - GI-1553, University of Santiago de Compostela) - López-Costas, Olalla (Cretus, EcoPast - GI-1553, Archaeology, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University)

GÓLYAVÁR PÁZMÁNY PÉTER



#s419

18:06 **WHAT HAPPENED IN KL TREBLINKA I? UNRAVELING WORLD WAR II ATROCITIES WITH THE USE OF INTERDISCIPLINARY FORENSIC SCIENCE METHODS**

Drath, Joanna - Parafiniuk, Mirosław - Ossowski, Andrzej (Pomeranian Medical University) - Jarzęcka-Stąporek, Joanna (Museum of the Second World War)

18:12 **DISCUSSION SLOT**

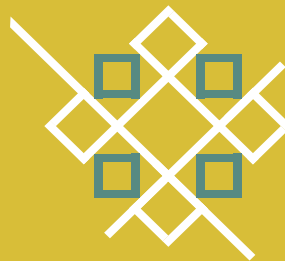
POSTERS

A. FIRST TAPHONOMIC EVIDENCE OF PEDESTALING PHENOMENA MADE BY RODENTS ON ARCHAEOLOGICAL HUMAN REMAINS FROM EL MIRADOR CAVE (ATAPUERCA, SPAIN)

Marginedas, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Rodríguez-Hidalgo, Antonio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; IDEA - Instituto de Evolución en África; GIAP - Research Group in Prehistoric Archaeology - 970949, Department of Prehistory, Ancient History and Archaeology, Complutense University of Madrid) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit Associated to CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales)

B. CHARACTERIZING THE BUTCHERY PROCESS OVER THE NEW CANNIBALIZED HUMAN REMAINS FROM EL MIRADOR CAVE, ATAPUERCA, SPAIN

Marginedas, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Saladié, Palmira (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Unit Associated to CSIC. Departamento de Paleobiología. Museo Nacional de Ciencias Naturales) - Rodríguez-Hidalgo, Antonio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Institute of Evolution in Africa - IDEA; GIAP - Research Group in Prehistoric Archaeology - 970949, Department of Prehistory, Ancient History and Archaeology, Complutense University of Madrid)



421 SPACE SYNTAX: THE MATERIAL IMPRINTS OF SPATIAL INTEGRATION PROCESSES

Time: Thursday 1 Sept, 16:30 - 18:30

Format: Regular session

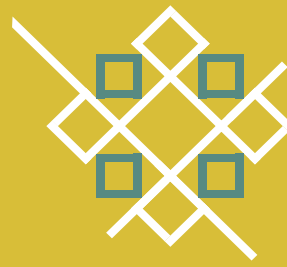
Organisers: Füzési, András (Hungarian National Museum) - Mesterházy, Gábor (Várkapitányság Nonprofit Zrt.) - Bánffy, Eszter (Römisch-Germanische Kommission) - Raczky, Pál (Eötvös Loránd University)

PAPERS

- 16:30** **SPACE SYNTAX ON LANDSCAPE-SCALE: UNDERSTANDING SPATIAL CONFIGURATION OF IRON GATES**
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)
- 16:45** **THE USE OF SPACE AND INTERNAL ORGANIZATION OF THE LATE NEOLITHIC SETTLEMENT AT DRENOVAC, SERBIA**
Dimitrijevic, Ivana - Obradović, Djurdja - Perić, Slaviša - Bajčev, Olga - Savić, Ružica (Institute of Archaeology, Belgrade)
- 17:00** **BUILDING THE VILLAGES, BUILDING THE SOCIETY- LATE NEOLITHIC SETTLEMENT NETWORK IN SLAVONIA (EASTERN CROATIA)**
Kalafatic, Hrvoje (Institute of Archaeology, Zagreb) - Šošić Klindžić, Rajna (University of Zagreb) - Šiljeg, Bartul (Institute of Archaeology, Zagreb)
- 17:15** **MORE TO TELL: SPATIAL ANALYSIS OF THE LATE NEOLITHIC HERPÁLY SETTLEMENT COMPLEX OF CSÖKMŐ-KÁPOSTÁS-DOMB (EASTERN HUNGARY)**
Riebe, Danielle (University of Georgia) - Mesterházy, Gábor (Hungarian National Museum) - Gyucha, Attila (University of Georgia) - Argyriou, Athanasios (GeoSat ReSeArch Lab, Institute for Mediterranean Studies, Foundation for Research and Technology Hellas) - Sarris, Apostolos (The Archaeological Research Unit, DigHumanities GeoInfo Lab, Department of History and Archaeology, University of Cyprus) - Dani, János (Déri Museum) - Stibranyi, Máté - Pethe, Mihály (Hungarian National Museum)
- 17:30** **IMPRINTS OF SOCIAL PROCESSES AND PRACTICES AT SZEGVÁR-TÚZKÖVES - SPATIAL ANALYSIS AND THEORETICAL INTERPRETATION OF A LATE NEOLITHIC SETTLEMENT**
Mesterházy, Gábor (Eötvös Loránd University; Hungarian National Museum) - Füzési, András (Hungarian National Museum; Eötvös Loránd University) - Szilágyi, Katalin (Christian-Albrechts-Universität zu Kiel; Eötvös Loránd University) - Bánffy, Eszter (Römisch-Germanischen Kommission des Deutschen Archäologischen Instituts) - Raczky, Pál (Eötvös Loránd University)
- 17:45** **NEOLITHIC KNAPPING ACTIVITIES THROUGH THE LENS OF INTRA-SITE ANALYSIS FROM HUNGARY**
Farago, Norbert (Eotvos Lorand University, Institute of Archaeological Sciences)
- 18:00** **CONSCIOUSNESS, COMPLEXITY, SYMMETRY. SPATIAL ANALYSIS OF A BRONZE AGE SETTLEMENT**
Szabó, Nóra (ELKH BTK; ELTE BTK)
- 18:15** **DISCUSSION SLOT**

POSTERS

- A.** **ORGANISING A NEW WORLD: EARLY ALFÖLD LINEAR POTTERY COMMUNITIES IN THE NORTHERN PART OF THE GREAT HUNGARIAN PLAIN**
Füzési, András (Hungarian National Museum / Magyar Nemzeti Múzeum)) - Faragó, Norbert (Eötvös Loránd University, Institute of Archaeological Sciences) - Kalli, András (Hungarian National Museum / (Magyar Nemzeti Múzeum) - K. Tutkovics, Eszter (Rétközi Múzeum)



432 LOGISTICS AND NATURAL RESOURCES: SUPPLY AND TRANSPORTATION THROUGH TIME (5TH CENTURY BC – 5TH CENTURY AD)

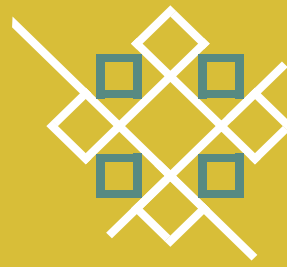
Time: Thursday 1 Sept, 14:00 - 17:30

Format: Regular session

Organisers: Vanderhoeven, Timo - Kars, Eva (EARTH Integrated Archaeology) - Bongers, Toon (SDEP - Ghent University) - Kienzle, Peter (Landschaftsverband Rheinland - LVR – Xanten) - Delencre, Florent (University of Tours / UMR 6298 ARTEHIS)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 LONG-DISTANCE TIMBER TRADING IN THE ROMAN EMPIRE**
Bernabei, Mauro (National Research Council)
- 14:30 LONG-DISTANCE TRANSPORTS OF ROMAN MILITARY BUILDING CERAMICS**
Schmidts, Thomas (Römisch-Germanisches Zentralmuseum)
- 14:45 (INTER)NATIONAL LOGISTICS OF ROMAN BUILDING MATERIAL: A CRITICAL REASSESSMENT OF OUR RESEARCH**
Vanderhoeven, Timo - Kars, Eva (EARTH Integrated Archaeology)
- 15:00 BUILD LOCAL – THINK ROMAN. THE DESIGN OF THREE CRAFTSMEN'S HOUSES AT THE LVR-ARCHAEOLOGICAL PARK AT XANTEN, GERMANY**
Kienzle, Peter (LVR-Archaeological Park Xanten)
- 15:15 EPIGRAPHY AND SUPPLY LOGISTICS: FIRST ANALYSIS OF INSCRIBED STONES OF BESANÇON-VESONTIO, CAPUT CIUITATIS OF THE SEQUANI**
Delencre, Florent (UMR 6298 ARTEHIS) - Delferrière, Nicolas Université de Bourgogne-Franche-Comté) - Janin, Marie-Anaïs (Université de Bourgogne-Franche-Comté; UMR 6298 ARTEHIS)
- 15:30 AD FLUMEN. SPATIAL NETWORK ANALYSIS OF THE ROMAN-ERA TRANSPORT SYSTEM OF THE SCHELDT AND MEUSE BASINS**
Bongers, Toon (SDEP - Ghent University)
- 15:45 INVISIBLE BORDERS: THE DISTRIBUTION OF STONE BUILDING MATERIALS IN VENETIA ET HISTRIA (ITALY) THROUGH THE CASE STUDY OF ROMAN VERONA**
Bridi, Eliana (Università degli Studi di Padova)
- 16:30 DISCUSSION SLOT**



434 CREATION OF EUROPEAN IDENTITIES – FOOD, TEXTILES AND METALS IN THE IRON AGE BETWEEN ALPS, PANNONIA AND BALKANS

Time: Thursday 1 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Gleba, Margarita (Department of Cultural Heritage, University of Padua) - Potrebica, Hrvoje (University of Zagreb, Department of Archaeology)

PAPERS

14:00 INTRODUCTION

14:15 YOU ARE WHAT YOU WEAR? ARCHAEOLOGICAL TEXTILES AS ELEMENTS OF IDENTITY AND PROXIES FOR MOBILITY IN THE CENTRAL BALKANS

Gleba, Margarita (University of Padua)

14:30 HALLSTATT PERIOD TEXTILES FROM THE BALKANS IN THE COLLECTION OF THE NATURAL HISTORY MUSEUM VIENNA

Groemer, Karina (Natural History Museum Vienna) - Lau, Ronja (Ruhr-Universität Bochum)

14:45 TEXTILE NEWS FROM DONJA DOLINA – TEXTILE PRODUCTION TOOLS FROM THE IRON AGE

Fileš Kramberger, Julia (Department of Archaeology, Faculty of Humanities and Social Sciences, Zagreb)

15:00 DISCUSSION SLOT

15:15 MILLET DRINK IN URNFIELD PERIOD BAVARIA AND HALLSTATT PERIOD CROATIA - CASE STUDIES OF BIOMOLECULAR ANALYSIS AND ITS CONTEXT

Metzner-Nebelsick, Carola (Inst fuer Vor- und Fruehgeschichtliche Archaeologie, Provinzialroem Archeologie) - Loznjak Dizdar, Daria (The Institute of Archaeology Zagreb) - Rageot, Maxime (University of Tübingen)

15:30 DOWN BY THE RIVERSIDE – EATING AND LIVING IN PILE DWELLING SETTLEMENTS OF RIPAČ AND DONJA DOLINA

Šoštaric, Renata (Department of Biology, Faculty of Science, University of Zagreb) - Pravidur, Andrijana (National museum of Bosnia and Herzegovina, Sarajevo)

15:45 DISCUSSION SLOT

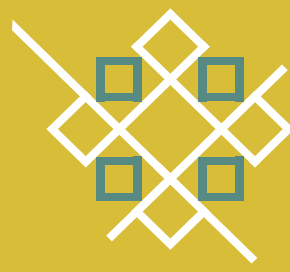
16:30 SV. KRIŽ IN LIGHT OF NEW RESEARCH

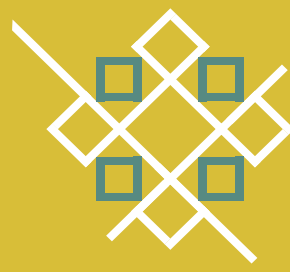
Mavrovic Mocos, Janja (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology) - Fileš, Mislav (Institute of Archeology) - Šejić, Laura (University of Zagreb Faculty of Humanities and Social Sciences Department of Archaeology)

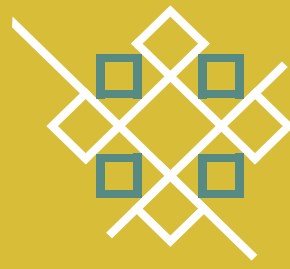
16:45 “SOMETHING OLD, SOMETHING NEW, SOMETHING BORROWED, SOMETHING BLUE” - ECLECTIC IDENTITIES OF THE IRON AGE

Potrebica, Hrvoje (Dept of archaeology)

17:00 DISCUSSION SLOT







17 BECOMING A PUBLISHED ARCHAEOLOGIST [ECA]

Time: Friday 2 Sept, 16:30 - 18:30

Format: Round table

Organisers: Brami, Maxime (Johannes Gutenberg University Mainz) - Coltofean-Arizancu, Laura (German Archaeological Institute) - Kolář, Jan (Academy of Sciences of the Czech Republic) - Preda-Bălănică, Bianca (University of Helsinki) - Frieman, Catherine (Australian National University)

Publishing our work is a major part of being an archaeologist, but the routes to publication are not always clear. There are national differences in style and preferred publication type, different sub-disciplinary norms, and language and style barriers that may seem insurmountable. Moreover, wisely planned publication strategies are often necessary for gaining research funding at national and international levels. This round table hosted by the EAA's Early Career Archaeologists (ECA) community and European Journal of Archaeology (EJA) brings together journal editors and book publishers from around Europe to discuss the archaeological publishing ecosystem, answer questions about publication norms and practices, and address specific concerns early career archaeologists may have regarding the publication process.

Topics to be considered include:

- How does the journal editorial/peer review process work (and not work)?
- What do traditional publications do (and not do)?
- What do I need to know to start publishing my research?

27 ENGAGING THE PUBLIC, HERITAGE AND EDUCATORS THROUGH MATERIAL CULTURE RESEARCH

Time: Friday 2 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Wilson, Katherine - Pickles, Thomas (University of Chester) - Antenhofer, Christina (University of Salzburg)

PAPERS

8:30 INTRODUCTION

8:45 THE HIDDEN LIFE OF THE LADY WITH CARNATION. CONNECTING HISTORY, MATERIAL CULTURE AND MUSEOLOGY

De Groot, Julie (Universiteit Antwerpen)

9:00 FOSTERING PARTNERSHIP ACROSS THE GREAT STEPPE

Amirova, Saltanat (University of Cambridge; Department of Archaeology) - Roberts, Rebecca (McDonald Institute for Archaeological Research; University of Cambridge; Fitzwilliam Museum) - Zainulla, Samashev (Margulan Institute of Archaeology, Kazakhstan) - Toleubayev, Abdesh (Al-Farabi Kazakh National University) - Nurgaziyeva, Svetlana (East Kazakhstan Regional Museum of Local History)

9:15 OBSCURE DUNGEONS: ON THE POTENTIAL OF VIRTUAL REALITY IN CASTLE HOHENSALZBURG

Zimmermann, Judith - Färberböck, Peter (University of Salzburg)

9:30 DISCUSSION SLOT

9:45 CARVING WITH LIGHT. SCANNING AND RE-MAKING THE BALLACHULISH GODDESS

Griffiths, Mark (Freelance) - Power, Orla (MaREI the Center for Energy, Climate and Marine)

10:00 USING ARCHAEOLOGY AND LOCAL HERITAGE AS A COMMON THREAD FOR THE EDUCATIONAL PROJECT IN TWO RURAL SCHOOLS

Carballido González, Elías - Rebollar Flecha, Luis (University of Oviedo) - López Gómez, Pablo - Fernández Mier, Margarita (University of León) - Fernández Fernández, Jesús (University of Oviedo)

10:15 DISCUSSION SLOT

11:00 TOUCHING THE PAST. RECONSTRUCTIONS OF ARTIFACTS AND EDUCATIONAL WORKSHOPS FOR CHILDREN – A CASE STUDY FROM POLAND

Dziechciarz, Pawel - Łukowska-Dziechciarz, Agnieszka (Uniwersytet Warszawski)

11:15 THE PUBLIC AND THE EXTRAORDINARY – MATERIAL CULTURE AS THE TOOL TO FASCINATE

Zinn, Katharina (University of Wales Trinity Saint David)

11:30 INFLUENCING THE PUBLIC. USING SOCIAL MEDIA PLATFORMS FOR ENGAGING ONLINE COMMUNITIES

Gergácz, Rebeka (Hungarian National Museum)

11:45 DISCUSSION SLOT

POSTERS

A. A BASQUE FARMHOUSE: PREVENTIVE ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE AS AN EDUCATIONAL RESOURCE
Campos-Lopez, Teresa (University of the Basque Country - UPV/EHU)

38 CHARACTERIZATION OF LITHIC MATERIAL IN PREHISTORY, METHODS, PROBLEMS, RESULTS

Time: Friday 2 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Surmely, Fred (CNRS UMR 6042) - Civilyte, Agne (Lithuanian Institute of History)

PAPERS**16:30 CHARACTERIZATION OF TERTIARY FLINTS BY GEOCHEMISTRY**

Surmely, Fred (DRAC ARA)

16:45 THE USE OF FLINT AND NON-FLINT ROCKS IN LITHUANIAN COASTAL AREA DURING THE FINAL PALAEO-LITHIC

Rimkus, Tomas (Centre for Baltic and Scandinavian Archaeology - ZBSA)

17:00 RARE EARTH ELEMENTS GEOCHEMISTRY FINGERPRINTING EASTERN IBERIA CHERT PROVENANCE

Ramacciotti, Mirco (Department of Prehistory, Archaeology and Ancient History, University of Valencia; Department of Analytical Chemistry, University of Valencia) - García-Puchol, Oreto - Gallelo, Gianni (PREMEDOC, Department of Prehistory, Archaeology and Ancient History, University of Valencia) - Cortell-Nicolau, Alfredo (Department of Archaeology, McDonald Institute for Archaeological Research, University of Cambridge) - Juan Cabanilles, Joaquín (Prehistory Research Service, Prehistory Museum of Valencia) - Pastor, Agustín (Department of Analytical Chemistry, University of Valencia)

17:15 FLINT, OBSIDIAN AND STONE ASSEMBLAGES FROM THE LINEAR POTTERY CULTURE SETTLEMENT MODRYCHI-I

Telishenko, Serhii - Silaiev, Oleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine)

17:30 OBSIDIAN IN THE MEDITERRANEAN FROM CARPATHIAN SOURCES

Tykot, Robert (-)

17:45 DISCUSSION SLOT

67 CREMATION FUNERARY PRACTICES ACROSS THE ROMAN EMPIRE: A BIOARCHAEOLOGICAL APPROACH

Time: Friday 2 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Silva, Filipa (Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra) - Masotti, Sabrina (Department of Neuroscience and Rehabilitation, University of Ferrara) - Grosskopf, Birgit (Historische Anthropologie und Humanökologie Johann-Friedrich-Blumenbach-Institut der Georg-August-Universität Göttingen)

PAPERS

- 14:00 ATRI IGNES. RITUALS AND PRACTICES BEHIND THE CREMATION: THE CASE OF THE ROMAN NECROPOLIS OF GAZZO VERONESE (VERONA, ITALY)**
Mongillo, Jessica (Department of Environmental and Prevention Sciences, University of Ferrara) - Scalzeri, Marina (Department of Culture and Civilisation, University of Verona) - Zancan, Valentina (Department of Environmental and Prevention Sciences, University of Ferrara) - Masotti, Sabrina - Gualdi, Emanuela (Department of Neuroscience and Rehabilitation, University of Ferrara) - Basso, Patrizia - Grazioli, Valeria - Zentilini, Elisa (Department of Culture and Civilisation, University of Verona) - Bramanti, Barbara (Department of Environmental and Prevention Sciences, University of Ferrara)
- 14:15 CONTINUITY OR DISCONTINUITY IN CREMATION RITUAL? THE CASE OF THE ROMAN AGE NECROPOLIS OF BOLOGNA CENTRAL STATION (ITALY)**
Masotti, Sabrina - Gualdi-Russo, Emanuela (Department of Neuroscience and Rehabilitation, University of Ferrara)
- 14:30 CRUMBLLED LIVES – ROMAN CREMATION BURIALS FROM LAURIACUM/ENNS, UPPER AUSTRIA**
Stadlmayr, Andrea - Marschler, Maria (Department of Anthropology, Natural History Museum Vienna) - Böhm, Herbert (Institute of Egyptology, University of Vienna) - Huber, Lisa - Lang, Felix (Department of Classical Studies, Faculty of Cultural Sciences, Paris Lodron University Salzburg) - Traxler, Stefan (Department of Archaeology: Roman Period, Middle Ages, Modern Times, OÖ Landes-Kultur GmbH)
- 14:45 WAS IT A BUSTUM TYPE GRAVE? ANALYSIS OF THE BURIALS FOUND NEAR THE ROMAN LEGIONARY FORTRESS AT NOVAE (LOWER MOESIA)**
Jaskulska, Elzbieta - Tomas, Agnieszka (Faculty of Archaeology, University of Warsaw)
- 15:00 THE BIOARCHAEOLOGY OF CREMATION RITUALS IN ROMAN HISPANIA: AN OVERVIEW**
Silva, Filipa (Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra; Archaeology Institute of Mérida-CSIC)
- 15:15 APPLICATION OF COMPUTATIONAL MORPHOMETRICS TO INTERPRET CREMATION FUNERARY PRACTICES: A ROMANO-BRITISH EXAMPLE**
Monetti, Lisa (UCL Institute of Archaeology; Drew University)
- 15:30 DISCUSSION SLOT**
- 16:30 HOW DID ROMANS CREMATE? INVESTIGATING THE CREMATION CONDITIONS DURING THE ROMAN PERIOD IN BELGIUM**
Stamataki, Elisavet (Vrije Universiteit Brussel) - Salesse, Kevin (Masaryk University) - McMillan, Rhy (Vrije Universiteit Brussel) - Kontopoulos, Ioannis (University of Copenhagen) - Veselka, Barbara (Vrije Universiteit Brussel) - Dalle, Sarah (Ghent University) - Hlad, Marta (Vrije Universiteit Brussel) - Sabaux, Charlotte - De Mulder, Guy (Ghent University) - Snoeck, Christophe (Vrije Universiteit Brussel)

16:45 OSTEOLOGICAL MODIFICATION IN CREMATED BONES FROM ROMAN IMPERIAL NECROPOLIS OF MONTE CARRU (ALGHERO, SARDINIA, ITALY)

Serra, Rita (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari) - La Fragola, Alessandra - Rovina, Daniela (Superintendence for Archaeological Heritage for the provinces of Sassari and Nuoro) - Piana, Loredana (University of Sassari) - Sotgiu, Maria (Department of Biomedical Sciences, University of Sassari) - Mazzaello, Vittorio - Pirino, Alessio - Montella, Andrea - Bandiera, Pasquale (Department of Biomedical Sciences, University of Sassari; Center for Anthropological, Paleopathological and Historical Studies of the Sardinian and Mediterranean populations, Department of Biomedical Sciences, University of Sassari)

17:00 HISTOLOGICAL EXAMINATION METHODS

Grosskopf, Birgit (Georg-August-Universität Göttingen)

17:15 DISCUSSION SLOT**POSTERS****A. HISTOMORPHOLOGICAL ANALYSIS OF CREMATED AND UNBURNED BONES: AGE-ESTIMATION OF ROMAN THESSALONIKIS' POPULATION.**

Bantavanou, Panagiota (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Valakos, Eustratios (Department of Biology, National and Kapodistrian University of Athens) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

83 CLIMATIC CHANGES IN THE MEDIEVAL WORLD: EVIDENCE FOR ADAPTATION AND RESILIENCE

Time: Friday 2 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Kerr, Sarah (Aarhus University) - Tisdall, Eileen (University of Stirling) - Sagrott, Stefan (Historic Environment Scotland)

PAPERS

- 8:30** **STORMING CASTLES':THE TWO CASTLES AT CAERLAVEROCK AND MEDIEVAL CLIMATE CHANGE**
Tisdall, Eileen - Tipping, Richard (University of Stirling) - French, Morvern - Sagrott, Stephan (Historic Environment Scotland) - Kinnaird, Tim - Srivastava, Aayush (University of St Andrews)
- 8:45** **CLIMATE ADAPTATION IN PASTORAL SOCIETIES: TESTING CORRELATIONS BETWEEN CLIMATE AND LAND USE IN HIGHLAND SCOTLAND AND IRELAND, 1250-1750 AD**
Costello, Eugene (Stockholm University; Uppsala University) - Kearney, Kevin - Gearey, Ben (University College Cork)
- 9:00** **RECONSTRUCTING PALAEOCLIMATE RECORDS FROM WELL-DATED MEDIEVAL PARCHMENT MANUSCRIPTS.**
Johns, Samuel - Maule, Charlie (Organic Geochemistry Unit, University of Bristol) - Angelova, Lora - Fitzgerald, Solange (The National Archives) - Collins, Sian - Johnson, Anna (Cambridge University Library) - Collins, Matthew (Section for Evolutionary Genomics, The GLOBE Institute, Faculty of Health and Medical Sciences, University of Copenhagen; McDonald Institute for Archaeological Research, University of Cambridge) - Roffet-Salque, Melanie (Organic Geochemistry Unit, University of Bristol)
- 9:15** **DISCUSSION SLOT**
- 9:30** **ADAPTATION AND RESILIENCE IN LATE MEDIEVAL JUTLAND (DENMARK)**
Kerr, Sarah (Aarhus University)
- 9:45** **MITIGATING CLIMATE CHANGE. PEASANT DRIVEN SOCIO-ECOLOGICAL ADAPTATION STRATEGIES IN BOREAL INLAND SCANDINAVIA**
Svensson, Eva (Karlstad University) - Petterson, Susanne (Norskt Maritimt Museum)
- 10:00** **RESILIENCE AND VULNERABILITY IN THE LITTLE ICE AGE: OSL AND MICROMORPHOLOGY IN RESEARCHING THE DESTRUCTION OF A SHETLAND FARMING COMMUNITY**
McKenzie, Jo (Archaeological Sciences, University of Bradford) - Bigelow, Gerald (Archaeology Institute, University of the Highlands and Islands; Burroughs & Chapin Center for Marine and Wetland Studies, Coastal Carolina University) - Saunders, Kristen (Biological and Environmental Sciences, University of Stirling) - Simpson, Ian (Department of Archaeology, University of Durham) - Sanderson, David (Scottish Universities Environmental Research Centre, University of Glasgow) - Kinnaird, Tim (School of Earth and Environmental Sciences, University of St. Andrews)
- 10:15** **DISCUSSION SLOT**
- 11:00** **WATER MANAGEMENT AND RESILIENCE TO CLIMATIC CHANGE IN MEDIEVAL MIDDLE EASTERN CITIES - EVIDENCE FROM THE SOURCE OF LIFE PROJECT**
Brown, Peter (Radboud University)
- 11:15** **CLIMATE CHANGE VS WAR CONDITIONS**
Lukacevic, Marijana (private company)
- 11:30** **CHANGING CLIMATE AND EMERGENCE OF THE OTTOMAN STATE: INTEGRATING ARCHAEOLOGY, HISTORY AND PALEOENVIRONMENTAL STUDIES**
Dikkaya, Fahri (TED University)
- 11:45** **DISCUSSION SLOT**

100 HUMAN FORENSIC TAPHONOMY – HOW MULTIDISCIPLINARY APPROACHES SHED LIGHT ON PAST FUNERARY PRACTICES

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Moghaddam, Negahnaz (Swiss Human Institute of Forensic Taphonomy, University Centre of Legal Medicine Lausanne-Geneva; Unit of Forensic Imaging and Anthropology, University Centre of Legal Medicine Lausanne-Geneva) - Varlet, Vincent (Swiss Human Institute of Forensic Taphonomy, University Centre of Legal Medicine Lausanne-Geneva) - Shvedchikova, Tatiana (-) - Mateovics-László, Orsolya (Hungarian National Museum, Archaeological Heritage Directorate)

PAPERS

14:00 INTRODUCTION

14:15 HOW FORENSIC TAPHONOMY CAN HELP TO INTERPRET HUMAN BURIALS IN THE ARCHAEOLOGICAL RECORD: INSIGHTS FROM AN INTERDISCIPLINARY EXPERIMENTAL RESEARCH PROGRAM

Mickleburgh, Hayley (Linnaeus University; Forensic Anthropology Center Texas State University)

14:30 INTRODUCING GEOFOR – A NOVEL GIS-BASED APPLICATION FOR IMPROVING PMI METHODS

Tica, Cristina - Weisensee, Katherine - Claflin, Patrick - Carbajales-Dale, Patricia (Clemson University)

14:45 RECONSTRUCTING ANCIENT AKSUMITE DEATH AND BURIAL THROUGH MICRO-CT IMAGING (50-400 AD)

Basanti, Dil (Northwestern University)

15:00 BEETLES, FLIES AND LICE ASSOCIATED WITH SOUTH AMERICAN HUMAN MUMMIES: THE ARCHAEOENTOMOLOGICAL EVIDENCE

Kirgis, Pauline (UMR 5199 du CNRS, PACEA, University of Bordeaux) - Huchet, Jean-Bernard (UMR 5199 du CNRS, PACEA, University of Bordeaux; UMR 7209, Muséum d'Histoire Naturelle de Paris; UMR 7205 CNRS MNHN UPMC EPHE, Muséum national d'Histoire naturelle de Paris)

15:15 "COLD CASES FROM THE PAST" - COMPREHENSIVE EVALUATION OF SHARP FORCE SKELETAL TRAUMAS FROM MEDIEVAL HUNGARY

László-Mateovics, Orsolya (Hungarian National Museum / Magyar Nemzeti Múzeum)

15:30 PRELIMINARY ESTIMATION OF THE CADAVER PRESERVATION STATE AND THE REALITY: THE CASE STUDY OF GENERAL GUDIN'S BURIAL

Shvedchikova, Tatiana (-)

15:45 DISCUSSION SLOT

16:30 YET IN MY FLESH I WILL SEE GOD - COMPARING THEOLOGICAL, ARCHAEOLOGICAL AND FORENSIC THOUGHTS ON NATURAL AND ARTIFICIAL MUMMIFICATION

Alterauge, Amelie (University of Bern; University of Tübingen)

16:45 MULTIDISCIPLINARY TAPHONOMIC APPROACHES REVEAL MUMMIFICATION PRACTICES IN THE MESOLITHIC, SADO VALLEY, PORTUGAL

Peyroteo Stjerna, Rita (Human Evolution, Dep Organismal Biology, Human Evolution, Uppsala University; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Nilsson Stutz, Liv (Department of Cultural Sciences, Linnaeus University) - Mickleburgh, Hayley (Department of Cultural Sciences, Linnaeus University; Forensic Anthropology Center, Texas State University) - Cardoso, João (Universidade Aberta; Centre of Archaeological Studies, Oeiras Municipal Council; ICArEHB, Universidade do Algarve)

17:00 DE-COMMINGLING PREHISTORIC AEGEAN MORTUARY ASSEMBLAGES: A MULTIDISCIPLINARY METHODOLOGICAL APPROACH TOWARDS THE STUDY OF COMMINGLED UNBURNT AND BURNT HUMAN REMAINS

Chatzikonstantinou, Ioannis (School of History and Archaeology, Aristotle University of Thessaloniki) - Papakonstantinou, Niki (School of History and Archaeology, Aristotle University of Thessaloniki; Fitch Laboratory, British School at Athens)

17:15 DISCUSSION SLOT

17:30 SOILS AND BONES – HOW IT WAS AND HOW IT GOES. CULTURAL AND NATURAL TAPHONOMY OF ROMAN PERIOD CREMAINS

Wolska, Bogumila (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Dudek, Michał - Bednik, Magdalena (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Life and Environmental Sciences) - Krupski, Mateusz (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Life and Environmental Sciences; Archeolodzy.org Foundation)

17:45 HOW CAN TAPHONOMY HELP WITH BURIAL RITUALS UNDERSTANDING. CASE STUDY BASED ON THE CHILDREN'S GRAVES WITH GRAVE PIT STONE LINING

Prichystalová, Renáta (Department of Archaeology and Museology, Masaryk University)

18:00 INSIGHTS INTO MORTUARY PRACTICES OF CHALCOLITHIC HUMAN REMAINS FROM TOMB 3 OF PERDIGÕES (PORTUGAL) THROUGH BIOANTHROPOLOGICAL AND TAPHONOMIC ANALYSIS

Relvado, Cláudia (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Almeida, Nelson (Uniarq, Centro de Arqueologia da Universidade de Lisboa) - Valera, António (Era Arqueologia SA; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Evangelista, Lucy (Era Arqueologia SA; Research Center in Anthropology and Health, University of Coimbra; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve) - Maurer, Anne-France (HERCULES Laboratory, University of Évora) - Godinho, Ricardo (Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, University of Algarve)

18:15 DISCUSSION SLOT**POSTERS****A. MICROBIAL BIOEROSION OF BONE: THE USE OF TRAINABLE WEKA SEGMENTATION FOR BSE-SEM IMAGE ASSESSMENT**

Pankowska, Anna - Žižková, Andrea (University of West Bohemia)

B. THE QUESTION OF THE BAD PRESERVATION AND DISAPPEARANCE OF BONES IN THE EARLY MODERN CEMETERY OF SZÉCSÉNY (HUNGARY)

Líbor, Csilla (Szent István Király Museum) - Balogh Bodor, Tekla - Laczkó, Virág (Hungarian National Museum) - Grynaeus, András (Pázmány Péter Catholic University)

102 **CAMPAIGNING STRATEGIES FOR ARCHAEOLOGY AND CULTURAL HERITAGE - PRINCIPLES, STRATEGIES, AND PRACTICAL EXPERIENCES**

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Siegmund, Frank (DGUF - Deutsche Gesellschaft für Ur- und Frühgeschichte; Univ. Münster) - Scherzler, Diane (DGUF - Deutsche Gesellschaft für Ur- und Frühgeschichte) - Wait, Gerry (GWHeritage; ISDAf - Institute for Sustainable Development in Africa) - Bejko, Lorenc (Univ. Tirana)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 ADVOCACY AND CONSTITUENCIES**
Wait, Gerald (GWHeritage)
- 9:00 EXPERIENCES AND LESSONS FROM A COMPLEX, SUCCESSFUL CAMPAIGN IN GERMANY FOR ARCHEOLOGY AND THE PRESERVATION OF HISTORICAL MONUMENTS**
Scherzler, Diane - Siegmund, Frank (DGUF)
- 9:15 "ELECTION BENCHMARKS": A TOOL TO BRING ARCHAEOLOGY CLOSER TO POLITICIANS AND VOTERS**
Siegmund, Frank (Univ. Münster; DGUF) - Scherzler, Diane (DGUF)
- 9:30 DISCUSSION SLOT**
- 9:45 #SAVESHEFFIELDARCHAEOLOGY: CAMPAIGNING AS SOLIDARITY**
Albarella, Umberto (Dept of Archaeology, University of Sheffield)
- 10:00 THE POWER OF ATTENTION: CAMPAIGNING ARCHAEOLOGY IN SOCIAL MEDIA**
Agolli, Esmeralda (University of Tirana)
- 10:15 DISCUSSION SLOT**
- 11:00 THE WEIGHT OF PROFESSIONAL WEAKNESS AND THE DREAM TO REACH SOMEONE BEYOND THE "CULTURAL TRIBE"**
Almansa-Sanchez, Jaime (Incipit, CSIC)
- 11:15 COUNCIL OF EUROPE CONVENTIONS – CAMPAIGNING FOR CIVIL SOCIETY WITH THE CONFERENCE OF INGOS**
Hueglin, Sophie (University of Tuebingen) - Ermischer, Gerhard (Council of Europe, Conference of International NGOs)
- 11:30 FROM ARCHAEOLOGICAL EDUCATION TO PROTECTION OF CH SITES: CAMPAIGNING ON ARCHAEOLOGY AND CH IN A RAPIDLY CHANGING SOCIAL CONTEXT**
Bejko, Lorenc - Pojani, Iris (University of Tirana)
- 11:45 DIGITAL APPROACHES TO THE PROMOTION OF ARCHAEOLOGICAL LANDSCAPES IN THE DANUBE REGION - EXPERIENCES FROM THE DAEL-PROJECT**
Fera, Martin (University of Vienna, Department of Prehistoric and Historical Archaeology) - Mele, Marko (Universalmuseum Joanneum) - Jancsary, Nika - Doneus, Michael (University of Vienna, Department of Prehistoric and Historical Archaeology) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Dolinar, Nejc (Institute for the Protection of Cultural Heritage of Slovenia) - Kiszter, Sarah (Universalmuseum Joanneum) - Scoppie, Sarah (State Office for Cultural Heritage Baden-Wuerttemberg) - Balen, Jacqueline (Archaeological Museum in Zagreb)
- 12:00 DISCUSSION SLOT**

109 ANIMAL AND PLANT MANAGEMENT IN PREHISTORIC HUNTER-FISHER-GATHERER COMMUNITIES [PAM]

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Mjaerum, Axel (Museum of Cultural History, University of Oslo) - Boethius, Adam (Department of Archaeology and Ancient History, Lund University) - Groß, Daniel (Museum Lolland-Falster) - Živaljević, Ivana (BioSense Institute, University of Novi Sad) - Mansrud, Anja (Museum of Archaeology, University of Stavanger)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 DEVELOPMENTS IN THE CONCEPT OF RESOURCE MANAGEMENT IN THE ARCHAEOLOGY OF SOUTHERN NORWAY**
Mjaerum, Axel (Museum of Cultural History, University of Oslo)
- 14:30 MESOLITHIC AND EARLY NEOLITHIC OF SOUTHWESTERN ROMANIA. A VIEW FROM ARCHAEOZOOLOGY**
Balasescu, Adrian - Boroneant, Adina ("Vasile Parvan" Institute of Archaeology, Bucharest) - Bonsall, Clive (University of Edinburgh) - Radu, Valentin (Research Institute of the University of Bucharest, Division of ArchaeoSciences, University of Bucharest)
- 14:45 RESOURCE MANAGEMENT AND EXPLOITATION AT THE EARLY HOLOCENE COASTAL SITE OF HUSEBY KLEV, SWEDEN**
Boethius, Adam (Lund University) - Robson, Harry (University of York)
- 15:00 TAKE ME TO THE LAKE: THE UTILISATION OF LACUSTRINE RESOURCES AT THE NEOLITHIC WETLAND SITE OF JÄRVENSUO 1, SOUTH-WEST FINLAND**
Koivisto, Satu - Lempiäinen-Avci, Mia (University of Turku) - Mannermaa, Kristiina (University of Helsinki)
- 15:15 PLANNING FOR THE HUNT**
Bergstol, Jostein - Friis, Ellen Kathrine - Post-Melbye, Julian (Museum of Cultural History, University of Oslo)
- 15:30 DISCUSSION SLOT**
- 16:30 WHAT WE CAN LEARN FROM EACH OTHER: THE HYPOTHESIS OF THE SUBSISTENCE STRATEGY FROM MESOLITHIC TO NEOLITHIC IN MORAVIA**
Cerevková, Alžbeta (Moravian Museum) - Malíšková, Johana (Institute of Archaeology, Czech Academy of Science, Brno)
- 16:45 WE HAVE ALWAYS DONE IT LIKE THIS! FORAGING SUBSISTENCE MODELS IN EARLY NEOLITHIC COASTAL DENMARK AND RESULTING IMPLICATIONS**
Groß, Daniel (Museum Lolland-Falster)
- 17:00 POSSIBLE WILD BOAR MANAGEMENT DURING THE LATE MESOLITHIC. A MULTI-ISOTOPE INVESTIGATION OF WILD BOAR FROM DENMARK**
Maring, Rikke (Aarhus University; Museum Østjylland) - Riede, Felix - Mannino, Marcello (Aarhus University)
- 17:15 DAIRY WITHOUT DOMESTICATES**
Kim, Alexander (Department of Anthropology, Archaeology Program, Harvard University; Department of Genetics, Harvard Medical School)
- 17:30 DISCUSSION SLOT**

126 **LIMITING SPACES: THE ATTRIBUTION OF SPATIAL MEANING THROUGH THE CREATION OF BOUNDARIES**

Time: Friday 2 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Yamasaki, Mari (Johannes Gutenberg University Mainz) - Speck, Sonja (Philipps University Marburg; Johannes Gutenberg University Mainz) - Meneghetti, Francesca (Independent researcher)

PAPERS

- 8:30** **DIVING THROUGH THE MIRROR: THE LIMINALITY OF WATER SURFACES**
Yamasaki, Mari (Johannes Gutenberg University Mainz)
- 8:45** **MORE THAN A BOUNDARY: WATER AS STRUCTURING ELEMENT IN THE SPATIAL EXPERIENCE OF ANCIENT GREEK INITIATION**
Ward, Andrew (Indiana University)
- 9:00** **ANCIENT EGYPTIANS LIVING ABROAD IN THE NEW KINGDOM**
Rocha da Silva, Thais (University of Oxford; University of São Paulo)
- 9:15** **DISCUSSION SLOT**
- 9:30** **ON THE THRESHOLDS OF SOCIAL SPACE IN SWAHILI TOWNS OF EAST AFRICA**
Baumanova, Monika (University of West Bohemia, Pilsen)
- 9:45** **DEFINING HOUSEHOLD AND MORTUARY BOUNDARIES IN IRON AGE (SAKA-WUSUN) SETTLEMENTS AND BURIAL BARROW (KURGAN) COMPLEXES IN SE KAZAKHSTAN**
Chang, Claudia (Independent scholar; Research Associate, Institute for the Study of the Ancient World, New York University)
- 10:00** **ENTRANCE TO THE BUILT ENVIRONMENT – PERCEPTION OF SPACE ON THE EARLY NEOLITHIC GÖBEKLI TEPE**
Waszk, Benny (Johannes Gutenberg-Universität Mainz; Graduiertenkolleg 1876 “Frühe Konzepte von Mensch und Natur”)
- 10:15** **DISCUSSION SLOT**
- 11:00** **THE GATES OF THE COSMOS. LIMINALITY IN THE ARCHITECTURE AND FUNCTIONS OF CENTRAL EUROPEAN NEOLITHIC PALISADED ENCLOSURES (RONDELS)**
P. Barna, Judit (Hungarian National Museum / Magyar Nemzeti Múzeum) - Kalla, Gábor (Eötvös Loránd University – Institute of Archaeological Sciences)
- 11:15** **FROM FLOOR TO ROOF: BOUNDARIES ON THE VERTICAL AXIS AND THEIR ROLE IN THE CONCEPTUALISATION OF BUILT SPACES**
Speck, Sonja (Mainz University)
- 11:30** **TOMB BOUNDARIES AND THE CREATION OF MEANINGFUL SPACE**
Beek, Nicky - van de Beek, Nicky (JGU Mainz)
- 11:45** **DISCUSSION SLOT**
- 12:00** **LIMINAL STRUCTURES AS SACRIFICIAL SPACES: A STUDY OF RING DITCHES OF SCYTHIAN BURIAL MOUNDS IN NORTHERN AZOV**
Demina, Alisa (National University of Kyiv-Mohyla Academy)
- 12:15** **IS A WALL REALLY A BOUNDARY? FORTIFICATIONS AND THEIR RELATIONSHIP TO SETTLEMENT AT BRONZE AGE ROCAVECCHIA, SOUTHEASTERN ITALY**
Iacono, Francesco (Dipartimento di Storia Culture Civiltà, University of Bologna) - Alessandri, Luca (Institute of Archaeology, University of Groningen) - Magri, Alessandra - Agostini, Giovanna - Ceccato, Zoe (Dipartimento di Storia Culture Civiltà, University of Bologna)
- 12:30** **LATE PREHISTORIC ARCHITECTURE AS A PARADIGMATIC CONSTRUCT**
Igljic, Sara - Kulenović, Igor - Vrkić, Šime - Kulenović, Neda (University of Zadar)
- 12:45** **DISCUSSION SLOT**

- 14:00** **FROM TIMBER TO EARTH: BOUNDARIES, ENTRANCES AND THE CREATION OF LIMINAL SPACES AT CASTELL HENLLYS IRON AGE FORT, WALES.**
Mytum, Harold (University of Liverpool)
- 14:15** **YOU HAVE TO BELIEVE IT TO SEE IT.**
Gourgouleti, Eleni (National and Kapodistrian University of Athens)
- 14:30** **LANDSCAPE AND DELINEATION: ENVIRONMENTAL CHANGE AND PERCEPTIONS OF BOUNDARIES IN THE HELLENISTIC WORLD**
Lord, Maria (University of Wales Trinity St David)
- 14:45** **DISCUSSION SLOT**
- 15:00** **LIMITED PERFECTION - REGULAR MEDIAEVAL TOWNS IN CENTRAL EUROPE, WANDERING OF IDEAS, LAWS AND MEASURES**
Legut-Pintal, Maria (Institute of Archaeology - University of Wrocław) - Kubicka, Anna (Faculty of Geodesy and Cartography - Warsaw University of Technology) - Fokt, Krzysztof (Faculty of Law and Administration - Jagiellonian University in Kraków) - Klír, Tomáš (Department of Archaeology - Charles University, Prague)
- 15:15** **OBSERVING BORDERS WHERE HUMANS HAVE TRIED TO BUILD BOUNDARIES**
Jané, Oscar - Banica, Costina Adriana (Autonomous University of Barcelona)
- 15:30** **WARRIOR STATUES ON THE EDGE: MOTIVED SYMBOLISM AND SITUATED ICONOGRAPHY IN THE NORTHWESTERN IBERIA DURING THE IRON AGE**
Rodríguez Corral, Javier (Departament of Prehistory and Archaeology, Universidad de Sevilla)
- 15:45** **DISCUSSION SLOT**

129 POPULISM, AUTHORITARIANISM, AUTOCRACY AND OTHER KIDS OF NEO-LIBERALISM – IN ACADEMIA AND ARCHAEOLOGY

Time: Friday 2 Sept, 8:30 - 13:00

Format: Round table

Organisers: Karl, Raimund (Universität Wien; Forum Archäologie in Gesellschaft - FAiG) - Meier, Thomas (Käte Hamburger Center for Apocalyptic and Post-Apocalyptic Studies; University of Heidelberg, Institute for Pre- and Protohistory and Near Eastern Archaeology; Forum Archäologie in Gesellschaft - FAiG) - Babić, Staša (University of Belgrade, Department of Archaeology)

Archaeologists who focus on the Islamic pasts in Europe, Asia, Africa, and beyond are keenly aware of the need to examine and understand those pasts in the context of the wider (globalized) worlds and of interconnected activities, communities, and material cultures. For archaeological researchers of Islam, the paradigm of a simple dichotomy between a single core and periphery, between Muslims and non-Muslims, between urban and rural landscapes, has been shifting toward new perspectives which acknowledge the existence of multiple centers, networks, activities, and actors with multiple voices, identities, and modes of life—all of which composed the fabric of the Islamic culture as a whole over time. This session invites contributions which explore the processes involved in integration or re-integration and connectivity (as well as disjunctions), between and within Islamic culture/s across Afro-Eurasia. We welcome a wide range of approaches: from global, comparative, transregional, to local case studies, and studies within Islamic communities, including intersectional identities based on the politics of class, gender, subsistence, diasporas or minority status. We are also interested in material studies and landscapes which contributed to re/integration, connectivity, de/territorialization, conflict, and transition in Islamic cultures over time. For instance, how boundaries were negotiated, constructed, reconstructed, and eliminated; how materials were assembled, reassembled, exchanged, and re-used; and how landscapes were created, re-appropriated, reclaimed, and re-integrated, contributing to the intrinsic interconnectedness of the Islamic world.

134 IN THE MARGINS OF THE FABRIC: TOWARDS A SOCIAL ARCHAEOLOGY OF INDUSTRIAL IMPACT IN THE MODERN AND CONTEMPORARY ERAS

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Tejerizo, Carlos - Stagno, Anna Maria (Laboratorio di Archeologia e Storia Ambientale - Università degli Studi di Genova) - Svensson, Eva - Karlsson, Catarina (Karlstad University)

PAPERS

- 14:00 AN ARCHAEOLOGY OF A MOMENT OF DANGER: THE IMPACT OF WOLFRAM INDUSTRY ON LOCAL SOCIETIES AND LANDSCAPES IN NORTHWESTERN IBERIA**
Tejerizo, Carlos (Università degli Studi di Genova)
- 14:15 WHEN INDUSTRY CAME TO THE COUNTRYSIDE. SOCIO-ENVIRONMENTAL IMPACTS OF THE IRON MILLS INDUSTRIES IN THE 17TH TO 19TH CENTURIES**
Svensson, Eva (Karlstad University) - Pettersson, Susanne (Norskt Maritimt Museum)
- 14:30 FEMALE PRESENCE IN ALENTEJO'S (PORTUGAL) INDUSTRY DURING "ESTADO NOVO": AN ARCHAEOLOGICAL ANALYSIS THROUGH PHOTOGRAPHS**
Pacheco, Susana (Independent Archaeologist)
- 14:45 DISCUSSION SLOT**
- 15:00 TRADITIONAL ARTISANSHIP IN INDUSTRIAL LANDSCAPES: POSTMEDIÉVAL POTTERY AND TILE PRODUCTION IN LES GAVARRES (CATALONIA, SPAIN)**
Travé Allepuz, Esther (Universitat de Barcelona) - Vicens i Tarré, Joan (Universitat de Girona)
- 15:15 BUTTON - AN INCONSPICUOUS INDICATOR OF INDUSTRIALIZATION: ANALYSIS OF MODERN BUTTONS OBTAINED DURING ARCHAEOLOGICAL RESEARCH IN GDAŃSK**
Dobek, Mikolaj (Nicolaus Copernicus University in Toruń)
- 15:30 DISCUSSION SLOT**
- 16:30 TOKENS AS A MEANS OF PAYMENT IN GDAŃSK**
Jasiak, Krzysztof (Nicolaus Copernicus University in Toruń)
- 16:45 CHASING THE RED DRAGON: ARCHEOLOGICAL AND HISTORICAL TRACES OF WELSH QUARRYMEN IN NEWFOUNDLAND**
Spiwak, Alexa (University of Oslo)
- 17:00 HISTORICAL ARCHAEOLOGY OF INDUSTRIALISATION IN THE MOUNTAINS. THE SPACES OF PRODUCTION IN THE LIGURIAN APENNINES (ITALY, 19TH-20TH CENTURIES)**
Cristina, Giovanni - Panetta, Alessandro (Università di Genova)
- 17:15 DISCUSSION SLOT**
- 17:30 A QUESTION OF CHOICE: OBSERVING SHIFTS IN BUILDING MATERIALS AT THE MONTE FASCE UPLAND SETTLEMENTS BETWEEN 19TH AND 20TH CENTURIES**
Bizzarri, Giulia - Piu, Caterina - Stagno, Anna (Laboratorio di Archeologia e Storia Ambientale - Università di Genova)
- 17:45 CHALLENGES AND OPPORTUNITIES TO ENHANCE THE MINING-INDUSTRIAL LEGACY OF THE REGIONS OF EL BIERZO AND LACIANA (LEÓN. SPAIN)**
Martínez, Laura - Balado, Francisco M. (UNED)
- 18:00 AN ARCHAEOLOGY OF PLASTICS, PEARLS AND POST-INDUSTRIAL ETHICS**
Simpson, Ian (Leiden University)
- 18:15 DISCUSSION SLOT**

POSTERS

- A. DREDGING, PEATS AND PANDEMICS: ARCHAEOLOGY OF THE CONTEMPORARY IN SETÚBAL, PORTUGAL**
de Camargo, Paulo (Federal University of Sergipe) - Fraga, Tiago (Tiago Miguel Fraga, LDA) - Romão, Andréia (Nep-
tune Search) - Marcos San Fulgencio, Jesús (Universidad de Cádiz) - Blázquez Martínez, Jorge (Asociación Nacional
de Arqueología Subacuática) - Gómez Rivas, Luis (Universidad Nacional de Educación a Distancia)

135 THE MEDIEVAL MARKETPLACE IN EUROPE - INTERDISCIPLINARY AND THEORETICAL APPROACHES TO ITS BIOGRAPHIES AND DEVELOPMENTS

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Rösch, Felix (University of Göttingen) - Kalmring, Sven (Centre for Baltic and Scandinavian Archaeology) - Mordovin, Maxim (Eötvös Loránd University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 MEDIEVAL MARITIME ROUTES AND ACCIDENTAL TRAVELLERS**
Panagiotakopulu, Eva (School of GeoSciences, University of Edinburgh)
- 14:30 EXPECT THE UNEXPECTED – FIND PATTERNS LINKED TO MARKET AND OPEN SPACE ACTIVITIES**
Rösch, Felix (University of Göttingen, Seminar für UFG)
- 14:45 CUMULATIVE FINDS OF COINS FROM THE MARKETPLACE OF POLISH CITIES**
Milejski, Pawel (Institute of Archaeology, University of Wrocław; Numismatic Department, Ossoliński National Institute, Wrocław)
- 15:00 THE CERAMICS OF THE MEDIEVAL MARKET PLACE OF STENDAL AND ITS (SUPER-)REGIONAL CLASSIFICATION AND SIGNIFICANCE**
Feike, Timo (Martin-Luther-Universität Halle-Wittenberg)
- 15:15 MARKETPLACES AND MARKET SQUARES IN DANISH MEDIEVAL TOWNS – THE CASE OF RIBE C. 700-1580**
Søvsø, Morten (Museum of Southwest Jutland)
- 15:30 A POSSIBLE FREEPORT IN VIKING PERIOD SIGTUNA?**
Runer, Johan (Uppdrag Arkeologi)
- 15:45 DISCUSSION SLOT**
- 16:30 WHAT MAKES A MEDIEVAL MARKET-PLACE? 'GOING TO THE FAIR' ON THE ISLE OF MAN**
Johnson, Andrew (Manx National Heritage)
- 16:45 THE MEDIEVAL TOWN SQUARE IN LÜBECK – AN INTERDISCIPLINARY APPROACH TO ITS TOPOGRAPHY, APPEARANCE, AND FUNCTIONS**
Renn, Lisa (University of Freiburg i. Br.; Department for Archaeology and Preservation of monuments in Lübeck)
- 17:00 DATING THE REORGANIZATION. THOUGHTS ABOUT THE DEVELOPMENT OF THE MEDIEVAL MARKETPLACES OF HALBERSTADT AND THEIR SURROUNDINGS**
Schoo, Tobias (Martin-Luther-University Halle-Wittenberg)
- 17:15 DISCUSSION SLOT**
- 17:30 WROCLAW'S NEW MARKET SQUARE. BIOGRAPHY OF URBAN SPACE FROM 12TH TO 20TH CENTURY.**
Sawicki, Jakub (Institute of Archaeology, Czech Academy of Sciences in Prague) - Piekalski, Jerzy (Institute of Archaeology, University of Wrocław)
- 17:45 A MARKETPLACE THROUGH THE AGES – THE ARCHAEOLOGY OF THE SZÉCHENYI SQUARE IN GYŐR, HUNGARY**
Kolláth, Ágnes (Bölcsészettudományi Kutatóközpont) - Bíró, Szilvia (Iseum Savariense Archaeological Collection and Research Centre, Savaria Museum, Szombathely) - Tomka, Gábor (Hungarian National Museum)
- 18:00 DEVELOPMENT AND RECONSTRUCTION OF THE 16TH-17TH-CENTURY MARKETPLACE IN PÁPA**
Mordovin, Maxim (Eötvös Loránd University)
- 18:15 DISCUSSION SLOT**

142 GENDER ARCHAEOLOGY AT THE CROSSROADS: THE FUTURE AND ITS CHALLENGES [AGE]

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Gaydarska, Bisserka (Manchester Metropolitan University) - Mina, Maria (University of the Aegean)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 NOW WHAT? GENDERING THE PAST IN A CHANGING PRESENT**
Skogstrand, Lisbeth (Department of Archaeology, Conservation and History, University of Oslo)
- 9:00 FEMINIST GENDER ARCHAEOLOGY AND MAINSTREAM ARCHAEOLOGY: SHOULD THEY BE INCOMPATIBLE?**
Monton-Subias, Sandra (ICREA/Universitat Pompeu Fabra)
- 9:15 DISCUSSION SLOT**
- 9:30 NON AEQUAT OMNIS CINIS – OBSOLETE AND NEW APPROACHES ON GENDER IN MORTUARY ARCHAEOLOGY**
Schlegel, Valery (FU Berlin)
- 9:45 NEANDERTHAL RESEARCH, EARLY HUMAN HISTORY AND THE ISSUE OF MASCULINITY. THE ROLE OF GENDER IN 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)
- 10:00 ARCHAEOLOGICAL HERITAGE FEMINIST (RE)READING IN THE BASQUE COUNTRY: WALKING TOWARDS EQUALITY THROUGH ARCHAEOLOGICAL RESEARCH**
Campos-Lopez, Teresa (University of the Basque Country - UPV/EHU) - Aloria, Itziar (Deusto University) - Castrillo, Janire - Odriozola, Onintza - González, Aitziber (University of the Basque Country)
- 10:15 DISCUSSION SLOT**
- 11:00 GENDER EDUCATION IN ARCHAEOLOGY. CASE STUDIES FROM BULGARIA, GERMANY AND THE UK**
Gutsmiedl-Schuemann, Doris (Universität der Bundeswehr München, Department of Social Sciences and Public Affairs, Historical Institute) - Gaydarska, Bisserka (Manchester Metropolitan University)
- 11:15 GENDER, ARCHITECTURE, AND ARCHAEOLOGY: NEW CHALLENGES IN RESEARCH AND TEACHING ACTIVITIES OF THE ARSMAYA RESEARCH GROUP**
Vidal Lorenzo, Cristina - Meijide Jansen, Erika - Feliu Beltrán, Núria (Universitat de València) - Horcajada Campos, Patricia (Universidad Complutense de Madrid) - López Bertran, Miriea - Martí Bonafé, Àngels (Universitat de València) - Muñoz Cosme, Gaspar (Universitat Politècnica de València) - Parpal Cabanes, Esther - Vázquez de Ágredos, María Luisa (Universitat de València)
- 11:30 ARCHAEOLOGICAL MUSEUMS AND GENDER ARCHAEOLOGY: CONTRIBUTING TO THE CONSTRUCTION OF A MORE EGALITARIAN SOCIETY. A SPANISH PERSPECTIVE**
Romagnoli, Francesca - Prados Torreira, Lourdes - Castelo Ruano, Raquel (UAM - Universidad Autónoma de Madrid) - López Ruiz, Clara (INJUVE - Observatorio de la Juventud y la Mujer Joven, Instituto de la Juventud) - Gutiérrez Usillos, Andrés - Robledo, Beatriz (Museo de América, Madrid)
- 11:45 DISCUSSION SLOT**
- 12:00 'MAKE MAPPINGS, NOT MUDDLES': GENDER ARCHAEOLOGY AND THE NEW MATERIALISMS**
Kay, Kevin - Eriksen, Marianne Hem (University of Leicester)
- 12:15 BEFORE, DURING AND AFTER GENDER: TOWARDS A NON-ESSENTIALIST HISTORY OF RELATIONAL DIFFERENCE**
Robb, John (University of Cambridge) - Harris, Oliver (University of Leicester)
- 12:30 THE FUTURE OF 'GENDER' IN ARCHAEOLOGY: INTEGRATING GENDER-APPROACHES INTO MAINSTREAM ARCHAEOLOGICAL PRACTICES**
Pape, Eleonore (Georg-August-Universität Göttingen)
- 12:45 DISCUSSION SLOT**

143 THE EVOLUTION OF COASTAL ARCHAEOLOGICAL SITES: SUBMERGED, PRESERVED, IN FLUX

Time: Friday 2 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Kapahnke, Sheri (Independent researcher) - Zak, Claire (Texas A&M University)

PAPERS

- 14:00 ANCHORAGES, WAYPOINTS: A PLACE TO REST YOUR WEARY BOW**
Zak, Claire (Texas A&M University) - Kapahnke, Sheri (Independent Researcher)
- 14:15 HUMAN-ENVIRONMENTAL INTERACTIONS IN THE GRADO-MARANO LAGOON (NE ITALY)**
Vinci, Giacomo (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena) - Fontana, Alessandro (Dipartimento di Geoscienze, Università di Padova) - Mercuri, Anna Maria (Laboratorio di Palinologia e Paleobotanica, Università di Modena e Reggio Emilia) - Campana, Stefano (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena)
- 14:30 TSUNAMI-DERIVED SEDIMENTS IDENTIFIED IN THE DESTRUCTION SEQUENCE OF AN 8TH CENTURY WAREHOUSE IN CAESAREA MARITIMA, ISRAEL**
Everhardt IV, Charles - Goodman-Tchernov, Beverly (Dr. Moses Strauss Department of Marine Geosciences, University of Haifa) - 'Ad, Uzi - Sharvit, Jacob - Gendelman, Peter - Barkai, Ofra (Israel Antiquities Authority) - Jaijel, Roi (Dr. Moses Strauss Department of Marine Geosciences, University of Haifa) - Roskin, Joel (Ben-Gurion University of the Negev) - Robins, Lotem (Department of Geography and Environmental Studies, University of Haifa) - Dey, Hendrik (Department of Art and Art History, Hunter College, City University of New York)
- 14:45 DISCUSSION SLOT**
- 15:00 SEAGRASSES, INVASIVE SPECIES, AND THE CHANGING MEDITERRANEAN: PROTECTING OUR MARITIME HERITAGE**
Kapahnke, Sheri (Independent Researcher) - Zak, Claire (Texas A&M University)
- 15:15 STEPS FORWARD REGARDING THE DEVASTATION OF TRAWLING ON ARCHAEOLOGICAL SITES AND FISH POPULATIONS**
Jarvis, Charlotte (Texas A&M University)
- 15:30 GIS MAPPING MARITIME CULTURAL LANDSCAPES IN LIBERIA AND SIERRA LEONE**
Crutcher, Megan (Texas A&M University)
- 15:45 DISCUSSION SLOT**
- 16:30 PREHISTORIC COASTAL SITES IN BARBADOS, WEST INDIES. EROSION, SUBMERGENCE AND COASTLINE CHANGE**
de Waal, Maaike (Faculty of Archaeology, Leiden University)
- 16:45 ERODING COASTAL SITES IN SOUTH-CENTRAL VERACRUZ, MÉXICO: CHALLENGES AND SIGNIFICANCE**
Ensor, Bradley (Eastern Michigan University)
- 17:00 SHELL DEPOSITION IN IRELAND: A PROCESS OF THE PAST AND OF THE FUTURE**
Howle Outlaw, Carolyn (University College Cork)
- 17:15 DISCUSSION SLOT**

POSTERS

- A. PRISM: PRESERVATION BY RECORD OF IRELAND'S SHELL MIDDENS**
Howle Outlaw, Carolyn (University College Cork) - Connolly, Rory - Moucheron, Martin (University College Dublin)

157 FINDS STORIES: ARCHAEOLOGICAL BIOGRAPHIES IN CONTEXTS OF MOBILITY**Time:** Friday 2 Sept, 14:00 - 18:00**Format:** Regular session**Organisers:** Marini, Christina (Australian Archaeological Institute at Athens) - Trimmis, Konstantinos (Department of Archaeology and Anthropology, University of Bristol)**PAPERS****14:00 INTRODUCTION****14:15 THE MANY LIVES OF CHIKABA'S JAR: BIOGRAPHY OF AN 18TH CENTURY POT FROM A CONVENT IN SALAMANCA, SPAIN**
Canós-Donnay, Sirio (Incipit-CSIC) - de Groot, Beatrijs (University of Edinburgh)**14:30 UNWRAPPING THE GALLOWAY HOARD: OBJECT-BIOGRAPHY AND THE NARRATIVES OF A COMPLEX ASSEMBLAGE**
Goldberg, Martin - Davis, Mary (National Museums Scotland)**14:45 THE UNEXPECTED JOURNEY OF A STONEWARE BOTTLE: WAYS OF APPROACHING THE BIOGRAPHY OF A SURFACE FIND**
Marini, Christina (Australian Archaeological Institute at Athens)**15:00 TEXTILE BIOGRAPHIES IN CONTEXT OF MOBILITY. THE CASE OF ARCHAEOLOGICAL FINDS FROM PALMYRA**
Zuchowska, Marta (Institute of Archaeology, University of Warsaw)**15:15 STORIES BEHIND PERSONAL OBJECTS AS MUSEUM NARRATIVES: A PERSPECTIVE FROM THE YMCA BASKETBALL MUSEUM OF THESSALONIKI**
Theodoroudi, Eleftheria (YMCA, Basketball Museum Thessaloniki; Aristotle University Thessaloniki) - Soumintoub, Valentina (YMCA, Basketball Museum Thessaloniki) - Kasvikis, Konstantinos (University of Western Macedonia)**15:30 WHY TO DECORATE A POT? OBJECT BIOGRAPHIES IN IBERIAN CONTEXTS OF THE UPPER GUADALQUIVIR (SPAIN)**
Moreno Padilla, María Isabel (Instituto de Investigación en Arqueología Ibérica. Universidad de Jaén)**15:45 DISCUSSION SLOT****16:30 MOBILITY OF IDEAS: TWO ARCHAEOLOGISTS IN TOTALITARIAN CONTEXTS**
Martins, Ana Cristina (IHC - Polo da Universidade de Évora; Uniarq - Centro de Arqueologia da Universidade de Lisboa; Proyecto 'ArqueologAs' - Universitat de Barcelona)**16:45 THE ADOPTION OF THE IZALCO-USULUTÁN STYLE IN NORTHERN CENTRAL AMERICA AS A REFLECTION OF SOCIAL COMPLEXITY IN THE LATE PRECLASSIC**
Martinet, Adrien (University of Bonn)**17:00 DISCUSSION SLOT****POSTERS**

- A. HEARTH AS A CENTRAL FEATURE FOR THE SOCIAL ORGANISATION OF PAST AND PRESENT PEHUENCHE GROUPS IN SOUTH CHILE**
Toro, Oscar (University College London; Universidad Alberto Hurtado)
- B. "A HORSE! A HORSE! MY KINGDOM FOR A HORSE!" (WILLIAM SHAKESPEARE, RICHARD III)**
Christakopoulou, Olga - Giamalidi, Maria (Hellenic Ministry of Culture and Sports, Ephorate of Antiquities of Achaia)
- C. BELL BEAKER PACKAGE ON THE FRONTIER – RITUAL FEATURES IN NORTH-EASTERN POLAND**
Klecha, Aleksandra (Antiquity of Southeastern Europe Research Center, Faculty of Archaeology, University of Warsaw) - Manasterski, Dariusz - Januszek, Katarzyna (Faculty of Archaeology, University of Warsaw)

162 DIGITAL HUMANITIES AND MEDIEVAL ARCHAEOLOGY: RE-INTEGRATING ISOLATED, FRAGMENTED AND OVERLOOKED ARCHAEOLOGICAL EVIDENCE

Time: Friday 2 Sept, 8:30 - 15:00

Format: Regular session

Organisers: Vargha, Maria (Charles University Prague) - Eichert, Stefan (Naturhistorisches Museum Wien) - Parvanov, Petar (Central European University)

PAPERS

- 8:30** **THANADOS - OR HOW TO PRESENT DEAD PEOPLE AND THEIR BELONGINGS IN A STATE OF THE ART FASHION**
Eichert, Stefan (Natural History Museum Vienna) - Richards, Nina (Austrian Academy of Sciences)
- 8:45** **EMPOWERING THE VOICELESS – CHALLENGES AND APPROACHES**
Vargha, Maria (Charles University Prague)
- 9:00** **EMPOWERING THE VOICELESS – GEOSTATISTICAL AND GEOSPATIAL ANALYSIS**
Janovský, Martin - Fajta, Martin (Univerzita Karlova)
- 9:15** **DISCUSSION SLOT**
- 9:30** **BEYOND DOTS AND NUMBERS. THE POTENTIAL AND PITFALLS OF LARGE-SCALE SPATIAL APPROACHES TO MEDIEVAL TRANSHUMANCE**
Dahle, Kristoffer (NTNU University Museum; Møre & Romsdal County)
- 9:45** **CONSIDERING THE WAY FORWARD: DIGITAL DATA AND THE SEMANTIC WEB**
Jansens, Nicolas (Heidelberg University; Charles University)
- 10:00** **OLD WINE INTO NEW WINESKINS: LEGACY DATA, BIG DATA, AND A CASE STUDY FROM THE BYZANTINE PELOPONNESE**
Simoni, Eleni (University of Patras) - Papagiannopoulos, Konstantinos (Institute of Local History) - Dafi, Evangelia (Ministry of Culture and Sports, Ephorate of Antiquities of Trikala) - Makrypoulas, Christos (Independent Scholar)
- 10:15** **DISCUSSION SLOT**
- 11:00** **SMALL FINDS IN 19TH AND EARLY 20TH CENTURY SILK ROAD COLLECTIONS: THE OVERLOOKED ARCHAEOLOGICAL EVIDENCE**
Hoppál, Krisztina (MTA-ELTE-SZTE Silk Road Research Group, Eötvös Loránd Research Network)
- 11:15** **DIGITAL APPROACHES TO BOARD GAMES IN THE MEDIEVAL WORLD**
Crist, Walter - Browne, Cameron (Maastricht University)
- 11:30** **FROM CLOSED CATALOGUES INTO LINKED OPEN NUMISMATIC DATA IN FINLAND**
Oksanen, Eljas (University of Helsinki) - Ehrnsten, Frida (National Museum of Finland; Finnish Heritage Agency) - Rantala, Heikki (Aalto University)
- 11:45** **DISCUSSION SLOT**
- 12:00** **UNDERSTANDING EARLY MEDIEVAL BURIALS THROUGH RADIOCARBON DATASETS**
Brownlee, Emma (University of Cambridge)
- 12:15** **HOW DIGITIZING OLD EXCAVATIONS IN ARCMAP AND ACCESS DATABASES CAN CONTRIBUTE TO A GREATER UNDERSTANDING OF PAST PRACTICES**
Swensen, Elisabeth (NTNU University Museum)
- 12:30** **EVERYDAY LIFE IN BORGUND AND THE REVITALISATION OF DATASETS ANNO 1950**
Hansen, Gitte (University Museum of Bergen, University of Bergen)
- 12:45** **DISCUSSION SLOT**
- 14:00** **RE-EVALUATING OLD ARCHEOLOGICAL EVIDENCE TO YIELD EXCITING NEW POTENTIAL: THE MEDIEVAL CASTLE OF PETRUS (CENTRAL SERBIA)**
Milosavljevic, Monika (University of Belgrade) - Stefanović, Filip - Stojanović, Branislav (The Regional Museum of Paraćin) - Trajković, Lana (Independent researcher) - Manojlović, Nikolina (University of Belgrade)

14:15 DISCUSSION SLOT

POSTERS

- A. BRIDGING THE GAP: A SEMANTIC-BASED ARCHITECTURE TO BRING TOGETHER THE ARCHAEOLOGICAL RECORD AND WRITTEN EVIDENCE**
Medina Gordo, Sonia (University of Barcelona) - del Fresno Bernal, Pablo (Sistemes de Gestió del Patrimoni) - Travé Allepuz, Esther (University of Barcelona)
- B. THE VIRTUAL SCIENTIFIC MODEL OF GREAT MORAVIAN MIKULČICE**
Poláček, Lumír - Krupičková, Šárka - Hladík, Marek - Mazuch, Marian - Hlavica, Michal - Stuchlíková, Eva - Šindelář, Jiří (Institute of Archaeology of the Czech Academy of Sciences, Brno)

170 THE HOUSES OF DEATH AS ANCESTRAL MONUMENTS. THE ARCHAEOLOGY OF NEOLITHIC LONG BARROWS IN EUROPE

Time: Friday 2 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Turek, Jan (Center for Theoretical Study, Charles University, Prague) - Darvill, Timothy (Department of Archaeology and Anthropology, Faculty of Science and Technology, Bournemouth University) - Kristuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen) - Przybyl, Agnieszka (Institute of Archaeology, University of Wrocław)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 CULTURAL ADAPTATION, SOCIAL LEARNING, AND THE ADOPTION OF NEOLITHIC LONG BARROW CONSTRUCTION IN SOUTHERN SCANDINAVIA**
Swenson, Dain (Lund University)
- 9:00 WORK IN PROGRESS – BUILDING A LONG BARROW THROUGH CENTURIES**
Beck, Malene (Østfyns Museer)
- 9:15 MOUND OVER MOUND – LONG BARROWS AT BYGHOLM NØRREMARK, DENMARK**
Gebauer, Anne Birgitte - Nielsen, Poul Otto (National Museum of Denmark)
- 9:30 LONG BARROWS AND FAÇADES**
Larsson, Lars (Department of Archaeology and Ancient History)
- 9:45 A MOUND OF MEMORIES**
Søndergaard, Louise (Museum Skanderborg)
- 10:00 LONG BARROWS AND RELATED MONUMENTS IN THE COTSWOLDS IN THE LIGHT OF RECENT WORK**
Darvill, Timothy (Bournemouth University)
- 10:15 DISCUSSION SLOT**
- 11:00 NEOLITHIC LONG BARROWS AS LONG TERM ANCESTRAL MONUMENTS IN THE RITUAL LANDSCAPES OF BOHEMIA**
Turek, Jan (Center for Theoretical Study, Charles University) - Křišťuf, Petr (Department of Archaeology, University of West Bohemia in Pilsen) - Hejzman, Michal (Czech University of Life Sciences Prague)
- 11:15 PERSPECTIVES OF LONG BARROWS RESEARCH IN MORAVIA (CZECH REPUBLIC)**
Kalabková, Pavlína (Palacký University Olomouc)
- 11:30 FROM THE NEOLITHIC LONG BARROWS TO THE EARLY MEDIEVAL BURIAL MOUNDS. THE RITUAL LANDSCAPE OF THE MUSZKOWICE FOREST (SUDETEN FORELAND)**
Przybyl, Agnieszka (University of Wrocław)
- 11:45 DISCUSSION SLOT**

177 ORGANIC MATERIALS IN TOMBS: THE QUIET PROTAGONISTS

Time: Friday 2 Sept, 14:00 - 17:30

Format: Regular session

Organisers: Andrianou, Demi (National Hellenic Research Foundation) - Kwaspen, Anne (Center for Textile Research, Copenhagen)

PAPERS

14:00 INTRODUCTION

14:15 ORGANIC FINDINGS FROM THE INFANT BURIALS AT THE NECROPOLIS OF THE PHALERON DELTA, IN SOUTHERN ATTICA, GREECE

Panagoupoulou, Aikaterini (Hellenic Ministry of Culture and Sport) - Zacharias, Nikos (University of Peloponnese) - Pappas, Ioannis (University of Crete)

14:30 ORGANIC MATERIALS IN LATE CLASSICAL AND HELLENISTIC TOMBS IN GREECE: THE EVIDENCE OF FURNISHINGS

Andrianou, Demi (National Hellenic Research Foundation)

14:45 ORGANIC FINDS FROM A TOMB IN VERGINA, NORTHERN GREECE

Stamatopoulou, Vasiliki (The Greek Ministry of Culture / The Hellenic Open University) - Faklaris, Panagiotis (Aristotle University of Thessaloniki)

15:00 ORGANIC MATERIALS ON WEAPONS AND ARMOR FROM NORTHERN GREEK WARRIOR BURIALS

Stamatopoulou, Vasiliki (The Greek Ministry of Culture and Sports)

15:15 DISCUSSION SLOT

15:30 TEXTILES AND TEXTILE WORKING IN ROMAN PERIOD SLOVENIA

Stemberger Flegar, Kaja (PJP d.o.o.) - Kovačič, Ana (Independent researcher)

15:45 FUNERARY TEXTILES IN PTOLEMAIC TOMBS AT EL-DEIR, KHARGA OASIS, WESTERN EGYPTIAN DESERT

Letellier-Willemin, Fleur (CRIHAM 4270 University of Limoges)

16:30 PTOLEMAIC TEXTILES FROM THE NECROPOLIS OF FAG EL-GAMUS, EGYPT

Kwaspen, Anne (CTR - SAXO - UCPH; BYU) - South, Kristin - Muhlestein, Kerry (BYU)

16:45 DISCUSSION SLOT

180 MULTI-PROXY MICROARCHAEOLOGICAL APPROACHES: STATE OF THE ART, NEW ADVANCES, LIMITATIONS AND FUTURE PERSPECTIVES

Time: Friday 2 Sept, 8:30 - 18:30

Format: Regular session

Organisers: Albert, Rosa María (ICREA Research Professor; Dept. of History and Archaeology. University of Barcelona) - Berna, Francesco (Dept. of Archaeology. Simon Fraser University)

PAPERS

- 8:30 THE INTEGRATION OF FOURIER TRANSFORM INFRARED MICROSPECTROSCOPY (MFTIR), PETROGRAPHIC ANALYSIS, AND SOIL MICROMORPHOLOGY IN ARCHAEOLOGY AND PALEOENVIRONMENTAL STUDIES**
Berna, Francesco (Simon Fraser University)
- 8:45 A MICROARCHAEOLOGICAL APPROACH TO THE EARLY UPPER PALEOLITHIC SITE OF MUGHR EL-HAMAMAH (JORDAN)**
Alonso-Eguiluz, Mónica (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Toffolo, Michael (Université Bordeaux Montaigne) - Albert, Rosa María (Institut Català de Recerca i Estudis Avançats - ICREA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Boaretto, Elisabetta (Kimmel Center for Archaeological Science - Weizmann Institute of Science) - White, Chantel (University of Pennsylvania) - Asouti, Eleni (University of Liverpool) - Nilsson Stutz, Liv (Linnaeus University) - Stutz, Aaron (Bohuslans Museum)
- 9:00 DECIPHERING DEPOSITIONAL HISTORIES: PHYTOLITH ANALYSIS ON ARCHAEOLOGICAL SOIL AND SEDIMENT THIN SECTIONS FROM MEDIEVAL CULTIVATED FIELDS IN BRUSSELS (BELGIUM)**
Vrydaghs, Luc (MARI - VUB Department of Art Studies and Archaeology Faculty of Arts and Philosophy) - Ball, Terry (Department of Ancient Scripture, Brigham Young University) - Devos, Yannick (MARI - VUB Department of Art Studies and Archaeology Faculty of Arts and Philosophy)
- 9:15 CHEMICAL AND MICROBIOLOGICAL ANALYSIS REVEALS ANAEROBIC PRESERVATION SIGNATURES AT THE ROMAN SITE OF VINDOLANDA, NORTHUMBERLAND, UK**
Taylor, Gillian - Orr, Caroline (Teesside University)
- 9:30 MAGNETIC MICROARCHAEOLOGY: METHODOLOGICAL DEVELOPMENTS IN THE INTEGRATION OF ARCHAEOLOGICAL SOIL MICROMORPHOLOGY WITH ARCHAEOMAGNETIC ANALYSIS**
Dinckal, Ada (Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez; Universidad de La Laguna Departamento de Geografía e Historia) - Arguinzones Elvira, Amiel (Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez) - Carrancho Alonso, Angel (Área de Prehistoria. Dpto. Historia, Geografía y Comunicación. Laboratorio de Prehistoria. Edificio I+D+i. Universidad de Burgos; Laboratorio de Paleomagnetismo Dpto. Física, Escuela Politécnica Superior. Edificio A1 Universidad de Burgos) - Mallol, Carolina (Universidad de La Laguna Departamento de Geografía e Historia; Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González Avenida Astrofísico Francisco Sánchez)
- 9:45 MEASURING COROLLARY TEMPERATURES IN FIRE-IMPACTED SEDIMENTS BY WAY OF A GEO-THERMOMETER**
Stefanyshen, Earl (Simon Fraser University)
- 10:00 DISCUSSION SLOT**
- 11:00 MICRO-DEBITAGE AND FIRE-STARTING: EXPERIMENTAL TECHNIQUES FOR DETERMINING THE PRESENCE OF STRIKE-A-LIGHT ACTIVITY IN SEDIMENTARY CONTEXTS**
Wiebe, Matthea (Simon Fraser University)
- 11:15 HIDDEN SIGNATURES OF EARLY FIRE AT EVRON QUARRY (1.0 – 0.8 MYA)**
Stepka, Zane (Kimmel Center for Archaeological Science, Weizmann Institute of Science, Rehovot) - Azuri, Ido (Bioinformatics Unit, Department of Life Sciences Core Facilities, Weizmann Institute of Science, Rehovot) - Horwitz, Liora (National Natural History Collections, The Hebrew University, Jerusalem) - Chazan, Michael (Department of Anthropology, University of Toronto) - Natalio, Filipe (Kimmel Center for Archaeological Science, Weizmann Institute of Science, Rehovot; Department of Plant and Environmental Sciences, Weizmann Institute of Science, Rehovot)

- 11:30 CONTRIBUTIONS OF MICROMORPHOLOGY TO THE UNDERSTANDING OF ARCHAEOLOGICAL RECORDS: ANTA 1 DE VALE DA LAJE, PORTUGAL, AS A CASE STUDY**
 Adewumi, Opeyemi (Centro de Geociências da Universidade de Coimbra; Universidade de Coimbra; Instituto Terra e Memória, Mação, Portugal; Instituto Politécnico de Tomar) - Oosterbeek, Luiz (Centro de Geociências da Universidade de Coimbra; Instituto Terra e Memória, Mação; Instituto Politécnico de Tomar) - Vallverdú, Josep (Àrea de Pre-història, Universitat Rovira i Virgili - URV; IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Almieda, Nelson (Uniarq, Centro de Arqueologia da Universidade de Lisboa. Faculdade de Letras da Universidade de Lisboa) - Ferreira, Mário Quinta (Centro de Geociências da Universidade de Coimbra, Portugal; Universidade de Coimbra)
- 11:45 TRACING NEOLITHIC FIRE USE AND PYRO-TECHNOLOGY IN THE MICRO-SCALE THROUGH THE USE OF AN INTEGRATED GEOARCHAEOLOGICAL METHODOLOGY**
 Roussos, Dimitrios - Kalogiropoulou, Evita (University of Crete) - Kyparissi-Apostolika, Nina (Ephorate of Paleanthropology and Speleology) - Ziota, Christina (Ephorate of Antiquities of Florina)
- 12:00 NIR SPECTROSCOPY OF ORGANIC MATTER: A NEW METHOD FOR IDENTIFICATION OF ANCIENT AGRICULTURE IN CHERNOZEMIC SOILS**
 Dudek, Michal - Krupski, Mateusz - Bednik, Magdalena (Institute of Soil Science, Plant Nutrition and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Kofel, Dominika (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Sady-Bugajska, Agata (Katowice) - Vrydaghs, Luc (Maritime Cultures Research Institute, Vrije Universiteit Brussel) - Przybył, Agnieszka (Institute of Archaeology, University of Wrocław)
- 12:15 MICROSCOPIC, LUMINESCENCE, AND GEOCHEMICAL METHODS FOR UNRAVELING LAND-USE HISTORY OF AGRICULTURAL TERRACES: CASE STUDIES FROM SICILY AND VENETO, ITALY**
 Fallu, Daniel (Tromsø University Museum, UiT: The Arctic University of Norway) - Alonso-Eguiluz, Mónica - Albert, Rosa Maria (ERAAUB Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona; Institut Català de Recerca i Estudis Avançats - ICREA) - 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) - Lang, Andreas (Department of Environment and Biodiversity, Paris Lodron Universität Salzburg) - Brown, Antony (Tromsø University Museum, UiT The Arctic University of Norway; Geography and Environmental Science, University of Southampton)
- 12:30 DISCUSSION SLOT**
- 14:00 MULTI-APPROACH ANALYSIS OF PLANT CONSUMPTION: A CASE-STUDY OF IRON AGE SETTLEMENT AT PADA, NE ESTONIA**
 Johanson, Kristiina - Chen, Shidong - Oras, Ester - Sammler, Sandra - Blehner, Marie Anna (University of Tartu)
- 14:15 PLOIDY INFLUENCE ON PHYTOLITH PRODUCTION: A POTENTIAL TOOL TO STUDY AGRICULTURAL PRACTICES OF CEREALS**
 Andreu Diez, Oriol (ERAAUB-Dep. History and Archeology, Universitat de Barcelona) - Pellicer Moscardó, Jaume (Institut Botànic de Barcelona - CSIC) - Boaretto, Elisabetta (Weizmann Institute of Science) - Albert, Rosa María (Institució Catalana de Recerca i Estudis Avançats - ICREA; Section of Prehistory and Archeology, Universitat de Barcelona)
- 14:30 A MICROANALYSIS OF ROOFS IN TRADITIONAL AND PREHISTORIC CYCLADIC ARCHITECTURE**
 Gkouma, Myrsini (Faculty of History and Archaeology, National and Kapodistrian University of Athens; Science and Technology in Archaeology Research Center, Cyprus Institute; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Tsartsidou, Georgia (Ephoreia of Palaeoanthropology-Speleology of Southern Greece; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Boyd, Michael (McDonald Institute for Archaeological Research, University of Cambridge) - Margaritis, Evi (Science and Technology in Archaeology Research Center, Cyprus Institute) - Moutafi, Ioanna (Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge)
- 14:45 ASSESSING THE RAW MATERIALS UTILIZED IN LIME PRODUCTION: A CASE STUDY OF PLASTERS AND MORTARS FROM KALAVASOS-AYIOS DHIMITRIOS, CYPRUS**
 Herrick, Hannah - Berna, Francesco (Simon Fraser University)
- 15:00 DESTRUCTION PROCESSES IN A LATE IRON AGE PUBLIC BUILDING: A MICROARCHAEOLOGICAL STUDY**
 Shalom, Nitsan - Gadot, Yuval (Tel Aviv University) - Shalev, Yiftah (Israel Antiquities Authority) - Lipschits, Oded (Tel Aviv University) - Asscher, Yotam (Israel Antiquities Authority) - Boaretto, Elisabetta (Weizmann Institute of Science)

- 15:15 DID THE ROMANS HAD AN URBAN WASTE MANAGEMENT SYSTEM? HOW AN INTEGRATING MICROARCHAEOLOGICAL APPROACH CAN BE USEFUL IN THIS DEBATE**
Gutiérrez-Rodríguez, Mario (Universidad de Jaén) - Bernal Casasola, Darío (Universidad de Cádiz) - Sánchez Vizcaíno, Alberto - Parras Guijarro, David - Tuñón López, José - Montejo Gámez, Manuel (Universidad de Jaén) - Goldberg, Paul (Boston University)
- 15:30 DISCUSSION SLOT**
- 16:30 APPLYING ISOTOPIC GEOCHEMISTRY TO SOURCE CERAMICS**
Renson, Virginie (University of Missouri Research Reactor)
- 16:45 SOCIAL MICROARCHAEOLOGICAL APPROACH TO BURIALS**
Moilanen, Ulla (University of Turku)
- 17:00 A COMPLEX JIGSAW. MULTI-PROXY RESEARCH FOR THE DUTCH EARLY NEOLITHIC**
Muller, Axel - Schrijer, Elma (ADC Archeoprojecten)
- 17:15 MULTI-PROXY GEOARCHAEOLOGICAL APPROACH REVEALS EARLY ANTHROPOGENIC IMPACTS ON SOILS AND HYDRO-SEDIMENTARY SYSTEMS OF LIMAGNE PLAIN (FR.)**
Mayoral, Alfredo (Catalan Institute of Classical Archaeology, Landscape Archaeology Research Group - ICAC-GIAP), Tarragona, Spain; Université Clermont Auvergne, CNRS, GEOLAB) - Granai, Salomé (GéoArchÉon & CNRS, Université Paris 1, UPEC. UMR8591. Laboratoire de Géographie Physique: environnements quaternaires et actuels) - Ledger, Paul (Department of Archaeology, Memorial University of Newfoundland & Department of Geography, Memorial University of Newfoundland) - Peiry, Jean-Luc (Université Clermont Auvergne, F-63000 Clermont-Ferrand & CNRS, EDYTEM) - Berger, Jean-François (CNRS, UMR 5600, EVS-IRG & Université Lyon 2) - Develle, Anne-Lise (UMR 5204 EDYTEM, Université Savoie Mont Blanc, CNRS) - Defive, Emmanuelle (Université Clermont Auvergne, CNRS, GEOLAB) - Vautier, Franck (Université Clermont Auvergne, CNRS) - Miras, Yannick (CNRS, UMR7194, Histoire Naturelle de l'Homme Préhistorique, Département de Préhistoire, Muséum National d'Histoire Naturelle, Institut de Paléontologie Humaine)
- 17:30 FROM MICRO TO MACRO: A MULTI-SCALAR GEOARCHAEOLOGICAL INVESTIGATION OF LONG-TERM HUMAN-ENVIRONMENT INTERACTIONS AT THE HARRISON-CHEHALIS CONFLUENCE SW, BRITISH COLUMBIA**
Ritchie, Patrick (University of British Columbia) - Berna, Francesco (Simon Fraser University)
- 17:45 TRACK RECORD: A MULTI-SCALAR APPROACH FOR INVESTIGATING MODERN AND ARCHAEOLOGICAL FOOTPATHS UNDER DIFFERENT ENVIRONMENTS**
Nir, Nadav (Freie Universität Berlin) - Stahlschmidt, Mareike (Max Planck Institute for Evolutionary Anthropology) - Davidovich, Uri (The Hebrew University of Jerusalem) - Hardt, Jacob (Freie Universität Berlin) - Busch, Robert (Freie Universität Berlin) - Schütt, Brigitta (Freie Universität Berlin) - Ullman, Micka (The Hebrew University of Jerusalem)
- 18:00 DISCUSSION SLOT**

POSTERS

- A. ONE MILLENNIUM OF HUMAN-ENVIRONMENT INTERACTIONS RECORDED IN THE ŚWIĘTE MIRE (WESTERN POLAND, CENTRAL EUROPE)**
Czerwinski, Sambor (Laboratory of Climate Change Ecology, Adam Mickiewicz University; Max Planck Institute for the Science of Human History, Jena) - Lamentowicz, Mariusz (Laboratory of Climate Change Ecology, Adam Mickiewicz University) - Karpińska-Kotaczek, Monika (Climate Change Ecology Research Unit, Adam Mickiewicz University; Centre for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) - Guzowski, Piotr (Centre for the Study of Demographic and Economic Structures in Preindustrial Central and Eastern Europe, University of Białystok) - Izdebski, Adam (Max Planck Institute for the Science of Human History, Jena) - Gałka, Mariusz (Department of Biogeography, Paleoecology and Nature Conservation, University of Lodz) - Pilloix, Malo (Laboratoire Chrono-Environnement, UMR 6249, Université de Bourgogne Franche-Comté) - Kotaczek, Piotr (Laboratory of Climate Change Ecology, Adam Mickiewicz University)

187 THE NETWORK FORMER: TRADE AND EXCHANGE OF GLASS IN ANTIQUITY**Time:** Friday 2 Sept, 14:00 - 18:30**Format:** Regular session**Organisers:** Franjic, Ana (Museum of Ancient Glass, Zadar) - Montanari, Eleonora (Newcastle University)**PAPERS****14:00 INTRODUCTION****14:15 GLASS EYE-BEADS IN MYCENAEAN GREECE: MANUFACTURE, PROVENANCE AND FUNCTION**

Nikita, Kalliopi (Greek Ministry of Culture - Ephorate of Antiquities of East Attica)

14:30 EVIDENCE FOR LONG-DISTANCE TRADE ON THE GREAT HUNGARIAN PLAIN: BLUE GLASS BEADS FROM THE TUMULUS CULTURE CEMETERY OF MAKLÁR

Mengyán, Ákos (Hungarian National Museum) - Sz. Osváth, Zsófia (Department of Archaeology, Doctoral School of History, University of Szeged) - Hrabák, Zita (Hungarian National Museum) - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)

14:45 GLASS CONNECTIONS IN LATE IRON AGE EUROPE: FROM RAW MATERIAL FROM THE NEAR EAST TO ORNAMENTS OF THE NEARBY CITY

Rolland, Joëlle (UMR 8215 Trajectoires; UMR 7065 Iramat)

15:00 DISCUSSION SLOT**15:15 MOSAIC GLASS OBJECTS FROM THE ROMAN LEGIONARY CAMP BURNUM**

Jadric-Kucan, Ivana (University of Zadar) - Sokcevic Purusic, Anamaria (Archaeological collection Burnum National Park "Krka")

15:30 ARCHAOMETRIC INVESTIGATION ON THE OPAQUE RED GLASS SECTILIA FROM THE VILLA OF LUCIUS VERUS (2ND CENTURY AD) IN ROME

Bandiera, Mario (VICARTE, Research unit Vidro e Ceramica para as Artes, FCT/UNL; Dep. de Conservação e Restauro, FCT/UNL) - Verità, Marco (LAMA laboratory, IUAV University, Venice) - Vilarigues, Marcia (VICARTE, Research Unit Vidro e Ceramica para as Artes, FCT/UNL; Dep. de Conservação e Restauro, FCT/UNL) - Sagui, Lucia (Sapienza Università di Roma)

15:45 DISCUSSION SLOT**16:30 THE FALL OF ANTIMONY: SOURCING THE END OF SB-DECOLOURED ROMAN GLASS**

Degryse, Patrick (Earth and Environmental Sciences, KU Leuven; Fac. Archaeology, Leiden University) - Van Ham - Meert, Alicia - Gonzalez, Sofia (Earth and Environmental Sciences, KU Leuven)

16:45 TRANSFORMATION IN SICILIAN GLASS ECONOMY BETWEEN THE MID-4TH AND 7TH CENTURIES: MAZARA DEL VALLO AND VILLA DEL CASALE

Vagni, Elisa - Colangeli, Francesca (Università degli studi di Roma "Tor Vergata", SPFS Department) - Schibille, Nadine (IRAMAT-Centre Ernest Babelon - UMR 5060 - CNRS-Université d'Orléans)

17:00 GLASS FOR BARBARIANS & GLASS OF BARBARIANS

Cholakova, Anastasia (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Petruskas, Oleg (Institute of Archaeology, The National Academy of Sciences of Ukraine) - Karlsen, Hans-Jörg (Universität Rostock, Heinrich Schliemann-Institut für Altertumswissenschaften) - Hegewisch, Morten (Institut für Prähistorische Archäologie, Freie Universität Berlin) - Kronz, Andreas (Geowissenschaftliches Zentrum, Georg-August-Universität Göttingen)

17:15 DISCUSSION SLOT**17:30 "WHAT LIGHT THROUGH YONDER WINDOW BREAKS?" FIRST ARCHAOMETRIC RESULTS FROM THE WINDOWGLASSMED PROJECT**

Bertini, Camilla (Newcastle University; Harvard University)

17:45 SAFETY IN NUMBERS: GLASS, COMPOSITIONAL ANALYSIS AND THE MATHEMATICAL NETWORK
Govantes Edwards, David (University of Córdoba)

18:00 DISCUSSION SLOT

POSTERS

- A. CHEMICAL COMPOSITIONS OF SELECTED BRONZE AND IRON AGE GLASS AND GLASSY ARTEFACTS FROM SOUTHEAST HUNGARY**
Sztankovánszkiné Osváth, Zsófia (Department of Archaeology, Doctoral School of History, University of Szeged) - Bajnóczy, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)
- B. TYPOLOGY OF THE ROMAN GLASS FROM THE NORTHWESTERN NECROPOLIS OF THE SAINT SYNEROTE IN SIRMIIUM (SREMSKA MITROVICA, SERBIA)**
Štimac, Zvezdana (Department of Archaeology, Faculty of Philosophy, University of Belgrade; Museum of Srem, Sremska Mitrovica)
- C. MOVEMENT OF RAW GLASS IN THE ROMAN EMPIRE: HIMT GLASS AT FENÉKPUSZTA, PANNONIA (HUNGARY)**
Dévai, Káta (MTA - ELTE Research Group for Interdisciplinary Archaeology) - Fórizs, István (Research Centre for Astronomy and Earth Sciences, Institute for Geological and Geochemical Research) - Heinrich-Tamáska, Orsolya (Leibniz-Institute for History and Culture of Eastern Europe - GWZO) - Prien, Roland (Heidelberg Centre for Cultural Heritage, Ruprecht-Karls-Universität Heidelberg)

192 MULTI-PROXY APPROACHES TO KINSHIP IN THE GRECO-ROMAN WORLD**Time:** Friday 2 Sept, 8:30 - 12:30**Format:** Regular session**Organisers:** Voutsaki, Sofia (University of Groningen) - Nikita, Efthymia (The Cyprus Institute - STARC) - Nevett, Lisa (The University of Michigan)**PAPERS**

- 8:30 THE STUDY OF KINSHIP IN THE ANCIENT GREEK WORLD: SOME REFLECTIONS**
Voutsaki, Sofia (Groningen Institute of Archaeology; Center for Hellenic Studies, Harvard University)
- 8:45 KINSHIP STUDIES THROUGH THE ARCHAEOLOGICAL RECORD: EXPLORING MULTIPLE WAYS OF APPROACHING KIN TIES IN PREHISTORIC SOCIETIES**
Kyritsi, Maria (National and Kapodistrian University of Athens)
- 9:00 HOUSE AND SETTLEMENT DISPOSITION AS A REFLECTION OF KINSHIP RELATIONSHIPS. THE PREPALATIAL HAMLET OF MYRTOS FOURNOU KORIFI AS A CASE-STUDY**
Vendramin, Daniele (Université Catholique de Louvain)
- 9:15 DISCUSSION SLOT**
- 9:30 MORTUARY STRATEGIES & KINSHIP DYNAMICS IN EARLY GREECE**
Alexandridou, Alexandra (University of Ioannina)
- 9:45 ETHNIC ROOTS, FEMALE DESCENT, FAMILY STRATEGIES: VOLTERRA, AN ETRUSCAN COMMUNITY IN THE ROMAN WORLD (CENTURIES 3RD BC-5TH AD)**
Limina, Valentina (University of Pisa)
- 10:00 DISCUSSION SLOT**
- 11:00 BIOARCHAEOLOGICAL APPROACHES TO KINSHIP PATTERN ANALYSIS IN THE GRECO-ROMAN WORLD**
Nikita, Efthymia (The Cyprus Institute)
- 11:15 KINSHIP AND SOCIAL CHANGE AT THE ONSET OF THE MYCENEAN ERA; THE CASE OF AYIOS VASILEIOS**
Tritsaroli, Paraskevi (University of Groningen, Institute of Archaeology) - Moutafi, Ioanna (The Malcolm H. Wiener Laboratory for Archaeological Science Postdoctoral Fellow, American School of Classical Studies at Athens) - Nikita, Efthymia (Science and Technology in Archaeology and Culture Research Centre, The Cyprus Institute) - Voutsaki, Sofia (University of Groningen, Institute of Archaeology)
- 11:30 BLOOD WILL TELL. FAMILY BURIALS IN ROMAN SAGALASSOS (FIRST-FIFTH CENTURY CE), SOUTHWEST TURKEY**
Beaujean, Bas (Sagalassos Archaeological Research Project; KU Leuven) - Cleymans, Sam (Sagalassos Archaeological Research Project; KU Leuven; Gallo-Romeins Museum Tongeren)
- 11:45 DISCUSSION SLOT**

194 SAFER-SPACES POLICIES IN ARCHAEOLOGICAL PRACTICE [EAA EXB]

Time: Friday 2 Sept, 8:30 - 10:30

Format: Workshop

Organisers: Barreiro, David (Institute of Heritage Sciences, Spanish National Research Council) - Pastor-Pérez, Ana (Institute of Archaeology, University of Barcelona) - Simões, Sara (UNIARQ - Centre for Archaeology, University of Lisbon)

The EAA 2020 Statement on Archaeology and Gender was approved in 2021. It constitutes an important step on the path towards equality and, therefore, towards a fairer, freer and safer archaeological practice for everyone. It is the result of years of work carried out by different people, mostly women, inside and outside the EAA. Those professionals have focused on identifying and preventing the risk of harassment in archaeology and, ultimately, on its future demise.

Moreover, we think that those initiatives are the minimum to adopt a general EAA strategy against harassment, and that it is necessary to expand the field of action including functional diversity, physical appearance, ethnicity or origin, age or beliefs. In our view to transfer the Safe Space policy that is already adopted at EAA meetings to the exercise of the discipline is very relevant, especially in all the archaeological ecosystem: laboratories, classrooms, offices and archaeological sites-excavations. Safety should be also a priority since risk prevention is often insufficient or even non-existent and its lack constitutes a form of abuse towards the worker.

This session is intended to be a forum for debate how to design and implement Safer Space Policies in the archaeological field and practice. How and how far are we moving forward on preventing risk, bullying, harassment and discrimination together? What are we doing to move towards a safe, egalitarian, inclusive and diverse discipline? How to combine experiences and strategies in order to create supportive frameworks and networks for students and professionals?

Should they be comprehensive policies or should they be designed by experts and applied according to specific criteria? Should they be applied following a principle of co-responsibility or should there be roles of greater responsibility within the workspaces? What can we do from EAA to the broader field of Archaeology?

207 REMEMBRANCE OF THINGS PAST: NEW APPROACHES TO THE CONSTRUCTION AND USES OF CULTURAL MEMORY FROM IRON AGE TO ANTIQUITY

Time: Friday 2 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon) - Machuca Prieto, Francisco (University of Málaga)

PAPERS

- 16:30 CULTURAL MEMORY IN PROTOHISTORIC AND ANCIENT MEDITERRANEAN SOCIETIES: AN HISTORIOGRAPHICAL INTRODUCTION**
Machuca Prieto, Francisco (University of Malaga, Department of Historical Sciences) - B. Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon, School of Arts and Humanities of the University of Lisbon)
- 16:45 BUILDING MEMORIES: PAST ARCHITECTURES AND THE MATERIALIZATION OF A "SENSE OF PLACE" IN WESTERN SICILY, 9TH – 6TH CENTURIES BC**
Ferrer-Martín, Meritxell (Universitat Pompeu Fabra)
- 17:00 (RE)INVENTING TRADITION: CULTURAL MEMORY AND THE RISE OF RURAL SOCIETIES IN THE EARLY IRON AGE OF SOUTHERN PORTUGAL**
Gomes, Francisco (University of Lisbon)
- 17:15 DISCUSSION SLOT**
- 17:30 THE SACRED PAST: MEMORY AND THE CONSTRUCTED LANDSCAPE OF THE SORTE MULD SETTLEMENT**
Maddox, Timmis (University of Wisconsin-Milwaukee) - Caretta, Nicolas (Bornholms Museum) - Czonstke-Świątkowska, Karolina - Świątkowski, Bartosz (University of Gdansk)
- 17:45 COLLECTIVE MEMORY AND EXTREME EVENTS. SYMBOLIC IMPLICATIONS OF A POSSIBLE EARTHQUAKE IN THE ROMAN LEVELS OF LOS CASTILLEJOS (MÁLAGA, SPAIN)**
Martín Casado, Juan Manuel (Universidad de Málaga)
- 18:00 MAKING MEMORIES IN THE MOUNTAINS. THEORIZING CULTURAL MEMORY AT ROMAN IMPERIAL AND LATE ROMAN (25BCE-C.400CE) SAGALASSOS (SW ASIA MINOR)**
Beaujean, Bas (Sagalassos Archaeological Research Project)
- 18:15 DISCUSSION SLOT**

208 TELLING STORIES ABOUT IMPACTS OF ACADEMIC RESEARCH IN ARCHAEOLOGY ON SOCIETY: WIDER LESSONS FROM THE UK RESEARCH EXCELLENCE FRAMEWORK EXPERIENCE [EAA EXB]

Time: Friday 2 Sept, 11:00 - 13:00

Format: Round table

Organisers: Foster, Sally (University of Stirling; EAA Secretary) - Holtorf, Cornelius (Linnaeus University; UNESCO Chair on Heritage Futures)

This session asks what we can learn from the UK's recent Research Excellence Framework (REF) experience of university academics having to formally generate, measure and evaluate non-academic impact of their archaeological research.

The REF publishes the results of its 2021 assessment of the quality of research in UK higher education institutions (HEI) in May 2022. The outcomes of this massive enterprise, last undertaken in 2014, affect future HEI funding, with 25% of each score now relating to impact. Over 60 diverse Impact Case Studies for archaeological and related heritage research will be published (www.ref.ac.uk) and offer insights into the character of existing practices.

We aim to explore the following:

- Should archaeological research be evaluated in relation to its public benefits and impact on society, what does that mean, and can it be measured by criteria such as reach and significance?
- What are the trends across Europe in evaluating archaeology's public benefits and impact on society?
- What are the practical challenges and opportunities that arise from any formal requirements of evaluation, and how can we help each other to enhance our performances or change the requirements?
- In the wider context of the drive for Archaeology to demonstrate and improve public benefits and impact, what can we learn going forward?

We particularly welcome attendance from academics with diverse geographical experience of researching in European Universities. Discussants will include:

- David Mattingly (University of Leicester, Chair of Archaeology REF Panel) – UK context, processes of measurement and evaluation
- Sally Foster (University of Stirling) – character of non-academic impacts and pathways to impact in the UK context
- Peter Hinton (Director, Chartered Institute for Archaeologists) – comparing the agenda for non-academic impact beyond universities
- Cornelius Holtorf (Linnaeus University) – a non-UK counterpoint based on Sweden.

213 ISOSCAPES, FOODWEBS AND PROVENANCE – ISOTOPE ARCHAEOLOGY BEYOND MATERIALS AND SPECIALISATIONS

Time: Friday 2 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev; Scienze dell'Antichità, Facoltà di Lettere e Filosofia, Sapienza - Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Paladugu, Roshan (Universidade de Évora; Sapienza - Università di Roma) - Giaccari, Matteo (Department of Environmental Biology, Sapienza University of Rome)

PAPERS

8:30 INTRODUCTION

8:45 FOODWEB ISOTOPIC VARIABILITY IN THE EARLY NEOLITHIC: DETAILED ANIMAL BASELINE RELEVANCE AND IMPLICATION IN THE AISNE VALLEY (5100-4900 BC)

Herrscher, Estelle - André, Guy (CNRS, Aix Marseille Univ, LAMPEA) - Hachem, Lamys (Inrap; Trajectoires UMR 8215) - Bedault, Lisandre (Trajectoires UMR 8215) - Thévenet, Corinne (Inrap; Trajectoires UMR 8215) - Hamon, Caroline (Trajectoires UMR 8215) - Balasse, Marie (MNHN, CNRS, AASPE UMR 7209) - Ilett, Michael (Trajectoires UMR 8215)

9:00 THE DIET SYSTEM OF THE BRONZE AGE EAST EUROPE POPULATION AND DIETARY RESOURCES: INTERPRETATION OF STABLE ISOTOPE DATA

Shishlina, Natalia (-)

9:15 UNDERSTANDING THE PAST THROUGH THE PRESENT: THE IMPORTANCE OF CONTROLLED FEEDING EXPERIMENTS IN ISOTOPE ARCHAEOLOGY

Gutierrez, Eléa (Department of Archaeology, University of Aberdeen; Department of Biological Sciences, University of Aberdeen) - Mitchell, Sharon - Hambly, Catherine (Department of Biological Sciences, University of Aberdeen) - Speakman, John (Department of Biological Sciences, University of Aberdeen; Shenzhen Key Laboratory of Metabolic Health, Shenzhen Institutes of Advanced Technology; Centre of Excellence in Animal Evolution and Genetics, Chinese Academy of Sciences) - Britton, Kate (Department of Archaeology, University of Aberdeen; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology)

9:30 PRESERVING BARLEY IN PEAT HEARTHS: EXPERIMENTAL ARCHAEOLOGY, STABLE ISOTOPES AND THE IRON AGE SITE OF CLACHTOLL BROCH, SCOTLAND

Walker-Friedrichs, Fiona - Gröcke, Darren (Durham University) - Heald, Andy - Cavers, Graeme - Robertson, Jackaline (AOC Archaeology Group) - Church, Mike (Durham University)

9:45 STABLE ISOTOPES STUDIES IN SICILIAN PHOENICIAN AND PUNIC SETTLEMENTS

Meli, Francesca (Dept.Cultural Heritage-University of Palermo; LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo) - Tramati, Cecilia (Stable Isotope Ecology Laboratory of the Department of Earth and Marine Sciences-University of Palermo) - Greco, Caterina (Museo Archeologico Regionale "Antonino Salinas") - Griffo, Maria Grazia (Museo Archeologico Regionale Lilibeo di Marsala) - Nero, Carla (Soprintendenza Beni Culturali Palermo) - Fiorentino, Claudia (LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo) - Vizzini, Salvatrice (Stable Isotope Ecology Laboratory of the Department of Earth and Marine Sciences-University of Palermo) - Sineo, Luca (LabHomo- Anthropology Laboratory of Department of Biological, Chemical and Pharmaceutical Sciences and Technologies-University of Palermo)

10:00 DISCUSSION SLOT

11:00 INVESTIGATING HUMAN-ANIMAL INTERACTIONS IN PRECOLONIAL HISPANIOLA: USING BAYESIAN DIETARY MIXING MODELS TO DIFFERENTIATE WILD AND DOMESTICATED PLANT FOOD SOURCE CONTRIBUTIONS

Shev, Gene - Laffoon, Jason (Leiden University - Faculty of Archaeology)

11:15 WEANING AGE FINDER (WEAN): A SIMPLE TOOL FOR ESTIMATING WEANING AGE FROM ISOTOPIC DATA

Ganiatsou, Elissavet - Souleles, Angelos - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

- 11:30** **ARCHAEOLOGY OF BRAZILIAN SHELLMOUNDS: OLD QUESTIONS AND NEW MULTI-PROXY APPROACHES**
 Cardoso, Jessica (Géosciences Environnement Toulouse, Observatoire Midi Pyrénées, UMR 5563, CNRS; Museum of Archaeology and Ethnology, University of São Paulo) - Guiserix, Danaé (École Normale Supérieure de Lyon ENS) - Jaouen, Klervia (Géosciences Environnement Toulouse, Observatoire Midi Pyrénées, UMR 5563, CNRS; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Strauss, Andre (Museum of Archaeology and Ethnology, University of São Paulo)
- 11:45** **A COMBINED OSTEOLOGICAL, ISOTOPE AND PROTEOMICS APPROACH TO POORLY PRESERVED HUMAN REMAINS FROM A DUTCH EAST INDIA COMPANY BURIAL GROUND**
 Hall, Rachael (Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University) - Olszewski, Judyta (Division of Clinical Anatomy and Biological Anthropology, Department of Human Biology, University of Cape Town; Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University) - Kootker, Lisette (Geology & Geochemistry cluster, Department of Earth Sciences, Vrije Universiteit Amsterdam) - Layfield, Robert - Shaw, Barry - Oldham, Neil (The University of Nottingham Medical School, Faculty of Medicine & Health Sciences, University of Nottingham) - Hart, Tim (Archaeology Contracts Office - ACO - Associates, Cape Town) - Derksen, Leon (Independent Researcher) - Manders, Martijn (Cultural Heritage Agency of the Netherlands - RCE; Archaeological Heritage Management, Faculty of Archaeology, Leiden University) - Schrader, Sarah (Laboratory of Human Osteoarchaeology, Faculty of Archaeology, Leiden University)
- 12:00** **THE ISOTOPIC RATIO 87SR/86SR AS MOBILITY/PERMANENCE MARKER IN VELIA ARCHEOLOGICAL SITE**
 Giaccari, Matteo (Department of Environmental Biology, Sapienza University of Rome)
- 12:15** **CONSTRUCTING BIOAVAILABLE STRONTIUM BASELINES FROM THE LOCAL TO THE MULTI-NATIONAL SCALE USING NEW AND LEGACY DATA – CHALLENGES AND LIMITATIONS**
 James, Hannah - Cheung, Christina - Gerritzen, Carina - Griffith, Jacob - 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)
- 12:30** **DISCUSSION SLOT**
- 14:00** **THE APPLICATION OF SR ISOTOPES TO DECIPHER THE SOURCE OF NABATAEAN BRONZE COINS COLLECTED IN ISRAEL**
 Ercoles, Isabella (Department of Earth Sciences, Sapienza University of Rome)
- 14:15** **FROM OXALID TO GLOBALID: A SUBSTANTIAL UPGRADE OF A WELL-KNOWN DATA POOL OF LEAD ISOTOPES FOR METAL PROVENANCING USING R**
 Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev, Be'er Sheva; Dipartimento di Scienze dell'Antichità, Sapienza – Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum) - Klein, Sabine (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; FIERCE, Frankfurt Isotope & Element Research Centre, Goethe Universität) - Westner, Katrin (Ecole Normale Supérieure de Lyon, CNRS, Université de Lyon) - Hsu, Yiu-Kang (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum)
- 14:30** **FURTHERING OUR UNDERSTANDING OF THE SOURCES OF THE METAL OF ROMAN DENARII – A MULTI-ISOTOPE AND ELEMENTAL ANALYSIS APPROACH**
 Greifelt, Tim (Forschungsbereich Archometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Geologie, Mineralogie & Geophysik, Ruhr-Universität Bochum) - Wigg-Wolf, David (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK, Frankfurt am Main) - Klein, Sabine (Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum; Institut für Archäologische Wissenschaften, Ruhr-Universität Bochum; FIERCE, Frankfurt Isotope & Element Research Centre, Goethe Universität, Frankfurt am Main)
- 14:45** **SOCIAL TRAJECTORIES OF MEDITERRANEAN IMPORT IN THE TRANSALPINE WORLD BETWEEN THE 3RD CENTURY BC AND 2ND CENTURY AD**
 Bursak, Daniel - Frank-Danielisová, Alžběta (Institution of Archaeology of the CAS, Prague)
- 15:00** **DEVELOPMENTS TOWARDS FAIR AND LOUD INSTRUMENTAL DATA REPOSITORIES IN OTHER DISCIPLINES**
 Rose, Thomas (Department of Archaeology, Ben-Gurion University of the Negev, Be'er Sheva; Dipartimento di Scienze dell'Antichità, Sapienza – Università di Roma; Forschungsbereich Archäometallurgie, Leibniz-Forschungsmuseum für Georessourcen/Deutsches Bergbau-Museum Bochum)

15:15 DISCUSSION SLOT

POSTERS

- A. HOW CAN WE BE SURE THAT OUR (OSSEOUS) FIND IS APPROPRIATE FOR AMS 14C MEASUREMENT?**
Szigeti, Anna (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Déri Museum, Debrecen) - Molnár, Mihály - Major, István (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen)
- B. ROMAN CONNECTIONS IN VALKENBURG: A TRIPLE SR-O-C ISOTOPE APPROACH TO THE HUMAN REMAINS OF THE PEOPLE IN A MILITARISED BORDERSCAPE**
De Coster, Maura (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam) - Vos, Wouter (Vos Archeo; Saxion University of Applied Sciences Deventer) - Stevens, Saskia (Ancient History and Classical Civilization, department of History and Art History, Utrecht University) - Davies, Gareth (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam) - Kootker, Lisette (Geology & Geochemistry, Department of Earth Sciences, Vrije Universiteit Amsterdam)
- C. THE DIETARY IMPACT OF THE YAMNAYA HORIZON ON CONTEMPORARY AGRICULTURALIST POPULATIONS IN THE BALKANS**
Sandoval, Elena (University of Bristol; YMPACT project)
- D. COMPARISON OF REMOVAL METHODS OF CONSERVATION SUBSTANCES LAID ON ARCHAEOLOGICAL BONE SAMPLES DEDICATED TO CARBON ISOTOPIC ANALYSES**
Major, Istvan (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen) - Szigeti, Anna (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Déri Museum, Debrecen) - Fogarasi, Eszter (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen; Department of Physical Chemistry, University of Debrecen) - Futó, István (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc) - Jull, AJ - Molnár, Mihály (International Radiocarbon AMS Competence and Training Center - INTERACT, Institute for Nuclear Research, Debrecen)
- E. SAMPLING METHODOLOGY FOR THE RADIOCARBON DATING OF HISTORICAL MORTAR: EXAMPLES OF SAMPLES FROM THE OLDEST STRUCTURES AT PRAGUE CASTLE (CZ)**
Tomanova, Pavla (Institute of Archaeology of the CAS) - Válek, Jan (Institute of Theoretical and Applied Mechanics of the CAS) - Světlík, Ivo (Nuclear Physics Institute of the CAS) - Maříková-Kubková, Jana - Herichová, Iva (Institute of Archaeology of the CAS)
- F. STABLE ISOTOPE ANALYSIS IN HUMAN BONE COLLAGEN FOR THE RECONSTRUCTION OF DIETARY PATTERNS IN THE ANCIENT COLONY OF ABDERA (GREECE).**
Georgiadou, Angeliki - Zisis, Anastasios - Ganiatsou, Elissavet (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Kallintzi, Constantina (Ephorate of Antiquities of Xanthi, Ministry of Culture and Sports) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)
- G. DIET RECONSTRUCTION IN ANCIENT AMBRACIA: STABLE ISOTOPE ANALYSIS ($\Delta^{15}\text{N}$, $\Delta^{13}\text{C}$) FROM HUMAN BONE COLLAGEN, DURING THE ARCHAIC AND CLASSICAL YEARS**
Georgiadou, Angeliki - Ganiatsou, Elissavet - Xanthopoulos, Kyriakos - Zisis, Anastasios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Papadopoulou, Varvara (Ephorate of Antiquities of Arta, Ministry of Culture and Sports) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)

225 ANARCHY AND ARCHAEOLOGY: TOWARDS NEW THEORETICAL AND PRACTICAL PERSPECTIVES

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Moshenska, Gabriel (UCL Institute of Archaeology) - Politopoulos, Aris - Arciero, Roberto (Leiden University) - Lerma Guijarro, Alma (Backset Archaeology) - Kiddey, Rachael (Oxford University)

PAPERS

- 14:00** **MUTUAL AID IN ARCHAEOLOGY: THE BLACK TROWEL COLLECTIVE MICROGRANTS**
Politopoulos, Aris (Leiden University)
- 14:15** **THE PRACTICAL ANARCHIST, WORKING FOR BETTER ARCHAEOLOGICAL FUTURES**
Morgan, Colleen (University of York) - Borck, Lewis (New Mexico Highlands University) - Herrmann, Corey (Yale University)
- 14:30** **"CÍRCULA XONDA" OR THE MUTUAL AID AMONG PREDOCTORAL RESEARCHERS IN ARCHAEOLOGY**
Á. Granell, Carmen - Carbajo Usano, Matilde - Ramírez Corredor, Yvonne - Villena Rodríguez, Noeía - Moral de Eusebio, Enrique - Muriente Pastrana, Aurora (Universitat Pompeu Fabra)
- 14:45** **DISCUSSION SLOT**
- 15:00** **"UNPROOF IS THE GROUND OF ACTION" – AN ARCHAEOLOGY OF POSSIBILITIES**
Frieman, Catherine (Australian National University)
- 15:15** **HERITAGE AS A COMMONS: THE OCCUPATION OF HISTORIC BUILDINGS IN GREECE AND THE CASE OF ROSA NERA AT CHANIA, CRETE**
Lekakis, Stelios (McCord Centre, Newcastle University)
- 15:30** **MAPPING THE DIFFERENCE BETWEEN UNEQUAL AND AGAINST-THE-STATE SOCIETIES. AN APPROACH FROM NW IBERIA (4TH-1ST BC)**
Álvarez, Samuel (Incipit, CSIC; Universidade de Santiago de Compostela)
- 15:45** **DISCUSSION SLOT**
- 16:30** **INEQUALITIES, ENCLOSED SPACE, AND SOCIAL RESISTANCE: BUILDING FORTIFICATIONS AND NEW SOCIAL REALITIES IN SIBERIAN HUNTER-GATHERER PASTS**
Schreiber, Tanja (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:45** **AN UNHEALTHY FASCINATION WITH INEQUALITY, OR ALTERNATIVE STORY LINES FOR EUROPEAN PREHISTORY**
Robb, John (University of Cambridge)
- 17:00** **ANARCHY IN ARCHAEOLOGY: HISTORIOGRAPHY AND PERSPECTIVES**
Demoule, Jean Paul (University of Paris I - Panthéon-Sorbonne)
- 17:15** **DISCUSSION SLOT**
- 17:30** **A NORMIE HISTORY OF MAINSTREAM ANARCHIST ARCHAEOLOGIES**
Flexner, James (University of Sydney) - Frieman, Catherine (Australian National University) - Birmingham, James (Institute for Anarchist Studies/Black Trowel Collective)
- 17:45** **ANARCHIST ARCHAEOLOGY: REVIEW FROM THE BEGINNING TO NOWADAYS**
Lerma Guijarro, Alma (Backset Archaeology)
- 18:00** **DISCUSSION SLOT**

226 FOREIGN VS LOCAL IN MEDIEVAL AND MODERN AGE FOODWAYS IN THE BALTIC SEA REGION

Time: Friday 2 Sept, 11:00 - 13:00

Format: Regular session

Organisers: Rannamäe, Eve (Department of Archaeology, Institute of History and Archaeology, University of Tartu) - Bartosiewicz, László (Osteoarchaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University)

PAPERS

11:00 INTRODUCTION

11:15 BY THE BOOK? MEDIEVAL AND EARLY MODERN AGE HIGH STATUS MEAT CONSUMPTION IN THEORY AND PRACTICE

Bartosiewicz, Laszlo (Department of Archaeology and Classical Studies, Stockholm University) - Gál, Erika (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest)

11:30 WHAT ABOUT EXOTIC SPECIES?

Schmölcke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA)

11:45 TASTY AND EXPENSIVE: FOREIGN ANIMALS AND PLANTS ON THE KINGS' TABLE. DATA FROM THE 13TH-17TH C. VILNIUS LOWER CASTLE, LITHUANIA

Pillicauskiene, Giedre (Vilnius University, Faculty of History) - Blaževičius, Povilas (National Museum of Lithuania) - Minkevičius, Karolis (Vilnius University, Faculty of History)

12:00 STABLE ISOTOPE EVIDENCE FOR IMPORTED VS LOCAL FOOD CONSUMPTION IN HISTORIC PERIOD ESTONIA

Agurauja-Lätti, Ülle (Archaeological Research Collection, Tallinn University)

12:15 DIET AND SOCIAL STATUS IN MEDIEVAL AND EARLY MODERN TARTU (DORPAT), ESTONIA

Malve, Martin (University of Tartu) - Agurauja-Lätti, Ülle (Tallinn University)

12:30 DISCUSSION SLOT

231 BIOANTHROPOLOGY IN WESTERN ASIA: MOVING FORWARD (A SESSION IN HONOUR OF PROF HOLGER SCHUTKOWSKI)

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Kharobi, Arwa (University of Bordeaux; Bournemouth University) - Maaranen, Nina (Bournemouth University)

PAPERS

8:30 INTRODUCTION

8:45 DENTAL PATHOLOGIES AT THE DAWN OF NEOLITHIZATION IN THE NEAR-EAST: NEW METHODS APPLIED TO ANCIENT COLLECTIONS

Chamel, Berenice (Archéorient Laboratory, Lyon, CNRS)

9:00 SOCIAL VIOLENCE AT NEOLITHIC ÇATALHÖYÜK

Knusel, Christopher (Université de Bordeaux) - Milella, Marco (University of Bern)

9:15 DISCUSSION SLOT

9:30 CONTINUITY DURING TIMES OF CHANGE – EVIDENCE FROM MIDDLE BRONZE AGE SIDON (LEBANON)

Maaranen, Nina (Bournemouth University) - Stantis, Chris (Bournemouth University; National Museum of Natural History) - Kharobi, Arwa (University of Bordeaux; Bournemouth University) - Serhal, Claude (Sidon Excavation)

9:45 BETWEEN THE MOUNTAINS AND THE DESERT: ISOTOPIC EVIDENCE OF ALLUVIAL FAN SUBSISTENCE AT TEPE CHALOW IN NE IRAN

Soltysiak, Arkadiusz - Fetner, Rafał (Department of Bioarchaeology, Faculty of Archaeology University of Warsaw) - Vahdati, Ali A. (Northern Khorasan branch of Iranian Cultural Heritage, Handicrafts, and Tourism Organization, Bojnord) - Biscione, Raffaele (Institute for Technologies Applied to Cultural Heritage, Consiglio Nazionale delle Ricerche, Rome)

10:00 NEW GENOMIC EVIDENCE OF A BRONZE AGE LEVANTINE-EGYPTIAN NEXUS

Saube, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Stantis, Chris (Faculty of Science and Technology, Department of Archaeology and Anthropology, Bournemouth University; Department of Anthropology, National Museum of Natural History, Washington) - Pagani, Luca (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology, University of Padua) - Guellil, Meriam (Estonian Biocentre, Institute of Genomics, University of Tartu) - Scheib, Christiana (Estonian Biocentre, Institute of Genomics, University of Tartu; St John's College, Cambridge)

10:15 DISCUSSION SLOT

11:00 IDENTITY AND DISABILITY IN EGYPTIAN BIOARCHAEOLOGY

Zakrzewski, Sonia (University of Southampton)

11:15 REPURPOSING OPEN ACCESS ISOTOPIC DATA IN ANCIENT EGYPT AND WESTERN ASIA

Stantis, Christina (Bournemouth University; Department of Anthropology, National Museum of Natural History) - Huffer, Damien (Department of History, Carleton University; School of Social Sciences, University of Queensland) - Cheung, Christina (Research Unit: Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Department of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Salesse, Kévin (Department of Anthropology, Faculty of Science, Masaryk University)

11:30 WHAT TO DO WITH ALL THIS DATA: NEW INITIATIVES FOR LARGE-SCALE BIOARCHAEOLOGICAL RESEARCH IN THE MEDITERRANEAN AND MIDDLE-EAST

Mardini, Mahmoud (The Cyprus Institute)

11:45 DISCUSSION SLOT

- 12:00** **FOLLOWING THE TRACES OF PARTHIANS AT THE VASTMIN ARCHAEOLOGICAL SITE IN IRAN**
Amjadi, Motahareh (Eötvös Loránd University, ELTE, Doctoral School of Biology, Department of Genetics) - Ramezani, Maryam (University of Tehran, Department of Archeology) - Szécsényi-Nagy, Anna - G. Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Centre) - Egyed, Balázs (Department of Genetics, ELTE Eötvös Loránd University) - Tavallaie, Mahmood (Noor Human Genetic Research Center, Tehran) - Sharifi, Abdol Motaleb (Center of Research, Office of Cultural Heritage, Handicrafts and Tourism Organization of Mazandaran, Sari) - Forouzanfar, Farzad (Iranian Cultural Heritage, Handicraft and Tourism Organization, Tehran)
- 12:15** **INTEGRATION, COMMUNITIES AND EXCLUSION IN BYZANTINE TIMES THROUGH BURIALS FROM HIERAPOLIS OF PHRYGIA (TURKEY)**
Laforest, Caroline (Royal Belgian Institute of National Sciences) - Selsvold, Irene (University of Gothenburg; University of Leicester)
- 12:30** **UNTANGLING WESTERN ASIAN BIOARCHAEOLOGY: DATA MANAGEMENT AND RESEARCH OF COMMINGLED SAMPLES**
Perry, Megan (East Carolina University)
- 12:45** **DISCUSSION SLOT**

232 DRESSING EUROPE: MAPPING AND DISSEMINATING EUROPEAN TEXTILE HERITAGE THROUGH DIGITAL RESOURCES

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Costeira, Catarina (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon) - Iancu, Alina (National Institute of Heritage of Romania) - Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 LEARNING ABOUT TEXTILES. THE IMPORTANCE OF THE EUROWEB DIGITAL ATLAS OF EUROPEAN TEXTILE HERITAGE**
Iancu, Alina (National Institute of Heritage of Romania) - Costeira, Catarina (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; Faculdade de Letras de Lisboa. Universidade de Lisboa)
- 9:00 INFORMATION AND POSSIBILITIES LOST BETWEEN THE DBMS AND THE PRESENTATION LAYER. DO WE KNOW WHAT WE ASK THE DATABASE FOR?**
Pallin, Karolina (TexArk – The society for textile archaeology and culture studies; Textile studies, Uppsala University)
- 9:15 DISCUSSION SLOT**
- 9:30 MAPPING AND DISSEMINATING THE USE AND RE-USE OF TECHNICAL TEXTILES IN SEALING PRACTICES IN BRONZE AGE GREECE**
Ulanowska, Agata (Faculty of Archaeology, University of Warsaw)
- 9:45 DRESSING DIGITALLY THE IBERIAN PENINSULA: CURRENT STAGE, CASE STUDIES AND NEW POSSIBILITIES**
Morgado-Roncal, Leyre (University of Granada)
- 10:00 THE CHALLENGES OF MAPPING ARCHAEOLOGICAL TEXTILE TOOLS: THE CASE OF THE PRE- AND PROTOHISTORIC TEXTILE TOOLS FROM SOUTHERN PORTUGAL**
Costeira, Catarina (UNIARQ - Center for Archaeology in the University of Lisbon) - Gomes, Francisco (UNIARQ - Centre for Archaeology of the University of Lisbon; School of Arts and Humanities of the University of Lisbon)
- 10:15 DISCUSSION SLOT**
- 11:00 THE VALORIZATION OF A ROMANIAN HERITAGE DATABASE CONTAINING TEXTILE RESOURCES THROUGH THE EUROWEB DIGITAL ATLAS**
Iancu, Alina - Stan, Ania (National Institute of Heritage of Romania)
- 11:15 FINDING TEXTILE RESOURCES IN THE CHRONICLE OF ARCHAEOLOGICAL RESEARCH IN ROMANIA**
Dinu, Georgiana (National Institute of Heritage of Romania) - Iorganda, Tatiana (Faculty of History, University of Bucharest)
- 11:30 TEXTILE LANDSCAPES – CASE STUDY IRON AGE AND EARLY MEDIEVAL IN CENTRAL EUROPE**
Groemer, Karina (Natural History Museum Vienna)
- 11:45 MAPPING THE INTERNATIONAL TRADE OF MEDIEVAL AND EARLY MODERN EUROPEAN TEXTILES**
Mordovin, Maxim (Eötvös Loránd University, Budapest)
- 12:00 "WWW.ARCHEO-TKANINY.PL" DIGITAL CATALOG OF TEXTILE GRAVE EQUIPMENT, SUMMARY OF THE PROJECT (POLAND)**
Majorek, Magdalena (University of Lodz; Institute of Archaeology)
- 12:15 DISCUSSION SLOT**

POSTERS

- A. CHALLENGES OF SCOPE AND COLLABORATION: BUILDING A COMPREHENSIVE TEXTILE TERMINOLOGY LIST FOR THE DIGITAL ATLAS**
Korten, Meghan (University of Iceland)

237 PROTECTING THE PAST IS THE KEY TO THE FUTURE: RIGHTS OF ARCHAEOLOGICAL HERITAGE STAKEHOLDERS AND SOCIAL JUSTICE

Time: Friday 2 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Kairiss, Andris (Riga Technical University) - Mödlinger, Marianne (University of Genoa) - Olevska, Irina (Maastricht University)

PAPERS

14:00 INTRODUCTION

14:15 OFFENCE AGAINST ARCHAEOLOGICAL HERITAGE – IS EACH OF US A VICTIM?

Kairiss, Andris (Riga Technical University) - Olevska, Irina (Maastricht University)

14:30 STEALING HISTORY: ILLICIT TRADE OF ARCHEOLOGICAL ARTEFACTS IN LATVIA

Kalnins, Marcis (National Heritage Board of Latvia; Faculty of History and Philosophy of University of Latvia)

14:45 PROTECTING A BROKEN WINDOW: VANDALISM AND SECURITY AT RURAL ROCK ART SITES

Berzina, Diana (Maastricht University)

15:00 DISCUSSION SLOT

15:15 KNOWLEDGE GRAPH POTENTIAL IN MONITORING THE TRANSNATIONAL TRADE IN ARCHAEOLOGICAL OBJECTS

Giovanelli, Riccardo (Ca' Foscari University of Venice; Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Traviglia, Arianna (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia)

15:30 FROM THE SPACE DOWN TO EARTH: METHODOLOGIES TO DETECT AND PREVENT ARCHAEOLOGICAL LOOTING

De Bernardin, Michela (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Traviglia, Arianna (Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia) - Giovanelli, Riccardo (Ca' Foscari University of Venice; Center for Cultural Heritage Technology - CCHT, Istituto Italiano di Tecnologia - IIT, Venezia)

15:45 DISCUSSION SLOT

16:30 MORAL PANIC AND MEDIA RESPONSIBILITY IN THE DISCOURSE OF ILLICIT ANTIQUITIES AND ARCHAEOLOGICAL LOOTING

Loges, Luise (University of Glasgow)

16:45 IN THE SHADOW OF FRANCISCAN MONASTERY. RESCUE EXCAVATION OF CHURCHYARD AT RADZIEJÓW IN KUIAVIA (POLAND)

Mosiejczyk, Jakub (Archeo-Adventure) - Angeli, Effimia (Department of History & Ethnology, Democritus University of Thrace) - Majorek, Magdalena (Institute of Archaeology, University of Lodz)

17:00 DISCUSSION SLOT

POSTERS

A. THE ARCHAEOLOGICAL RESEARCH ON THE CONSERVATION PROJECT OF A GOTHIC CHURCH AT BLANKI IN WARMIA (POLAND)

Mosiejczyk, Jakub (Archeo-Adventure) - Angeli, Effimia (Department of History & Ethnology, Democritus University of Thrace)

243 COMING BACK TO LIFE: REUSE OF MEDIEVAL BUILDINGS**Time:** Friday 2 Sept, 14:00 - 18:00**Format:** Regular session**Organisers:** Berryman, Duncan (Centre for Community Archaeology, Queen's University Belfast) - Bouwmeester, Jeroen (Cultural Heritage Agency, Netherlands) - Patrick-Dawson, Laura (School of Natural and Built Environment, Queen's University Belfast) - Huggon, Martin (Bishop Grosseteste University) - Kerr, Sarah (School of Culture and Society, Aarhus University)**PAPERS**

- 14:00 PROFANE INTERLUDES – EARLY AND LATE MODERN REUSE OF MEDIEVAL CHURCHES IN WESTERN SWEDEN**
Gullbrandsson, Robin (Västergötland's Museum, Skara; Department of Conservation, University of Gothenburg)
- 14:15 AWAY FROM GOD, BACK TO LIFE: A NEW CHANCE FOR MEDIEVAL CHURCHES**
Cechura, Martin (Museum of West Bohemia, Pilsen)
- 14:30 MEDIEVAL IRISH ROUND TOWERS: EXPLORING LIFESPAN, MAINTENANCE AND ADAPTATION THROUGH RADIOCARBON DATING OF LIME MORTARS**
Barrett, Gerard - Allen, Kerry - Reimer, Paula (Queen's University Belfast)
- 14:45 DISCUSSION SLOT**
- 15:00 REUSE AS RESILIENCE: THE CASE OF THE FOUR MANOR HOUSES**
Kerr, Sarah (Aarhus University)
- 15:15 THE MEDIEVAL AFTERLIFE OF A LONDON OPEN-HALL HOUSE**
French, Katherine (University of Michigan-Dept. of History)
- 15:30 TO REBUILD OR TO REPAIR: EXTENDING THE LIFE OF AGRICULTURAL BUILDINGS IN MEDIEVAL ENGLAND**
Berryman, Duncan (Centre for Community Archaeology, Queen's University Belfast)
- 15:45 DISCUSSION SLOT**
- 16:30 ADAPT, CONVERT, REUSE, RECYCLE – CASE STUDY MEDIEVAL MARIBOR**
Jancar, Mojca (Terarhis)
- 16:45 THE OLD COURT PALACE: FROM A MEDIEVAL STRONGHOLD TO A MODERN OPEN-AIR MUSEUM IN THE BUCHAREST CENTRE**
Ignat, Theodor Aurelian - Cleșiu, Sorin - Opreș, Vasile (Bucharest Municipality Museum) - Simion, Corina (Horia Hulubei National Institute for R&D in Physics and Nuclear Engineering) - Pîrvulescu, Dan - Majuru, Adrian (Bucharest Municipality Museum)
- 17:00 DISCUSSION SLOT**

248 NEW APPROACHES TO LITHIC RAW MATERIAL STUDIES: INFERRING PAST HUMAN MOBILITY [PAM]

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Sanchez de la Torre, Marta (SERP-IAUB, Universitat de Barcelona) - Eramo, Giacomo (Earth and Geoenvironmental Sciences Department, University of Bari Aldo Moro) - Fioretti, Giovanna (Earth and Geoenvironmental Sciences Department, University of Bari Aldo Moro) - Abrunhosa, Ana (ICArEHB, University of Algarve) - Pereira, Telmo (Universidade Autónoma de Lisboa)

PAPERS

8:30 INTRODUCTION

8:45 FLINT PROCUREMENT IN THE WESTERN COAST OF IBERIA: INFERRING NEANDERTHAL MOBILITY AT GRUTA NOVA DA COLUMBEIRA

Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Abrunhosa, Ana (CENIEH - Centro Nacional de Investigación sobre la Evolución Humana; ICArEHB - FCHS, University of Algarve) - Carvalho, Milena (Department of Anthropology, University of New Mexico; ICArEHB - FCHS, University of Algarve) - Haws, Jonathan (Department of Anthropology, University of Louisville; ICArEHB - FCHS, University of Algarve) - Benedetti, Michael (Department of Earth and Ocean Sciences, University of North Carolina Wilmington; ICArEHB - FCHS, University of Algarve)

9:00 QUARTZITE CHARACTERIZATION AND PROVENANCE ANALYSIS PROTOCOL: A CASE STUDY OF LITHIC RAW MATERIALS AVAILABLE IN THE CÔA VALLEY (NORTHEAST PORTUGAL)

Abrunhosa, Ana (CENIEH - Centro Nacional de Investigación sobre la Evolución Humana; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour. FCHS - Universidade do Algarve. Campus de Gambelas) - Dimuccio, Luca (University of Coimbra, Centre of Studies in Geography and Spatial Planning - CEGOT, Department of Geography and Tourism; UNIARQ - Centro de Arqueologia Universidade de Lisboa, Faculdade de Letras, Alameda da Universidade) - Aubry, Thierry (Côa Parque, Fundação para a Salvaguarda e Valorização do Vale do Côa; UNIARQ - Centro de Arqueologia Universidade de Lisboa, Faculdade de Letras, Alameda da Universidade) - Ribeiro, Maria (Department of Geosciences, Environment and Spatial Planning, Faculty of Sciences, University of Porto; ICT - Institute of Earth Sciences - Porto pole)

9:15 THE USE OF SCHIST OUTCROPS FOR SYMBOLIC PURPOSES: THE EXAMPLE OF OCREZA

Danelatos, Dionysios - Garcês, Sara (Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; Instituto Terra e Memória) - Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa)

9:30 A COMBINED PETROARCHAEOLOGICAL AND TECHNOLOGICAL APPROACH TO A NEANDERTHAL FLINT ASSEMBLAGE FROM STRATIGRAPHIC UNIT VIII OF EL SALT (EASTERN IBERIA)

Mayor, Alejandro (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia, Història Antiga, Filologia Llatina i Filologia Grega; Facultat de Filosofia i Lletres, Universitat d'Alacant) - Sossa-Ríos, Santiago (Àrea de Prehistòria; Departament de Prehistòria, Arqueologia i Història Antiga; Facultat de Geografia i Història, Universitat de València) - Galván, Bertila (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna) - Mallol, Carolina (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Hernández, Cristo (Àrea de Prehistoria; Departamento de Geografía e Historia; Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers Laboratory; Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)

9:45 NEW DATA ON CHERT CATCHMENT ANALYSIS IN INLAND IBERIA DURING THE LATE PLEISTOCENE: RESULTS ON GEO-ARCHAEOLOGICAL SURVEYS AND PETROGRAPHIC CHARACTERISATIONS

Sanchez de la Torre, Marta - Mangado Llach, Xavier (SERP-IAUB, Universitat de Barcelona) - Castillo Jiménez, Samuel - Alcolea González, José Javier - Alcaraz Castaño, Manuel (Àrea de Prehistoria, Universidad de Alcalá)

- 10:00 DISCUSSION SLOT**
- 11:00 PATTERNS ON LITHIC PROCUREMENT STRATEGIES IN THE PRE-PYRENEAN MAGDALENIAN SEQUENCE OF COVA DEL PARCO (ALÒS DE BALAGUER, SPAIN)**
Jiménez Ruiz, Luis (Primeros Pobladores y Patrimonio Arqueológico-IPH. Universidad de Zaragoza) - Sánchez de la Torre, Marta (SERP-IAUB. Universitat de Barcelona) - Langlais, Mathieu (UMR 5199 PACEA CNRS Université de Bordeaux; SERP-IAUB. Universitat de Barcelona) - Fullola, Josep - Mangado, Xavier (SERP-IAUB. Universitat de Barcelona)
- 11:15 CIRCULATION OF STONE ARTIFACTS IN THE SOUTH OF THE IBERIAN PENINSULA DURING THE CHALCOLITHIC PERIOD (IV-III MILLENNIA BC)**
Lagarde, Bruno (Institute of Archaeology - University College London)
- 11:30 THE UNIQUE LAUREL-LEAF POINTS OF VOLGU DOCUMENT LONG-DISTANCE TRANSPORT OF RAW MATERIALS IN THE SOLUTREAN**
Koch, Tabea (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Université Côte d'Azur, CNRS, CEPAM, Nice; University of York, Department of Archaeology) - Schmidt, Patrick (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Applied Mineralogy, Department of Geosciences, Eberhard Karls University of Tübingen)
- 11:45 INTEGRATING TRACEOLOGY IN THE RECONSTRUCTION OF LITHIC RAW MATERIALS MANAGEMENT STRATEGIES: CASE STUDIES FROM THE NORTH-EASTERN ITALIAN PALAEO-MESOLITHIC**
Visentin, Davide (Institución Milá y Fontanals, IMF-CSIC, Barcelona; Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Bertola, Stefano - Cecchetti, Marzio (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara) - Clemente Conte, Ignacio (Institución Milá y Fontanals, IMF-CSIC, Barcelona) - Fontana, Federica (Dipartimento di Studi Umanistici, Università degli Studi di Ferrara)
- 12:00 LOCAL AND ALLOCHTHONOUS CHERT SUPPLIES IN EARLY AND MIDDLE NEOLITHIC TRASANELLO VILLAGE (BASILICATA, SOUTHERN ITALY)**
Muntoni, Italo (Soprintendenza ABAP BAT-FG, Ministry of Culture) - Eramo, Giacomo - Allegretta, Ignazio - Delluniversità, Emanuela (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Conforti, Jacopo (Università di Pisa) - Terzano, Roberto (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro")
- 12:15 MICROPETROGRAPHY AND GEOCHEMISTRY OF PREHISTORIC RAW MATERIALS IN BULGARIA: CHALLENGE AND QUERY**
Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Stefanova, Elitsa - Andreeva, Polina (Geological Institute, Bulgarian Academy of Sciences) - Kecheva, Nadezhda (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. THE LITHOTHEQUE ROLE IN THE LITHIC RAW MATERIALS STUDIES. THE CASE OF THE ITALIAN SILIBA**
Fioretti, Giovanna (Earth and Geoenvironmental Sciences Department, University of Bari) - Muntoni, Italo Maria (Soprintendenza Archeologia, Belle Arti e Paesaggio per le Province di Barletta - Andria - Trani e Foggia, Ministero della Cultura) - Monno, Alessandro - Eramo, Giacomo (Earth and Geoenvironmental Sciences Department, University of Bari)
- B. FROM LITHIC ASSEMBLAGES TO RAW MATERIAL SOURCES A NEW PROJECT OF CHARACTERIZATION OF CHERT SOURCES IN SABINA (CENTRAL ITALY)**
Conati Barbaro, Cecilia - Carletti, Elena (Department of Classics - Sapienza University) - Forti, Luca (Department of Earth Sciences "Ardito Desio" - University of Milan) - Ranieri, Cristiano (Archaeological Museum of Salisano) - Moscone, Daniele (Anamed Fellowship - Koç University Istanbul) - Eramo, Giacomo (Department of Earth and Geo-environmental Sciences, University of Bari Aldo Moro)

- C. LITHOLOGICAL SELECTION IN POLYGENIC GRAVELS OF NOTARCHIRICO (EARLY ACHEULEAN, SOUTHERN ITALY)**
 Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Allegretta, Ignazio (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro") - Fioretti, Giovanna (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Terzano, Roberto (Dipartimento di Scienze del Suolo, della Pianta e degli Alimenti, Università degli Studi di Bari "Aldo Moro") - Moncel, Marie-Hélène (UMR 7194 HNHP - MNHN-CNRS-UPVD, Département Homme et Environnement, Muséum National d'Histoire Naturelle, Paris)
- D. THE CONTRIBUTION OF ARCHAEOOMETRY TO RECONSTRUCT HUMAN MOBILITY DURING THE PALAEOOLITHIC OF PORTOSELVAGGIO (NARDÒ-LE)**
 Eramo, Giacomo (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Massafra, Dario (Museo della Preistoria di Nardò) - Stasolla, Vincenzo (ETHRA srl. I beni culturali al servizio del turismo e dell'ambiente; Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Monno, Alessandro - Tempesta, Giocchino - Allegretta, Ignazio - Fioretti, Giovanna (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari "Aldo Moro") - Kitagawa, Keiko (Museo della Preistoria di Nardò; Institute of Prehistory, Early History and Medieval Archaeology, University of Tübingen) - Strafella, Silvia (Museo della Preistoria di Nardò) - Ranaldo, Filomena (Museo della Preistoria di Nardò; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, Università di Siena)
- E. MULTI PROVENANCE FROM OBSIDIAN SOURCES IN MEDITERRANEAN AREA: HIGHLIGHTS FROM WD-XRF AND SEM-EDS CHARACTERIZATION OF NEOLITHIC ARTEFACTS FROM SOUTHERN ITALY**
 Muntoni, Italo (Soprintendenza ABAP BAT-FG, Ministry of Culture) - Micheletti, Francesca - Pallara, Mauro (Dipartimento di Scienze della Terra e Geoambientali - Università degli Studi di Bari 'Aldo Moro') - Acquafredda, Pasquale (Dipartimento di Scienze della Terra e Geoambientali - Università degli Studi di Bari 'Aldo Moro'; Centro Interdipartimentale "Laboratorio di Ricerca per la Diagnostica dei Beni Culturali")
- F. WD-XRF/SEM-EDS AND LITHIC TECHNOLOGICAL ANALYSES TO ADDRESS THE STUDY OF OBSIDIAN PREHISTORIC NETWORKS IN THE NORTHERN IRAQ**
 Moscone, Daniele (Research Center for Anatolian Civilizations, Koç University) - Pallara, Mauro (Department of Earth and Geo-environmental Sciences, Bari University) - Oselini, Valentina (Department of Civil, Environmental and Materials Engineering, Bologna University) - Vacca, Agnese - Peyronel, Luca (Department of Literary Studies, Philology and Linguistics, Milan University) - Acquafredda, Pasquale (Department of Earth and Geo-environmental Sciences, Bari University)
- G. RECONSTRUCTING HUMAN MOBILITY AND SOCIAL INTERACTIONS. NEW OBSIDIAN CHARACTERISATION DATA USING SEM-EDS AND WD-XRF ANALYSES FROM NORTHERN KURDISTAN REGION (IRAQ)**
 Conati Barbaro, Cecilia (Department of Classics - Sapienza University) - Sconzo, Paola (IANES Department - Eberhard Karls Universität Tübingen) - Moscone, Daniele (Anamed Fellowship - Koç University) - Pallara, Mauro (Dept of Earth and Geoenvironmental Sciences - University of Bari Aldo Moro of Bari Aldo Moro) - Iamoni, Marco - Simi, Francesca (Department of History and Preservation of the Cultural Heritage - University of Udine) - Coppini, Costanza (Freie Universität Berlin) - Morandi Bonacossi, Daniele (Department of History and Preservation of the Cultural Heritage - University of Udine) - Acquafredda, Pasquale (Dept of Earth and Geoenvironmental Sciences - University of Bari Aldo Moro)

256 CURATION OR REBURIAL — CURRENT PRACTICES AND DECISION MAKING ON STORING HUMAN SKELETONS IN ARCHAEOLOGICAL AND HISTORICAL COLLECTIONS

Time: Friday 2 Sept, 14:00 - 18:00

Format: Discussion session

Organisers: Maijanen, Heli (University of Oulu) - Campanacho, Vanessa (American Museum of Natural History; Centre for Functional Ecology, University of Coimbra; Laboratory of Biological Anthropology and Human Osteology, CRIA, New University of Lisbon) - Savolainen, Jenna (University of Oulu) - Seppänen, Liisa (University of Turku)

PAPERS

14:00 INTRODUCTION

14:15 GREY AREA: ABORIGINAL AND TORRES STRAIT ISLANDER LIFE CASTS AND CASTS OF HUMAN REMAINS IN EUROPEAN COLLECTIONS

Howes, Hilary (The Australian National University)

14:30 JUST LIKE BIOBANKS? A NEW APPROACH TO HUMAN OSTEOLOGICAL COLLECTIONS

Alves-Cardoso, Francisca (LABOH/CRIA – Centro em Rede de Investigação em Antropologia, Faculdade de Ciências Sociais e Humanas, Universidade Nova de Lisboa; Cranfield University, Defence Academy of the United Kingdom) - Riso, Brígida (Instituto de Saúde Ambiental, Faculdade de Medicina, Universidade de Lisboa; Instituto Universitário de Lisboa - ISCTE-IUL, Centro de Investigação e Estudos em Sociologia, Lisboa)

14:45 ENTANGLED VIEWS: THE HISTORY, RESEARCH, AND EDUCATIONAL APPLICATIONS OF ANATOMICAL COLLECTIONS IN THE US IN THE WAKE OF ETHICAL CONCERNS

Campanacho, Vanessa (Department of Anthropology, New York University) - Alves Cardoso, Francisca (LABOH—Laboratory of Biological Anthropology and Human Osteology, CRIA—Centro em Rede de Investigação em Antropologia, Faculdade de Ciências Sociais e Humanas, Universidade NOVA de Lisboa) - de la Cova, Carlina (Department of Anthropology, University of South Carolina)

15:00 EVOLUTION OF HUMAN REMAINS PRESERVATION IN PADUA (ITALY): FROM THE 18TH CENTURY COLLECTIONS TO THE MODERN MORGAGNI MUSEUM

Magno, Giovanni (University Museums Centre CAM, University of Padua) - Zanatta, Alberto (Department of Cardiac, Thoracic, Vascular Sciences and Public Health - University of Padua)

15:15 CONSIDERING REPATRIATION? EXPERIENCES FROM THE ANATOMICAL COLLECTIONS OF KAROLINSKA INSTITUTET STOCKHOLM, 2015 TO PRESENT

Ljungström, Olof - Gustavsson, Ann (Karolinska institutet, Medical History and Heritage)

15:30 DISCUSSION SLOT

16:30 THEORY AND PRACTICE OF CURATING ARCHAEOLOGICAL HUMAN REMAINS IN POLAND

Jastrzebska, Emilia (University of Warsaw)

16:45 CURATION OF HUMAN SKELETAL REMAINS IN FINLAND – TOWARDS MORE HOLISTIC DECISION-MAKING

Savolainen, Jenna - Maijanen, Heli (University of Oulu) - Seppänen, Liisa (University of Turku)

17:00 HISTORY AT OUR HANDS - ADBOU, A DANISH RESEARCH COLLECTION

Weise, Svenja (University of Southern Denmark)

17:15 DISCUSSION SLOT

263 CRAFT SPECIALIZATION IN WORKED HARD OSSEOUS MATERIALS: CONVERSATIONS ON A COMPLEX CONCEPTUAL CATEGORY IN ARCHAEOLOGY

Time: Friday 2 Sept, 8:30 - 16:00

Format: Discussion session

Organisers: Luciañez Triviño, Miriam (University of the Basque Country - UPV/EHU) - Provenzano, Noëlle (CNRS, Université Paul Valéry-Montpellier III) - Choyke, Alice (Central European University)

PAPERS

- 8:30 INTRODUCTION**
- 8:40 MOTIVATIONS FOR TECHNOLOGICAL INVESTMENT, OR BEING EVASIVE ABOUT CRAFT SPECIALISATION**
Christidou, Rozalia (UMR 5133, CNRS/Univ. Lyon 2)
- 9:00 SPECIALISATION IN THE BRONZE AGE? REFLECTIONS ON THE OSSEOUS PRODUCTIONS OF THE NORTH ITALIAN TERRAMARES.**
Provenzano, Noelle (CNRS)
- 9:20 DISCUSSION SLOT**
- 9:40 CHALCOLITHIC IVORY CRAFTSMANSHIP IN THE IBERIAN PENINSULA. SPECIALISED CRAFTS(WO)MEN AND SPECIAL(ISED) CONSUMERS?**
Luciañez Triviño, Miriam (University of the Basque Country UPV-EHU; University of Seville)
- 10:00 DECORATE, FIT AND COMBINE. INLAYS AND FACING IN THE HARD ANIMAL MATERIAL INDUSTRY OF THE IRON AGE. SPECIALIZED CRAFT TECHNIQUES**
Blasco Martín, Marta (ICAC. Juan de la Cierva-Formación) - Soria Combadiera, Lucía (Univ. de Castilla-La Mancha. Dpto. de Historia, Área de Prehistoria. ARQPAT - Arqueología y Patrimonio) - Mata Parreño, Consuelo (Universitat de València. Dpto. de Prehistòria, Arqueologia i Història Antiga. GIUV2015-222 GRAM)
- 11:00 COMPARING PRACTICES OF WORKED ANIMAL OBJECT PRODUCTION AT ANCIENT METHONE**
DiBattista, Adam (Institute for the Study of the Ancient World, NYU)
- 11:20 DISCUSSION SLOT**
- 11:40 EVIDENCES OF CRAFT SPECIALISATION DURING THE HUNGARIAN LATE NEOLITHIC: AN OVERVIEW**
Tóth, Zsuzsanna (Hungarian National Museum, Department of Archaeology)
- 12:00 A ROMAN BONE-PROCESSING HOUSE IN AQUAE GRANNI (AACHEN, GERMANY)**
Nolde, Nadine (Institute for Prehistory, University of Cologne) - Schaub, Andreas (Stadtarchäologie Aachen) - Deschler-Erb, Sabine (IPNA, University Basel) - Deschler-Erb, Eckhard (Archaeological Institute, University of Cologne)
- 12:20 CRAFT SPECIALIZATION IN WORKED ANTLER AND BONE IN URBAN RIBE AS SEEN IN WORKSHOPS FROM DIFFERENT AREAS BETWEEN 700-1300 AD**
Qvistgaard, Sarah (Sydvestjyske Museer) - Sindbæk, Søren (AU)
- 12:40 DISCUSSION SLOT**
- 14:00 GATHERED, EXCHANGED AND VALUED? IDENTIFYING SEMI-SPECIALIZED ANTLER WORKING IN MIDDLE BRONZE AGE HUNGARY**
Choyke, Alice (Central European University)
- 14:20 CRAFTS ON THE EASTERN SHORE OF THE BALTIC IN THE LATE BRONZE AGE: SPECIALISED SITES, SPECIALISED CRAFTSMEN?**
Luik, Heidi (Tallinn University)
- 14:40 CRAFT SPECIALISATION AND HOME-BASED PRODUCTION IN BONE AND ANTLER PROCESSING FROM THE EARLY MEDIEVAL CATHEDRAL ISLAND IN WROCŁAW, POLAND**
Baron, Justyna - Diakowski, Marcin - Jaworski, Krzysztof - Pankiewicz, Aleksandra (University of Wrocław)
- 15:00 CRAFT SPECIALIZATION IN MEDIEVAL BUDA**
Font, Ágnes (Central European University)
- 15:20 DISCUSSION SLOT**

267 TOWARDS THE SEA: HUMAN ECOLOGY, SUBSISTENCE AND ADAPTATIONS ALONG THE EUROPEAN COASTS FROM THE LOWER PALAEOLITHIC TO THE NEOLITHIC [PAM]

Time: Friday 2 Sept, 8:30 - 15:30

Format: Regular session

Organisers: García-Escárcaga, Asier (Department of Human Science, University of La Rioja, Logroño; Department of Archaeology, Max Planck Institute for the Human Science, Jena) - Simões, Carlos (ICArEBH - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve) - Monteiro, Patricia (ICArEBH - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve.; Direção-Geral do Património Cultural - DGPC – Laboratório de Arqueociências - LARC) - Dias, Rita (ICArEBH - Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, University of Algarve, Faro, Portugal.; ERA Arqueologia S.A.) - Sierra Sainz-Aja, Alejandro (AASPE Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements, Muséum National d'Histoire Naturelle, Dept. Homme et Environnement, Paris)

PAPERS

- 8:30 FIREWOOD EXPLOITATION DURING THE EARLY HOLOCENE IN ABRIGO DO POÇO ROCKSHELTER (LEIRIA, CENTRAL PORTUGAL)**
 Monteiro, Patricia (Laboratório de Arqueociências - LARC - Direção-Geral do Património Cultural; ICArEBH – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour – Universidad do Algarve) - Nora, David (Institute of Archaeology – Hebrew University of Jerusalem; ICArEBH – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour – Universidad do Algarve) - Paixão, Eduardo (TraCÉR – Laboratory for Traceology and Controlled Experiments, MONREPOS – Archaeological Research Centre and Museum for Human Behavioural Evolution, RGZM; ICArEBH – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour – Universidad do Algarve) - Évora, Marina (Centro de Estudos Globais - Departamento de Ciências Sociais e de Gestão – Universidade Aberta; ICArEBH – Interdisciplinary Center for Archaeology and Evolution of Human Behaviour – Universidad do Algarve) - Carvalho, Vânia (Museu de Leiria, Câmara Municipal de Leiria) - Holliday, Trenton (Tullane University, New Orleans, USA; Centre for the Exploration of the Deep Human Journey – University of Witwatersrand) - Pereira, Telmo (Departamento de Artes, História e Humanidades – Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar, Portugal; Centro de Geociências da Universidade de Coimbra; UNiarq – Centro de Arqueologia da Universidade de Lisboa)
- 8:45 SEASONALITY AND SUBSISTENCE OF THE LAST MESOLITHIC HUNTER-GATHERERS – THE ICHTHYOLOGICAL REMAINS OF THE CABEÇO DA AMOREIRA SHELLMIDDEN (MUGE, PORTUGAL)**
 Dias, Rita (Era - Arqueologia, Conservação e Restauro; ICArEBH - Interdisciplinary Center for Archeology and Evolution of Human Behavior) - Bicho, Nuno (ICArEBH - Interdisciplinary Center for Archeology and Evolution of Human Behavior) - Detry, Cleia (Uniarq/FLUL)
- 9:00 INFLUENCE OF EARLY HOLOCENE KARSTIC SPRING REACTIVATION ON HUNTER-GATHERERS' SETTLEMENT STRATEGIES AND SHELL MIDDEN FORMATION IN ASTURIAS, SPAIN**
 Simões, Carlos (ICArEBH, Universidade do Algarve) - Iriarte, Eneko (Universidad de Burgos) - Arias, Pablo (Universidad de Cantabria)
- 9:15 DISCUSSION SLOT**
- 9:30 SEASONALITY OF SHELLFISH COLLECTION IN THE CANTABRIAN MESOLITHIC DEDUCED FROM STABLE OXYGEN ISOTOPE RATIOS**
 Arniz Mateos, Rosa (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - García Escárcaga, Asier (Universidad de la Rioja, Departamento de Ciencias Humanas, Logroño; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena) - González Morales, Manuel R. (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Gutiérrez Zugasti, Igor (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander)

- 9:45 STRATEGIES FOR THE COLLECTION OF MARINE MOLLUSCS BETWEEN 12,000-5,000 CAL BC IN NERJA-MINA (MÁLAGA).**
Aguirre, Amaia - Colonese, Andre Carlo (University Autonomous of Barcelona) - Jordá, Jesus (National University of Distance Education) - Aura, Emili (University of Valencia) - Valledor de Lozoya, Arturo (Expert) - Saña, Maria (University Autonomous of Barcelona) - Álvarez-Fernández, Esteban (University of Salamanca)
- 10:00 STABLE OXYGEN ISOTOPE APPROACHES TO STUDYING SHELLFISH EXPLOITATION AND ECONOMIC CHANGE ACROSS THE MESOLITHIC-NEOLITHIC TRANSITION IN N IBERIA**
García-Escárcaga, Asier (Department of Human Sciences, University of La Rioja, Logroño; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Fano, Miguel (Department of Human Sciences, University of La Rioja, Logroño) - Ontañon-Peredo, Roberto (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander; Museo de Prehistoria y Arqueología de Cantabria - MUPAC) - Gutiérrez-Zugasti, Igor - Gonzalez-Morales, Manuel (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria, Gobierno de Cantabria, Grupo Santander) - Ilgner, Jana - Lucas, Mary (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Roberts, Patrick (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Social Sciences, University of Queensland)
- 10:15 DISCUSSION SLOT**
- 11:00 BETWEEN COAST AND INLAND: POTTERY USE IN THE ERTEBOELLE-CULTURE AND ITS IMPACT ON SETTLEMENT PATTERNS, RESOURCE EXPLOITATION AND SOCIAL COMPLEXITY**
Meyer, Ann-Katrin (University of Hamburg)
- 11:15 ARCHAEOZOOLOGICAL APPROACHES TO MAMMAL HUNTING AND ECONOMIC CHANGE ACROSS THE MESOLITHIC-NEOLITHIC TRANSITION ON THE CANTABRIAN COAST (N IBERIA)**
Sierra, Alejandro (AASPE «Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements» UMR 7209 CNRS MNHN) - Fano, Miguel Ángel (Department of Human Sciences, University of La Rioja, Logroño)
- 11:30 THE MESOLITHIC-NEOLITHIC TRANSITION IN THE MUGE SHELLMIDDENS (CENTRAL PORTUGAL): PRELIMINARY RESULTS**
Gonçalves, Célia - Cascalheira, João - Barbieri, Alvise (ICArEHB, Universidade do Algarve) - García Rivero, Daniel (Universidad de Sevilla) - Umbelino, Cláudia (CIAS, Universidade de Coimbra; ICArEHB, Universidade do Algarve) - Godinho, Ricardo - Bicho, Nuno (ICArEHB, Universidade do Algarve)
- 11:45 DISCUSSION SLOT**
- 12:00 POPULATING THE COAST. THE RESILIENCE OF THE FIRST NEOLITHIC GROUPS IN THE IBERIAN PENINSULA**
Cortell-Nicolau, Alfredo (University of Cambridge)
- 12:15 MARINE AND TERRESTRIAL INVERTEBRATES AT ZACATÍN ROCKSHELTER (GRANADA, SOUTHEASTERN SPAIN): FIRST RESULTS**
Aguirre, Amaia (University Autonomous of Barcelona) - Álvarez-Fernández, Esteban (University of Salamanca) - Aparicio-Alonso, María Teresa (National Museum of Natural Sciences of Madrid) - Gutiérrez-Frías, Ismael (University of Granada) - Martínez-Sánchez, Rafael (University of Cordoba)
- 12:30 THE EXPLOITATION OF MARINE RESOURCES DURING THE LATE NEOLITHIC IN THE ISLAND SETTLEMENT OF CARTAGENERAS (SAN FERNANDO, CÁDIZ, SPAIN)**
Vijande, Eduardo - Corona Borrego, José (Universidad de Cádiz) - Sánchez Aragón, María (Freelance archaeologist) - Cabrera Castro, Remedios (Universidad de Cádiz) - Carmona Gil, María (Freelance archaeologist) - Becerra Martín, Serafín - Cantillo Duarte, Juan - Ramos Muñoz, José (Universidad de Cádiz)
- 12:45 DISCUSSION SLOT**
- 14:00 THE DAR ES SOLTAN I CAVE IN IT'S GEOMORPHOLOGICAL AND PALEOECOLOGICAL CONTEXT**
Shaymae, Iken (UDC University) - Bouzouggar, Abdeljalil (INSAP) - Grandal D'Anglade, Aurora María (UDC university)
- 14:15 WHERE CITIZEN SCIENCE AND ARCHAEOLOGICAL SCIENCE MEET: AN INTERDISCIPLINARY APPROACH TO COASTAL SHELL MIDDENS IN COUNTY SLIGO (NW IRELAND)**
Connolly, Rory (School of Archaeology, University College Dublin)
- 14:30 PRESENTATION OF THE SURVEY PROTOCOL FOR THE COASTLINE PROJECT (COASTAL ANCIENT SICILY' LINE)**
Forgia, Vincenza (Dipartimento Culture e Società, Università di Palermo, viale delle Scienze) - Antonioli, Fabrizio (CNR-IGAG, Roma)
- 14:45 DISCUSSION SLOT**

271 THE SOCIAL ROLE OF POTTERY AND POTTERS IN NEOLITHIC AND COPPER AGE SOCIETIES OF THE BALKANS AND CENTRAL EUROPE

Time: Friday 2 Sept, 8:30 - 17:30

Format: Regular session

Organisers: Marton, Tibor - Jakucs, János (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology) - Spataro, Michela (Department of Scientific Research, The British Museum) - Gomart, Louise (French National Centre for Scientific Research) - Kreiter, Attila (Hungarian National Museum Laboratory of Applied Natural Sciences)

PAPERS

- 8:30 SCIENTIFIC APPROACHES TO THE ANALYSIS AND UNDERSTANDING OF PREHISTORIC POTTERY: OPPORTUNITIES AND LIMITATIONS**
Spataro, Michela (British Museum)
- 8:45 BLACK IS ALWAYS IN FASHION: EARLY PRODUCTION OF DARK BURNISHED WARE IN THE NEOLITHIC OF UPPER THRACE**
Tsurev, Atanas (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)
- 9:00 CHANGES IN THE TECHNOLOGICAL PROCESS OF POTTERY PRODUCTION. THE CASE OF STARČEVO-CRIȘ POTTERY FROM OARDA-LIMBA DE JOS (ROMANIA)**
Tudorie, Anamaria - Ciută, Marius (Lucian Blaga University of Sibiu)
- 9:15 A STARČEVO POTTING KOINE: INVESTIGATING POTTING CHOICES AND PRACTICES AT SVINJARIČKA ČUKA.**
Burke, Clare (Austrian Archaeological Institute)
- 9:30 POTTERY PRODUCTION AT VIROVITICA-BREKINJA AND THE DYNAMICS OF TRANSFORMATIONS IN THE 6TH MILLENNIUM CAL BC DRAVA REGION**
Botić, Katarina (Institute of Archaeology, Zagreb) - Oross, Krisztián (Institute of Archaeology, Research Centre for the Humanities, ELRN, Budapest) - Balen, Jacqueline (Archaeological Museum in Zagreb, Zagreb)
- 9:45 DISCUSSION SLOT**
- 10:00 TRANSFORMING TRADITIONS: AN INTEGRATED MULTIDISCIPLINARY RESEARCH PROJECT ON POTTERY PRACTICES OF 6TH MILLENNIUM CAL BC EASTERN TRANS-DANUBIA**
Marton, Tibor (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Kreiter, Attila (Hungarian National Museum, Laboratory of Applied Natural Sciences) - Oross, Krisztián (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Gomart, Louise (Centre National de la Recherche Scientifique) - M. Virág, Zsuzsanna (Budapest History Museum) - Füzesi, András (Hungarian National Museum) - Pető, Ákos (Szent István University, Department of Nature Conservation & Landscape Ecology) - Gortva, Gergely (Hungarian National Museum) - Gucsi, László - Jakucs, János (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 10:15 (DON'T) LET IT FADE: PERSISTENT TRADITION AND CHANGING STRATEGIES OF CERAMIC PRODUCTION AMONG THE POST-STARČEVO COMMUNITIES IN SOUTH-EASTERN TRANS-DANUBIA**
Jakucs, Janos - Marton, Tibor - Oross, Krisztián (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Kreiter, Attila (Hungarian National Museum, Laboratory for Applied Research)
- 11:00 ANALYZING POTTERY USE-ALTERATION TRACES ON 6TH MILLENNIUM CAL BC CERAMIC ASSEMBLAGES FROM SOUTH-EASTERN TRANS-DANUBIA**
Gucsi, László - Jakucs, János - Marton, Tibor (Institute of Archeology, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 11:15 TRACING THE PROVENANCE OF THE EARLIEST POTTERY WITH SR AND ND ISOTOPES**
Tóth, Peter (Masaryk University) - Pokutta, Dalia (Masaryk University; University of Stockholm) - Zack, Thomas (University of Gothenburg) - Belka, Zdzislaw (Adam Mickiewicz University) - Petřík, Jan (Masaryk University) - Bickle, Penny (University of York) - Slavíček, Karel - Adameková, Katarína - Petr, Libor (Masaryk University)
- 11:30 DISCUSSION SLOT**

- 11:45 RICH OR POOR? THOUGHTS AND ANALYSES ON THE SOCIAL ROLE OF POTTERS IN NEOLITHIC AND CHALCOLITHIC SOCIETIES OF SOUTH-EASTERN EUROPE**
Hofmann, Robert (Kiel University; CRC 1266: "Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies")
- 12:00 CREATING TRADITIONS: THE EARLY TISZA POTTERY STYLE AND PRACTICE IN ÖCSÖD-KOVÁSHALOM (5200-4800 BC, EAST-HUNGARY)**
Füzesi, András (Hungarian National Museum / Magyar Nemzeti Múzeum) - Bajnok, Katalin (Eötvös Loránd Research Network, Centre for Energy Research) - Raczky, Pál (Eötvös Loránd University, Institute of Archaeological Sciences)
- 12:15 COMPLEX VESSELS IN SIMPLE HUTS: THE FOUR-LEGGED VESSELS FROM NEOLITHIC DISPILIO, NORTH GREECE**
Voulgari, Evangelia (Laboratory Teaching Staff, School of History and Archaeology, Aristotle University of Thessaloniki) - Sofronidou, Marina (Ephorate of Antiquities of Drama) - Kotsakis, Kostas (Professor Emeritus of Prehistoric Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)
- 12:30 THE RISE AND FALL OF THE GROG-TEMPERED POTTERY IN THE SOUTHERN ROMANIA DURING THE CHALCOLITHIC PERIOD (5TH MILLENNIUM BCE)**
Opris, Vasile (Bucharest Municipality Museum)
- 12:45 DISCUSSION SLOT**
- 14:00 TALES OF TECHNOLOGY: AN ARCHAEOMETRIC CHARACTERIZATION OF ENEOLITHIC POTTERY FROM THE EPONYMUS ARCHAEOLOGICAL SITE "GUMELNIȚA"**
Manea, Bogdan (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB) - Opris, Vasile (Bucharest Municipality Museum) - Dimache, Mădălina (Gumelnița Civilization Museum, Oltenița, Călărași County) - Mirea, Dragoș - Ignat, Theodor (Bucharest Municipality Museum) - Dimofte, Daniela - Roban, Relu (Faculty of Geology and Geophysics, Department of Mineralogy, University of Bucharest) - Lazăr, Cătălin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB)
- 14:15 CHALCOLITHIC POTTERY AND PIGMENTS: TECHNOLOGIES, TRADITIONS AND EXCHANGES. CASE STUDY: CUCUTENI POTTERY, EASTERN ROMANIA**
Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași)
- 14:30 UNDERLYING PATTERNS: CERAMIC TECHNICAL TRADITIONS IN THE EARLY AND MIDDLE COPPER AGE ON THE GREAT HUNGARIAN PLAIN**
Solnay, Eszter (Eötvös Loránd University; Université Paris 1 Panthéon-Sorbonne; CNRS - UMR 8215 Trajectoires)
- 14:45 A STATISTICS-BASED APPROACH TO THE FUNCTIONAL RECONSTRUCTION OF MIDDLE COPPER AGE VESSELS IN EASTERN HUNGARY**
Hegedus, Zsuzsa (Eötvös Loránd University, Institute of Archaeological Sciences)
- 15:00 DISCUSSION SLOT**
- 15:15 DOMESTIC POTTERY AS A PART OF THE EVERYDAY ACTIVITY: EVALUATING SOME LATE COPPER AGE SETTLEMENTS**
Fábián, Szilvia - Berente, Zoltán - Klinga, Flóra (Hungarian National Museum) - Marton, Tibor (Institute of Archaeology, Research Centre for the Humanities of Eötvös Loránd Research Network)
- 15:30 LATE COPPER AGE POTTERY FROM SOUTH-EASTERN ALPINE REGION: A MULTIDISCIPLINARY ARCHEOMETRICAL APPROACH IN THE STUDY OF LJUBLJANA CULTURE**
Leghissa, Elena (ZRC SAZU, Institute of Archaeology) - Bernardini, Federico (University Ca'Foscari Venezia; Multidisciplinary Laboratory, The "Abdus Salam" International Centre for Theoretical Physics) - Montagnari Kokelj, Manuela (Department of Humanities, University of Trieste) - De Min, Angelo (Department of Mathematics and Geosciences, University of Trieste) - Velicogna, Matteo (Department of Land, Environment, Agriculture and Forestry, University of Padova)
- 15:45 IN SEARCH OF LOST SYMBOLISM. NEW DIRECTIONS IN THE INTERPRETATION OF PREHISTORIC ANTHROPOMORPHIC VESSELS**
Turcanu, Senica ("Moldova" National Museum Complex of Iasi)
- 16:30 DISCUSSION SLOT**

273 FAIRLY FRONT-LOADING THE ARCHIVE: MOVING BEYOND FINDABLE, ACCESSIBLE AND INTEROPERABLE TO REUSE OF ARCHAEOLOGICAL DATA

Time: Friday 2 Sept, 8:30 - 18:30

Format: Regular session

Organisers: Aspoeck, Edeltraud (Austrian Centre for Digital Humanities and Cultural Heritage, Austrian Academy of Sciences) - May, Keith (Historic England) - Wright, Holly (Archaeology Data Service, Department of Archaeology, University of York)

PAPERS

8:30 INTRODUCTION

8:45 THE URGENT NEED FOR CONSENSUS FOR FAIRY ROCK ART DATA

Botica, Natalia (Lab2PT; Unidade de Arqueologia da Universidade do Minho) - Luís, Luís (Fundação Cøa Parque) - Silva2, José (Lab2PT; Fundação para a Ciência e Tecnologia)

9:00 WHITHER GIS? – SOME CHALLENGES OF USING AND REUSING SPATIAL DATA FROM ARCHAEOLOGICAL FIELDWORK

McKeague, Peter (Historic Environment Scotland)

9:15 PEPADB: PUTTING THE FAIR PRINCIPLES INTO PRACTICE

Garcia, Galo - Garrido-Cordero, José Angel (Department of Prehistory and Archaeology - Universidad de Sevilla) - Odriozola, Carlos P. (Department of Prehistory and Archaeology - Universidad de Sevilla; UNIRARQ - University of Lisbon)

9:30 FAIRLY DATA, FURTHER KNOWLEDGE: THE 2ARCHIS DATABASE AND POTTERY ANALYSIS

Machado, Diego (Unidade de Arqueologia da Universidade do Minho; Laboratôrio de Paisagens, Patrimônio e Territôrio; Fundação para a Ciência e Tecnologia) - Botica, Natâlia - Fernandes, Lara - Martins, Maria Manuela - Magalhâes, Fernanda - Sousa, Rui (Unidade de Arqueologia da Universidade do Minho; Laboratôrio de Paisagens, Patrimônio e Territôrio)

9:45 MONITORING THE CONSERVATION OF OPEN-AIR MESOLITHIC SITES USING SPATIAL DATA INFRASTRUCTURES: IMPLICATIONS FOR CULTURAL HERITAGE STUDIES

Gômez-Puche, Magdalena- Fernândez-Lôpez de Pablo, Javier (Research Institute of Archaeology and Historic Heritage - INAPH. University of Alicante)

10:00 PLEASE RECYCLE: ARCHAEOLOGICAL LEGACY DATA AND REUSE IN SWEDEN

Kaiser, Jessica - Friberg, Zanna (Uppsala University)

10:15 DISCUSSION SLOT

11:00 SHARING AND REUSE OF OPEN AND FAIR DATA: INSIGHTS FROM THE ARIADNE SURVEYS

Geser, Guntram (Salzburg Research Institute)

11:15 DATA DISCOVERY AND DATA RE-USE IN ARIADNE

Richards, Julian (Archaeology Data Service, University of York)

11:30 THE ROCEEH OUT OF AFRICA DATABASE: A CASE STUDY IN REUSING ARCHAEOLOGICAL DATA SENSIBLY

Kandel, Andrew - Kanaeva, Zara - Sommer, Christian - Haidle, Miriam (Heidelberg Academy of Sciences and Humanities)

11:45 DEALING WITH DIGITALLY BORN LEGACY DATA AND LESSONS FOR THE FUTURE – PROJECT URDAR AND SWEDISH CONTRACT ARCHAEOLOGY

Larsson, Asa (Swedish National Heritage Board) - Löwenborg, Daniel (Department of Archaeology and Ancient History, Uppsala University) - Jonsson, Maria - Nordinge, Johan (Swedish National Heritage Board) - Pâlsson, G&icaron;li (3GIM-BALS) - Smith, Marcus (Swedish National Heritage Board)

- 12:00 CREATING FAIR ARCHAEOLOGICAL DATA IN NORWAY**
Uleberg, Espen (Museum of Cultural History University of Oslo) - Ore, Christian-Emil (Department of Linguistics and Scandinavian Studies, University of Oslo) - Dell'Unto, Nicolo (Museum of Cultural History, University of Oslo) - Callieri, Marco (Institute of Science and Technologies of Information - National Research Council) - Matsumoto, Mieko - Bonelli, Letizia - Kimball, Justin - Pantos, Alexis - Kristensen, Steinar - Samdal, Magne (Museum of Cultural History, University of Oslo)
- 12:15 DATA FRAGMENTATION, COMPLEXITY, AND THE CASE OF SWEDISH ARCHAEOLOGY IN THE MEDITERRANEAN. THE COMMON GROUNDS PROJECT**
Nenova, Denitsa (Norwegian Institute at Athens; Takin.solutions) - Bruseker, George (Takin.solutions) - Wallenstein, Jenny (Swedish Institute at Athens) - Hansson, Ulf (Swedish Institute in Rome) - Frejman, Axel (Uppsala University)
- 12:30 ARGENTINIAN DIGITAL ARCHAEOLOGICAL DATA GOING FAIR. OPPORTUNITIES, STRENGTHS AND CHALLENGES FOR THE REUSE OF INFORMATION AVAILABLE IN OPEN ACCESS**
Izeta, Andres - Cattáneo, Roxana (CONICET; Universidad Nacional de Córdoba)
- 12:45 DISCUSSION SLOT**
- 14:00 THE MATRIX: CONNECTING AND RE-USING DIGITAL RECORDS OF ARCHAEOLOGICAL INVESTIGATIONS**
May, Keith (Historic England; University of South Wales) - Taylor, James (University of York) - Binding, Ceri (University of South Wales)
- 14:15 IMPROVING THE REUSABILITY OF RELATIVE AND ABSOLUTE CHRONOLOGICAL INFORMATION BY AUTOMATING AND ARCHIVING THE BAYESIAN CHRONOLOGY CONSTRUCTION PROCESS**
Moody, Bryony - Buck, Caitlin (University of Sheffield) - Wright, Holly (Archaeology Data Service) - Dye, Thomas (University of Honolulu) - May, Keith (Historic England)
- 14:30 BRINGING EXCAVATION DATA TOGETHER. ARE WE THERE YET AND WHERE IS THAT?**
Nenova, Denitsa (Takin.solutions Ltd.; Norwegian Institute at Athens) - Bruseker, George (Takin.solutions Ltd.) - Derudas, Paola (Lund University) - Hiebel, Gerald (University of Innsbruck) - Hivert, Florian (Centre national de la recherche scientifique - CNRS) - Katsianis, Markos (University of Patras) - Marlet, Olivier (Centre national de la recherche scientifique - CNRS) - Opitz, Rachel (University of Glasgow, UK) - Ore, Christian-Emil (University of Oslo, Norway) - Uleberg, Espen (University of Oslo, Norway)
- 14:45 DISCUSSION SLOT**
- 15:00 REUSE OF RESEARCH DATA FOR GIS-ANALYSES. USE CASE OF BRONZE AGE MINING IN THE LOWER INN VALLEY AND PINZGAU (AUSTRIA)**
Danthine, Brigit - Hiebel, Gerald - Scherer-Windisch, Manuel (University of Innsbruck)
- 15:15 MAKING OLD DATA NEW – OBSTACLES AND OPPORTUNITIES IN THE RE-USE OF DATA FOR CONSTRUCTING A BOG BUTTER DATABASE**
O'Toole, Karen (University College Dublin)
- 15:30 WORK DIGITAL, THINK ARCHIVE, CREATE ACCESS - CREATING RESOURCES TO SUPPORT DIGITAL DATA MANAGEMENT AND ARCHIVES**
Parker Wooding, Jen (Chartered Institute for Archaeologists) - Forster, Manda (DigVentures)
- 15:45 DISCUSSION SLOT**
- 16:30 RETAINING ROOTS WHILE HARD PRUNING DATA: CONTEXT AND COLLABORATION IN DIGITISATION AND DATA MODELLING IN SOUTH ASIA**
Vafadari, Azadeh - Abdul Jabbar, Junaid - Khan, Afifa - C. Roberts, Rebecca - Campbell, Rosie - Gerrits, Petrus (McDonald Institute for Archaeological Research, University of Cambridge) - Gregorio, Jonas (Universitat Pompeu Fabra) - Suarez Moreno, Maria - Tomaney, Jack - A. Petrie, Cameron (McDonald Institute for Archaeological Research, University of Cambridge)
- 16:45 WHAT DOES USABILITY MEAN AND HOW CAN IT BE ACHIEVED? ONLINE CELTIC COINAGE (OCC) AS A CASE STUDY**
Wigg-Wolf, David - Brand, Mirko (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK) - Deligio, Chrisowalandis (Goethe-University Frankfurt, Big Data Lab) - Hofmann, Kerstin - Möller, Markus - von Nicolai, Caroline - Tietz, Julia (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts - RGK) - Tolle, Karsten (Goethe-University Frankfurt, Big Data Lab)

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17:00 A MULTIDISCIPLINARY RESEARCH PROJECT USING DIGITAL HUMANITIES FOR STUDYING ARCHAEOLOGICAL ARCHIVES: FIRST RESULTS IN PROGRESS AND OUTLOOKS

Tuffery, Christophe (INRAP - National Institute for Preventive Archaeological Research)

17:15 DISCUSSION SLOT

POSTERS

A. USING SEMANTIC MODELING TO CREATE FAIR OPEN DATA FOR ARCHAEOLOGICAL FIELD SURVEY: A SHOWCASE AND TOOLKIT (SEMAFORA)

van Leusen, Martijn (Groningen Institute of Archaeology) - Bruseker, George - Nenova, Denitsa (takin.solutions) - de Haas, Tymon (Groningen Institute of Archaeology) - Siebinga, Sjoerd (Delving.eu)

B. REUSING FIELD SURVEY DATA FOR NEW QUESTIONS: A CASE STUDY FROM THE SIBARITIDE REGION (CALABRIA, ITALY)

Parini, Martina (University of Groningen)

286 PUBLIC ARCHAEOLOGY AND SITES OF CONFLICT [PUBLIC ARCHAEOLOGY COMMUNITY]

Time: Friday 2 Sept, 8:30 - 12:30

Format: Regular session

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

PAPERS

8:30 INTRODUCTION

8:45 FINDING FAMILY AT FROMELLES: KINSHIP, PRIVATE MOURNING AND NATIONAL COMMEMORATION AT A WORLD WAR I BATTLE SITE

Renshaw, Layla (Kingston University London)

9:00 REWRITING THE STORY OF SECOND WORLD WAR IN SKANDERBORG

Host-Madsen, Lene - Paulsen, Charlotte - de Vos, Julie (Museum Skanderborg)

9:15 DISCUSSION SLOT

9:30 SOURCES OF CONFLICT: THE CASE STUDY OF THE AGITPROP SITE IN DREŽNICA, CROATIA

Iva, Stojevic (Institute of East Asian Studies, École Normale Supérieure de Lyon) - Gligora, Valerija (Valdir - obrt za istraživanje i usluge, Zagreb) - Grgurinović, Ivona (Department of Ethnology and Cultural Anthropology, Faculty of Humanities and Social Sciences, University of Zagreb) - Parežanin, Lujo (Department of Comparative Literature, Faculty of Humanities and Social Sciences, University of Zagreb) - Gomes Coelho, Rui (Department of Archaeology, Durham University; UNIARQ - Centre for Archaeology, University of Lisbon) - Horvatinčić, Sanja (Institute of Art History, Zagreb) - Teixeira Simões, Sara (UNIARQ - Center for Archaeology, University of Lisbon)

9:45 CULTURAL HERITAGE OF THE ITALIAN PARTICIPATION IN THE SPANISH CIVIL WAR: ARCHAEOLOGY, MEMORY AND RESIGNIFICATION OF A CONFLICT ARCHAEOLOGY SITE

Perez-Juez, Amalia (Boston University) - Garcia Ruiz, Jose Luis (Independent Researcher) - Rodriguez Simon, Pedro (Independent Researcher) - Torija, Alicia (Tufts University) - Aramberri, Josu (Universidad del País Vasco -UPV)

10:00 PUBLIC MEMORY AND ARCHAEOLOGY OF THE TENNESSEE CONVICT LEASE WAR, 1891-1892

Westmont, V. Camille (University of the South)

10:15 DISCUSSION SLOT

11:00 FINDING COMMON GROUND IN THE SEARCH FOR THE UNITED STATES' LOST SERVICE MEMBERS

Peixotto, Becca - Toney, Joshua - Dalton, Kevin - Freudenstein, Nicolle - Grant, William (Henry M Jackson Foundation)

11:15 CONFLICT ARCHAEOLOGY IN SCHOOLS: DISCUSSING DARK HERITAGE THROUGH MATERIAL CULTURE

Väisänen, Teemu (University of Turku)

11:30 DISCUSSION SLOT

287 MACROARCHAEOLOGY - DEFINITION, OBJECTIVES AND APPLICATIONS OF A NEW ARCHAEOLOGICAL PARADIGM

Time: Friday 2 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Schmid, Clemens (Max Planck Institute for Evolutionary Anthropology) - Matzig, David (Aarhus University)

PAPERS

- 8:30** **MACROARCHAEOLOGY: HOW CAN ARCHAEOLOGY MAKE NOVEL AND USEFUL CONTRIBUTIONS TO EVOLUTIONARY THEORY?**
Perreault, Charles (Arizona State University)
- 9:00** **DISCUSSION SLOT**
- 9:15** **CULTURAL MACROEVOLUTION**
Prentiss, Anna (University of Montana) - Walsh, Matthew (National Museum of Denmark)
- 9:30** **WOULD A DINOSAUR VET CLINIC BE A DANGEROUS PLACE? SOME THOUGHTS ON THE ONTOLOGY AND EPISTEMOLOGY OF ARCHAEOLOGY**
Araujo, Astolfo (Museum of Archaeology and Ethnology - University of São Paulo) - Okumura, Mercedes (Institute of Biosciences - University of São Paulo)
- 9:45** **MECHANISMS IN ARCHAEOLOGICAL EXPLANATION: MUCH NEEDED FOR MACROARCHAEOLOGY, BUT MAINLY MISSING FROM THE POST-MODERN MAINSTREAM**
Marwick, Ben (University of Washington)
- 10:00** **MACROARCHAEOLOGY, EPISTEMOLOGY, AND THE QUALITY OF THE ARCHAEOLOGICAL RECORD**
Allison, James (Brigham Young University)
- 10:15** **DISCUSSION SLOT**
- 11:00** **ARE WE WHAT WE EAT? THE SOUTHWEST ASIAN "NEOLITHIC REVOLUTION" AS MACROARCHAEOLOGICAL THEORY**
Roe, Joe (Institute of Archaeological Sciences, University of Bern)
- 11:15** **CYCLES IN A LONG-TERM PERSPECTIVE**
Gronenborn, Detlef (Leibniz Research Institute for Archaeology - RGZM)
- 11:30** **RECOVERY & RESILIENCE OF PREHISTORIC SOCIETIES AFTER DISTURBANCE AS SEEN THROUGH PALAEODEMOGRAPHY**
Riris, Philip (Institute for Modelling Socio-Environmental Transitions)
- 11:45** **DISCUSSION SLOT**
- 12:00** **MACROARCHAEOLOGY AND THE SOCIAL REACTORS PROJECT**
Ortman, Scott (University of Colorado)
- 12:15** **ZOOM AND ENHANCE: HIGH RESOLUTION RECONSTRUCTION OF MACRO-SCALE PROCESSES WITH BAYESIAN HIERARCHICAL MODELS**
Hinz, Martin - Roe, Joe (Institut für Archäologische Wissenschaften, University of Bern)
- 12:30** **A MACROEVOLUTIONARY ANALYSIS OF EUROPEAN LATE UPPER PALAEO-LITHIC STONE TOOLS USING A BAYESIAN PHYLOGENETIC FRAMEWORK**
Matzig, David (Aarhus University)
- 12:45** **DISCUSSION SLOT**
- 14:00** **MACROARCHAEOLOGY BY DEFAULT: THE RESEARCH CENTER "THE ROLE OF CULTURE IN EARLY EXPANSIONS OF HUMANS" (ROCEEH)**
Haidle, Miriam - Bolus, Michael - Bruch, Angela - Conard, Nicholas - Hertler, Christine - Kanaeva, Zara - Kandel, Andrew - Sommer, Christian (Heidelberg Academy of Sciences and Humanities, Research Center ROCEEH)
- 14:15** **A MACROARCHAEOLOGICAL PERSPECTIVE ON THE ARCHAEOGENETIC RECORD**
Schmid, Clemens (Max Planck Institute for Evolutionary Anthropology)
- 14:30** **DISCUSSION SLOT**

306 EARLY IRON AGE LANDSCAPE TRANSFORMATIONS IN THE CARPATHIAN BASIN AND ADJACENT AREAS

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Czajlik, Zoltán (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Benediková, Lucia (Institute of Archaeology SAS) - Mele, Marko (Universalmuseum Joanneum) - Czifra, Szabolcs (Hungarian National Museum)

PAPERS

14:00 INTRODUCTION

14:15 WESTERN CARPATHIAN MOUNTAINS LAND-USE DURING THE BRONZE AND IRON AGES : CASE STUDY FROM LIPTOV (SLOVAKIA)

Benediková, Lucia (Institute of Archaeology of the Slovak Academy of Sciences, Nitra) - Hajnalová, Mária (Constantine the Philosopher University Faculty of Arts, Department of Archaeology, Nitra) - Jamrichová, Eva (Department of Paleoecology, Institute of Botany of the Czech Academy of Sciences) - Barta, Peter (Comenius university Faculty of Arts, Department of Archaeology, Bratislava) - Petr, Libor (Department of Botany and Zoology, Masaryk University, Brno) - Dreslerová, Dagmar (Institute of Archaeology of the Czech Academy of Sciences, Prague)

14:30 CLIMATIC CHANGES DURING THE LBA – EIA TRANSITION IN THE CARPATHIAN BASIN AND THEIR IMPACT ON HUMAN SOCIETIES

Magyari, Eniko (Eötvös Loránd University, Department of Environmental and Landscape Geography; MTA-MTM-ELTE Research group for Paleontology) - Buczkó, Krisztina (Research Centre for Ecology; Hungarian Natural History Museum) - Czifra, Szabolcs (Hungarian National Museum) - Fejér, Eszter (Institute of Archaeological Sciences, Eötvös Loránd University) - Szabó, Zoltán (Eötvös Loránd University, Department of Environmental and Landscape Geography) - Czajlik, Zoltán (Institute of Archaeological Sciences, Eötvös Loránd University)

14:45 DISCUSSION SLOT

15:00 SPATIAL ANALYSIS OF THE SCYTHIAN CULTURE MONUMENTS IN THE EASTERN PODOLIA (PRELIMINARY CONSIDERATION)

Shelekhan, Oleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine)

15:15 SCYTHIAN AGE SETTLEMENT PATTERNS IN THE MIDDLE TISZA REGION (HUNGARY)

Czifra, Szabolcs - Mesterházy, Gábor (Hungarian National Museum) - Mali, Péter (Damjanich János Museum)

15:30 A BIRD'S EYE VIEW BEYOND THE CARPATHIANS: THE FUNERARY LANDSCAPE IN FERIGILE ARCHAEOLOGICAL GROUP

Mandescu, Dragos (Arges County Museum)

15:45 DISCUSSION SLOT

16:30 LANDSCAPE TRANSFORMATIONS AND LAND USE ON THE MIDDLE MUREŞ VALLEY (SOUTH-WESTERN TRANSYLVANIA) DURING THE EARLY IRON AGE

Rustoiu, Aurel (Institute of Archaeology and History of Arts Romanian Academy Cluj-Napoca) - Berecki, Sandor (Muzeul Judeţean Mures Tg. Mures)

16:45 SETTLEMENT DYNAMICS IN THE IRON AGE LANDSCAPE OF SOUTHERN STYRIA (AUSTRIA)

Mele, Marko (Universalmuseum Joanneum)

17:00 IS THERE ANY PATTERN IN THE EARLY IRON AGE LANDSCAPE FORMATION? A CASE STUDY OF SÜTTŐ AND POŠTELA

Czajlik, Zoltán (Eötvös Loránd University) - Črešnar, Matija (Department of Archaeology, University of Ljubljana) - Novinszki-Groma, Katalin (Eötvös Loránd University)

17:15 THE EARLY IRON AGE LANDSCAPE AROUND THE SOMLÓHEGY

Soós, Bence (Hungarian National Museum, Archaeological Department; Eötvös Loránd University, Institute of Archaeological Sciences)

17:30 DISCUSSION SLOT

POSTERS

- A. IRON AGE COMMUNITIES IN THE LOWER DANUBE AREA: ARCHAEOLOGICAL AND ARCHAEOZOOLOGICAL DATA ON THE FOOD ECONOMY AND PALEOENVIRONMENT**
Ștanc, Simina Margareta (Alexandru Ioan Cuza University of Iași) - Ailincăi, Sorin Cristian (Eco-Museum Research Institute of Tulcea) - Motolea, Aurel Constantin (Museum of National History and Archeology Constanța)
- B. IMPRINT IN THE LANDSCAPE. THE MONUMENTAL LANDSCAPE OF SÜTTŐ AND ITS CONTACTS ALONG THE RIVER DANUBE IN THE EIA**
Novinszki-Groma, Katalin (Eötvös Loránd University)

309 FROM THE PRESENT TO THE PAST AND BACK: CROSSING DISCIPLINARY AND TIME BOUNDARIES IN AGRICULTURAL RESEARCH

Time: Friday 2 Sept, 8:30 - 16:00

Format: Session with keynote presentation and discussion

Organisers: Varalli, Alessandra (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF) - Lancelotti, Carla (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA) - Biagetti, Stefano (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Gur-Arieh, Shira (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich) - Martin, Lucie (Laboratory of Prehistoric Archaeology and Anthropology, University of Geneva; UMR EDYTEM, CNRS, Université Grenoble Alpes, Université Savoie Mont-Blanc, Chambéry)

PAPERS

8:30 INTRODUCTION

8:45 A DEEP HISTORY OF AGRICULTURE

Madella, Marco (Universitat Pompeu Fabra; ICREA)

9:00 DISCUSSION SLOT

9:15 A MULTIPROXY APPROACH TO PAST AND PRESENT AGRICULTURE IN DRYLANDS

Biagetti, Stefano (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra; School of Geography, Archaeology and Environmental Studies - GAES, University of the Witwatersrand, Johannesburg) - Jiménez-Arteaga, Carolina - Ruiz-Giralt, Abel (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 – Institució Catalana de Recerca i Estudis Avançats; School of Geography Archaeology and Environmental Studies - GAES, University of the Witwatersrand) - Varalli, Alessandra (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra) - D'Agostini, Francesca (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats)

9:30 NEW TECHNIQUES ... FOR OLD PURPOSES. THE MODERN FAO'S LAND EVALUATION SYSTEM FOR RECONSTRUCTION OF THE ANCIENT AGRICULTURE LANDSCAPE

Sotgia, Agostino (Sapienza - Università di Roma; RUG - University of Groningen)

9:45 HISTORIC RURAL LANDSCAPE AND SOIL SUSTAINABILITY: A RUSLE MODELLING APPROACH

Brandolini, Filippo - Turner, Sam (McCord Centre for Landscape, School of History, Classics and Archaeology, Newcastle University)

10:00 A MULTI-DISCIPLINARY MODELLING APPROACH FOR UNDERSTANDING HUMAN AND AGRICULTURAL NICHES IN THE WESTERN MEDITERRANEAN AREA DURING THE NEOLITHIC

Castiello, Maria Elena (Department of Natural Sciences, German Archaeological Institut - DAI, Berlin) - Russo, Emanuele (Institute for Atmospheric and Climate Science, ETH Zurich) - Martínez-Grau, Hector - Prats, Georgina - Jesus, Ana (Integrative Prehistory and Archaeological Science - IPAS/IPNA, University of Basel) - Antolin, Ferran (Department of Natural Sciences, German Archaeological Institut - DAI, Berlin)

10:15 DISCUSSION SLOT

11:00 PRESENT AND PAST AGRICULTURE IN ARID ENVIRONMENTS: A MULTI-PROXI APPROACH TO RECONSTRUCT THE HISTORY OF THE MASAFI OASIS (U.A.E.)

Djerbi, Hatem (Université Côte d'Azur, CNRS-CEPAM UMR 7264; Eveha) - Garnier, Aline (Université de Paris Est-Créteil, Département de géographie; LGP-CNRS UMR 8591) - Costa, Sophie (Université Côte d'Azur, CNRS-CEPAM UMR 7264) - Herveux, Linda (Archéorient-CNRS UMR 5133, Maison de l'Orient et de la Méditerranée) - Charbonnier, Julien - Carré, Alain - Purdue, Louise (Université Côte d'Azur, CNRS-CEPAM UMR 7264)

- 11:15 OASIS LANDSCAPES AND LONG-TERM AGRICULTURE IN ARID ENVIRONMENTS: AN ASSESSMENT FROM THE OASIS OF ALULA (SAUDI ARABIA)**
Purdue, Louise (CNRS CEPAM-UMR 7264) - Lespez, Laurent (Université Paris 12; LGP-UMR 8591) - Djerbi, Hatem - Davtian, Gourguen (CNRS-CEPAM UMR 7264) - Girard, Jean-François (Institut de Physique du Globe) - Carré, Alain (CNRS-CEPAM UMR 7264) - Rouvier, Claude (Independent Researcher) - Andrieux, Eric (Durham University) - Costa, Sophie - Villa, Valentina (CEPAM-UMR 7264)
- 11:30 TRANSHUMANCE IN ICELAND: SUCCESSFUL HISTORICAL LAND MANAGEMENT OR A VECTOR FOR LAND DEGRADATION?**
Erlendsson, Egill - Gísladóttir, Guðrún (Institute of Life and Environmental Sciences, University of Iceland)
- 11:45 UNDERSTANDING PAST WATER AVAILABILITY IN RAIN-FED CONTEXTS THROUGH THE USE OF PHYTOLITHS: AN EXPERIMENTAL APPROACH IN SELECTED C₄ CROPS**
D'Agostini, Francesca (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra; UMR DIADE, Université de Montpellier) - Vadez, Vincent (IRD - Institut de Recherche pour le Développement, UMR DIADE, Université de Montpellier; ICRISAT – International Crops Research Institute for Semi-Arid Tropics) - Kholova, Jana (ICRISAT – International Crops Research Institute for Semi-Arid Tropics) - Ruiz-Pérez, Javier (Department of Ecology and Conservation Biology, Texas A&M University) - Madella, Marco - Lancelotti, Carla (CaSEs – Culture and Socio-Ecological Dynamics Research Group, Departament d'Humanitats, Universitat Pompeu Fabra, Barcelona; ICREA – Catalan Institution for Research and Advanced Studies)
- 12:00 ASSESSING THE EFFECTS OF CHARRING ON C AND N STABLE ISOTOPE VALUES OF C₄ PLANTS FOR RECONSTRUCTING PAST AGRICULTURAL PRACTICES**
Varalli, Alessandra - D'Agostini, Francesca (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF) - Fiorentino, Girolamo (Laboratory of Archaeobotany and Palaeoecology, Department of Cultural Heritage, University of Salento) - Madella, Marco (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA) - Vadez, Vincent (Institut de Recherche pour le Développement - IRD, Université de Montpellier – UMR DIADE; International Crops Research Institute for Semi-Arid Tropics - ICRISAT) - Lancelotti, Carla (CaSEs–Culture and Socio-Ecological Dynamics Research Group, Department of Humanities, Universitat Pompeu Fabra - UPF; ICREA)
- 12:15 DISCUSSION SLOT**
- 14:00 INVESTIGATING THE GROWING CONDITIONS OF BROOMCORN MILLET (*PANICUM MILIACEUM* L.) IN NORTHERN GERMANY IN THE LATE BRONZE AGE**
Filipovic, Dragana (Institute for Pre- and Protohistoric Archaeology, Kiel University) - Herrscher, Estelle (Aix Marseille University, CNRS, LAMPEA, UMR7269) - Schlütz, Frank (Niedersächsisches Institut für historische Küstenforschung) - Schneeweiß, Jens (Zentrum für Baltische und Skandinavische Archäologie, Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf; Cluster of Excellence ROOTS, Kiel University) - Kirleis, Wiebke (Institute for Pre- and Protohistoric Archaeology, Kiel University)
- 14:15 INFERRING AGRICULTURAL PRACTICES IN SOUTHWESTERN NORWAY USING STABLE ISOTOPE ANALYSIS OF CHARRED CEREAL GRAINS**
Fredh, Erik Daniel - Bishop, Rosie (University of Stavanger)
- 14:30 DISCUSSION SLOT**

POSTERS

- A. PRELIMINARY DATASET ON CARPOLOGICAL REMAINS FROM ITALIAN BRONZE AGE**
Cortese, Francesca (Department of History, Humanities and Society, University of Rome Tor Vergata) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Bontempo, Luana (Edmund Mach Foundation, Food Quality and Nutrition Department – Traceability Unit) - Carrara, Nicola (University of Padua) - Dalla Longa, Elisa (Independent researcher) - Moggi Cecchi, Iacopo (Anthropological laboratories – Department of Biology, University of Florence) - Silvestri, Letizia (Department of History, Humanities and Society, University of Rome Tor Vergata; Durham University, Department of Archaeology) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Department of History, Humanities and Society, University of Rome Tor Vergata)

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B. CONSTRUCTION AND PRACTICE OF EXPERIMENTAL PADDY FIELDS IN THE YAYOI AND KOFUN PERIODS IN THE JAPANESE ARCHIPELAGO

Shiroishi, Tetsuya (Yamagata University) - Yamada, Masahisa (Tokyo Metropolitan University)

311 COMMUNITY ARCHAEOLOGY OF THE EDGES: CHALLENGES AND SOLUTIONS

Time: Friday 2 Sept, 16:30 - 18:30

Format: Round table

Organisers: Todaro, Simona (Catania University) - Kyriakidis, Evangelos (The Heritage Management Organization)

In the past 15 years, the engagement between archaeology and the public has intensified and, as a result, a growing number of countries have moved from top-down approaches that aim to increase community awareness of cultural heritage through modification of dissemination practices, to more dynamic and inclusive approaches that entail the active collaboration of citizens and archaeologists.

The new path has inevitably forced practitioners to rethink how and why we do archaeology and has eventually led to a shift of focus from top-down, often enforced, box-ticking exercises, to projects aimed to empower local communities.

While the outcomes of archaeological research are regulated by specific legislation and publication responsibilities, the truly collaborative practice poses often unresolved location specific challenges. True collaboration requires the permeability of boundaries between "professional" and "community member", which can become extremely difficult to transcend when working with marginal groups, even in cases in which researchers are both community members and professionals.

Yet, marginal groups, i.e. communities that can be regarded as critical for socio-economic reasons (e.g. peripheries of urban centres, groups characterized by a lack of access to facilities, that have not been integrated, are illiterate or new), are those that could benefit more from collaborative research projects in which the cultural heritage can become a trigger for creating and/or reinforcing integration. The aim of this session is to bring together researchers who have been working with such communities so as to address, through specific cases studies, challenges and attempts at overcoming them.

323 MICROHISTORY AND SOCIAL ARCHAEOLOGY IN WESTERN EUROPE

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Quirós Castillo, Juan Antonio (University of the Basque Country) - Stagno, Anna (University of Genova)

PAPERS

8:30 INTRODUCTION

8:45 DELUSIONS OF GRANDEUR: CONFUSING SIZE WITH DEPTH IN ARCHAEOLOGICAL PRACTICE

Ribeiro, Artur (Christian-Albrechts-Universität)

9:00 MICROHISTORY AND HISTORICAL ARCHAEOLOGY. TOWARD A MICRO-HISTORICAL ARCHAEOLOGY?

Panetta, Alessandro (University of Genoa) - Casimiro, Tânia (Universidade Nova de Lisboa)

9:15 THE RISE OF RURAL RENTIERS IN MEDIEVAL NORWAY: APPROACHING A SOCIAL ARCHAEOLOGY OF THE MOST RADICAL SHIFT IN NORWEGIAN HISTORY

Hill, David (NIKU - Norwegian Institute for Cultural Heritage Research)

9:30 PEASANTS, TRADESMEN AND CAVALRY SOLDERS – ARCHAEOLOGY AND MICROHISTORY OF AN EARLY MODERN FARM

Heinonen, Tuuli (University of Helsinki)

9:45 MICROHISTORY, LOCAL SOCIETIES AND SOCIAL POWER IN EARLY MEDIEVAL AGE. A BASQUE CASE STUDY

Quirós Castillo, Juan Antonio (UPV-EHU, Dpto Geografía, Prehistoria y Arqueología)

10:00 LOCKS AND THE ACT OF LOCKING WITHIN AN 18TH-CENTURY SWEDISH URBAN TENEMENT

Qvistrom, Linda (Uppsala University)

10:15 DISCUSSION SLOT

11:00 ANDRÚAS. MICROHISTORY OF A SPACE FOR COLLECTIVE USE IN THE CANTABRIAN MOUNTAINS

López, Pablo (University of León) - Carballido González, Elias - Rebollar Flecha, Luis Miguel - Fernández Mier, Margarita (University of Oviedo)

11:15 BETWEEN ARCHAEOLOGY AND HISTORY: THE AMBIGUITY OF THE COMMONS, CASE STUDIES FROM TREBBIA VALLEY (LIGURIAN APENNINES)

Stagno, Anna Maria (Università di Genova - Laboratory of Environmental Archaeology and History) - Tigrino, Vittorio (Università del Piemonte Orientale) - Beltrametti, Giulia (University of Primorska - Faculty of Humanities)

11:30 MARBLE LIME KILNS IN THE POHORJE MOUNTAIN (SLOVENIA): MODERN HERITAGE OF A RURAL INDUSTRY

Zanier, Katharina - Djurić, Bojan (Department of Archaeology, Faculty of Arts, University of Ljubljana)

11:45 UNVEILING LOCAL CONFLICTS THROUGH MICROHISTORY: A MULTIDISCIPLINARY AND COMPARATIVE ANALYSIS OF THE COMMON LANDS IN NORTHERN IBERIA (18TH-19TH CENTURIES)

Cristina, Giovanni - Tejerizo-García, Carlos (Università di Genova) - Menéndez-Blanco, Andrés (Universidad de Oviedo; Università di Genova)

12:00 DISCUSSION SLOT

POSTERS

A. THE LIFE HISTORY OF A SMALL TERRITORY OF INNER SICILY THROUGHOUT ARCHAEOLOGICAL RESEARCH

Lo Monaco, Viviana (UNESP)

326 MACHINE LEARNING AND THE CREATION OF ARCHAEOLOGICAL NARRATIVES**Time:** Friday 2 Sept, 14:00 - 16:00**Format:** Discussion session**Organisers:** Giroto, Chiara (Ludwig-Maximilians-Universität München) - Price, Henry (Imperial College London)**PAPERS****14:00 INTRODUCTION****14:15 CAN WE RELY ON DATA OBTAINED SOLELY THROUGH ML? AN ARCHAEOASTRONOMICAL APPROACH TO THE PREHISTORIC TOMBS OF NORTH-WESTERN ARABIA**

Urrutia-Aparicio, Maitane - Asensio Ramos, Andrés - Westendorp Plaza, Carlos - Belmonte, Juan (Instituto de Astrofísica de Canarias) - González-García, A. César (Instituto de Ciencias del Patrimonio - Incipit, Consejo Superior de Investigaciones Científicas - CSIC)

14:30 EMPLOYING VISUAL FEATURE ANALYSIS WITH MACHINE LEARNING MODELS FOR THE AUTOMATED CLUSTERING OF SMALLER BUT SIGNIFICANT ARCHAEOLOGICAL ITEMS

Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University; Molecular Biology Center, Interdisciplinary Research Institute on Bio-Nano-Sciences, Babes,-Bolyai University) - Mircea, Ioan (Department of Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University) - Urduzia, Claudia (Brukenthal National Museum) - Pinter, Zeno (Department of History, Heritage and Protestant Theology, Lucian Blaga University of Sibiu; Institute of Social Sciences and Humanities, Romanian Academy) - Kelemen, Beatrice (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University; Molecular Biology Center, Interdisciplinary Research Institute on Bio-Nano-Sciences, Babes,-Bolyai University)

14:45 COULD MACHINE LEARNING SEAL THE DEAL? EXPLORING MULTIPLE AVENUES TO RECOGNISE AND CLASSIFY DESIGNS OF COMMON MITANNI CYLINDER SEALS

Angourakis, Andreas (Institute for Archaeological Studies, Ruhr University Bochum; McDonald Institute for Archaeological Research, University of Cambridge) - Tsouparopoulou, Christina (McDonald Institute for Archaeological Research, University of Cambridge; Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)

15:00 DISCUSSION SLOT**POSTERS****A. FRAGMENT GENERATION OF IBERIAN POTTERY PROFILES WITH MACHINE LEARNING FOR CERAMIC RECONSTRUCTION**

Fuertes García, José Manuel (Department of Computer Science, University of Jaén; University Research Centre for Iberian Archaeology) - Navarro, Pablo (Instituto Patagónico de Ciencias Sociales y Humanas. Centro Nacional Patagónico; CONICET) - Cintas, Celia (IBM Research Africa) - Lucena López, Manuel José - Segura Sánchez, Rafael (Department of Computer Science, University of Jaén; University Research Centre for Iberian Archaeology) - Delrieux, Claudio (Departamento de Ingeniería Eléctrica y de Computadoras, Universidad Nacional del Sur.) - González-José, Rolando (Instituto Patagónico de Ciencias Sociales y Humanas. Centro Nacional Patagónico; CONICET) - Moreno Padilla, Isabel (University Research Centre for Iberian Archaeology; University of Jaén)

331 POSSIBILITIES AND CHALLENGES OF THE ARCHAEOLOGICAL SCIENCE REVOLUTION IN THE CAUCASUS

Time: Friday 2 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Passerini, Annapaola (Cornell University) - Maurer, Gwendoline (University College London) - Batiashvili, Magda (Sapienza University of Rome) - Ismayilova, Narmin (University of Birmingham) - Antonosyan, Maria (Max Planck Institute for the Science of Human History; Institute of Molecular Biology NAS Armenia)

PAPERS

8:30 INTRODUCTION

8:45 COLOUR OF THE PAST. FIRST ARCHAEOMETRIC INVESTIGATIONS OF CAUCASIAN ROCK ART PAINTINGS IN GEORGIA

Batiashvili, Magda (Science and Technology for the Conservation of Cultural Heritage) - Gallinaro, Marina - Restelli, Francesca (Department of Ancient World Studies) - Medeghini, Laura - Botticelli, Michela (Department of Earth Sciences, "Sapienza" University)

9:00 A TECHNOLOGICAL ANALYSIS OF THE STONE ARTIFACTS FROM AGHITU-3 CAVE AND ITS IMPLICATION ABOUT UPPER PALEOLITHIC SETTLEMENT IN ARMENIAN HIGHLANDS

Jabbour, Firas (Eberhard Karls University of Tübingen, Department of Early Prehistory and Quaternary Ecology, University of Tübingen; The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities at the University of Tübingen) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences, Yerevan) - Kandel, Andrew (The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities at the University of Tübingen)

9:15 ELEMENTAL COMPOSITION AND LEAD ISOTOPES OF COPPER-BASED ARTIFACTS FROM TEL BET YERAH (KHIRBET EL-KERAK): NEW INSIGHTS ON THE KURA-ARAXES DISPERSION

Ben-Yosef, Erez - Yagel, Omri (Tel Aviv University) - Harlavan, Yehudit (Geological Survey of Israel) - Shalem, Naama - Paz, Sarit - Greenberg, Raphael (Tel Aviv University)

9:30 DISCUSSION SLOT

9:45 POSSIBILITIES AND CHALLENGES OF USING STABLE ISOTOPE ANALYSIS TO INVESTIGATE KURA-ARAXES 'PASTORAL' ECONOMIES AND MOBILITY PRACTICES IN NACHCIVAN

Maurer, Gwendoline (UCL - University College London)

10:00 WHAT CAN MOLECULES TELL US? RECONSTRUCTION OF FAUNAL DIVERSITY IN THE LESSER CAUCASUS IN THE PAST 30,000 YEARS

Antonosyan, Mariya (Department of Archaeology, Max Planck Institute for the Science of Human History; Institute of Molecular Biology, National Academy of Sciences of Armenia) - Davtyan, Armine - Mkrtychyan, Satenik (Institute of Molecular Biology, National Academy of Sciences of Armenia) - Petraglia, Michael - Boivin, Nicole (Department of Archaeology, Max Planck Institute for the Science of Human History) - Yepiskoposyan, Levon (Institute of Molecular Biology, National Academy of Sciences of Armenia) - Amano, Noel (Department of Archaeology, Max Planck Institute for the Science of Human History)

10:15 DISCUSSION SLOT

11:00 DEFINING TECHNOLOGICAL TRADITIONS: MAIKOP AND LEYLATEPE/CHAFF-FACED WARE CASE

Iserlis, Mark (German Archaeological Institute)

11:15 ZOOARCHAEOLOGY AT SHENGAVIT, THE 2009-12 EXCAVATIONS

Crabtree, Pam (New York University)

- 11:30** **REFINING THE TIMING OF PLEISTOCENE HOMININ BEHAVIOURS IN ARMENIA; OPPORTUNITIES, CHALLENGES, AND FUTURE PROSPECTS**
Sherriff, Jenni (Department of Geography, King's College London) - Adler, Daniel (Department of Anthropology, University of Connecticut) - Arakelyan, Dimitri (Institute of Geological Sciences, National Academy of Sciences of the Republic of Armenia, Yerevan) - Blockley, Simon (Centre for Quaternary Research, Department of Geography, Royal Holloway, University of London) - Gasparyan, Boris (Institute of Archaeology and Ethnography, National Academy of Sciences of the Republic of Armenia, Yerevan) - Mark, Darren (NERC Argon Isotope Facility, Scottish Universities Environmental Research Centre, Glasgow) - Preece, Katie (Department of Geography, Swansea University) - Timms, Rhys (School of Archaeology, Geography and Environmental Science, Whiteknights, University of Reading) - Wilkinson, Keith (Department of Archaeology, Anthropology and Geography, University of Winchester)
- 11:45** **DISCUSSION SLOT**
- 12:00** **NEW FRONTIERS FOR DIGITAL RESEARCH @ SAMTAVRO CEMETERY, CAUCASIAN IBERIA**
Michalewicz, Aleks - Fitzgerald, Emily (University of Melbourne) - Birkett-Rees, Jessie (Monash University)
- 12:15** **OUT OF TIME, OUT OF MIND: RADIOCARBON DATING THE EARLY BRONZE AGE IN THE SOUTH CAUCASUS**
Passerini, Annapaola (Cornell University)
- 12:30** **NEOLITHIC REVOLUTIONARIES: SOVIET STUDIES ON EARLY AGROPASTORAL COMMUNITIES AND THEIR IMPACT ON THE CURRENT ARCHAEOLOGY IN SOUTH CAUCASUS**
Heit, Ilia (German Archaeological Institute, Eurasia Department)
- 12:45** **DISCUSSION SLOT**
- 14:00** **DOMESTIC ARCHITECTURE IN THE SHULAVERI-SHOMUTEPE CULTURE IN THE KURA RIVER VALLEY IN SOUTHERN CAUCASUS IN THE 6TH MILLENIUM BC**
Sobko, Jakub (Adam Mickiewicz University in Poznań)
- 14:15** **PRESSING CONCERNS: URARTIAN WINE PRODUCTION EQUIPMENT**
Newson, Victoria (University of Sheffield)
- 14:30** **DISCUSSION SLOT**

342 WHAT DO ARCHAEOLOGISTS WANT FROM A DISTRIBUTED SCIENCE INFRASTRUCTURE? INTRODUCING IPERION HS AND E-RIHS

Time: Friday 2 Sept, 11:00 - 13:00

Format: Workshop

Organisers: Campbell, Gillian (Historic England) - Çakırlar, Canan (Groningen Institute of Archaeology)

As part of introducing two projects, IPERION HS and E-RIHS, this workshop will aim to ensure that future science infrastructure works for archaeologists, whether researchers or practitioners. It will seek the views of archaeologists participating in the workshop on the challenges and opportunities connected with developing an effective European heritage science infrastructure. Is the current infrastructure fit for purpose? Does it provide the tools and the expertise archaeologists need to answer important questions about past lives, livelihoods and landscapes? Are there gaps in provision and how can we fill those gaps? What barriers currently exist in fostering collaboration and how can they be overcome?

Integrating Platforms for the European Research Infrastructure ON Heritage Science (IPERION HS, <http://www.iperion-hs.eu/>) is a new initiative funded by the European Commission as part of the Horizon 2020 programme building on the success of the previous IPERION CH project. It seeks to develop a pan-European distributed and connected infrastructure made up of research facilities situated across Europe and beyond. It brings together researchers in humanities and sciences fostering a culture of exchange and cooperation. The core activity of IPERION HS is to provide access to researchers from different disciplines, including heritage and conservation sciences, archaeology, palaeoanthropology, to scientific instruments, data, tools and expert knowledge outside of their core area of expertise so that they can develop their competence and advance the understanding and conservation of cultural heritage from artefacts to archaeological sites and landscapes.

The future European Research Infrastructure for Heritage Science (E-RIHS; <http://www.e-rihs.eu>) will capitalize on the developments of IPERION HS and its predecessor projects pursuing the integration of European world-class facilities to create a cohesive entity playing a connecting role in the global community of heritage science.

343 METALS AND METALWORKING IN THE BORDERLANDS**Time:** Friday 2 Sept, 8:30 - 18:30**Format:** Regular session**Organisers:** Saage, Ragnar (University of Tartu) - Wärmländer, Sebastian (Stockholm University) - Neiß, Michael (Uppsala University) - Kurisoo, Tuuli (Tallinn University)**PAPERS****8:30 INTRODUCTION****8:45 METALS AND SOCIETY - THE INFLUENCE OF NEW MATERIALS ON SETTLEMENT STRUCTURE IN MARGINAL ZONES**

Mino, Martin - Fratričová, Monika (Monument Board of Slovak Republic) - Zachar, Tomáš (Archäologisches Museum Frankfurt)

9:00 MULTIMETALITY BEYOND THE IRON AGE CENTRAL-PLACE CRAFT MILIEUS – METAL USE IN THE BORDERLANDS

Svensson, Andreas (Lund University)

9:15 DISCUSSION SLOT**9:30 IRON FOR THE KNIGHTS – THE TEUTONIC ORDER CASTLE SMITHY IN TARVASTU**

Saage, Ragnar - Oks, Kristo (University of Tartu)

9:45 WHAT IS IT ABOUT METAL OBJECTS? IRON AND COPPER ALLOYS IN THE LATE MEDIEVAL CASTLE OF LORCA (SPAIN)

Molina-Campuzano, María Isabel (University of Murcia)

10:00 A PRE-VIKING AGE IRON PLATE FOR WIRE-DRAWING FROM A WORKSHOP IN OLD UPPSALA, SWEDEN

Wärmländer, Sebastian (Department of Archaeology and Classical Studies, Stockholm University; UCLA/Getty Conservation Programme, Cotsen Institute of Archaeology, UCLA)

10:15 DISCUSSION SLOT**11:00 ABI'EL COINS – LOCAL VARIATIONS ON A SUPRA-REGIONAL TRADITION**

Van Ham-Meert, Alicia (Earth and Environmental Sciences, KU Leuven) - Overlaet, Bruno (Royal Museum for Art and History, Brussels) - Yousif, Eisa - Jasim, Sabah (Sharjah Archaeology Authority)

11:15 METAL HORSE TACKS FROM THE HUNNIC-PERIOD CARPATHIAN BASIN AND THEIR CLASSIFICATION BY MEANS OF ARCHAEOLOGICAL ANALYSES

Piros, Réka (Department of Archaeology, University of Szeged) - Mozgai, Viktória - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH)

11:30 PRECIOUS METALWORK IN THE BORDERLANDS OF THE AVAR EMPIRE (LATE 6TH-EARLY 9TH CENTURY AD): PRODUCTION, DISTRIBUTION AND CULTURAL-HISTORICAL INTERPRETATION

Bühler, Birgit (Vienna Institute for Archaeological Science - VIAS, University of Vienna)

11:45 DISCUSSION SLOT**12:00 PRODUCTION AND DISTRIBUTION OF RELIGIOUS AMULETS IN DENMARK AROUND 1100. THE CHURCH AS INITIATOR AND KEY AGENT?**

Søvsø, Mette (Museum of Southwest Jutland)

12:15 SCANDINAVIAN BRACTEATES AND ROMAN BORDERLANDS: EMBRACING AND ADAPTING FOREIGN TECHNIQUES

Wicker, Nancy (University of Mississippi)

12:30 A PILOT STUDY OF THE WORKSHOP AREAS IN ESTONIA

Kurisoo, Tuuli (Tallinn University) - Saage, Ragnar (University of Tartu)

12:45 DISCUSSION SLOT**14:00 RE-WRITING ANCIENT NARRATIVES THROUGH USE-WEAR ANALYSIS - A CASE STUDY FROM A VIKING AGE BOAT GRAVE**

Neiß, Michael (Uppsala University, Department of Archaeology & Ancient History)

- 14:15** **BEYOND BORDERS: MARGINS IN EARLY IRON AGE SOCIETY**
Murray, Matthew (University of Mississippi)
- 14:30** **THE MINES OF DACIA – ENVIRONMENTAL EVIDENCE OF METAL SMELTING ACTIVITIES BEFORE, DURING, AND POST ROMAN PERIOD**
Veres, Daniel (Romanian Academy, Institute of Speleology) - Tamas, Calin (Faculty of Biology and Geology, University Babeş Bolyai; Romanian Academy, Institute of Speleology) - Haliuc, Aritina (Romanian Academy, Institute of Speleology) - Longman, Jack (Marine Isotope Geochemistry, Institute for Chemistry and Biology of the Marine Environment - ICBM, University of Oldenburg; Romanian Academy, Institute of Speleology) - Develle, Anne-Lise (Université Savoie Mont Blanc, CNRS, EDYTEM) - Gogaltan, Florin (Institutul de Arheologie al Academiei; Romanian Academy, Institute of Speleology)
- 14:45** **DISCUSSION SLOT**
- 15:00** **AZOTOS PARALIOS, A LATE ANTIQUITY CITY, ITS STRUCTURES AND PEOPLE – THROUGH A METAL LENS**
Mazis, Matasha (Technical University Darmstadt) - Fantalkin, Alexander (Tel Aviv University)
- 15:15** **GERMANIC VERSUS ROMAN COPPER ALLOYS BEYOND THE DANUBIAN LIMES – ELEMENTAL COMPOSITION OF SELECTED SMALL FINDS OF THE ROMAN PERIOD**
Komoróczy, Balázs - Kmošek, Matěj - Vlach, Marek - Kmošková, Michaela (Institute of Archaeology of the Czech Academy of Sciences, Brno)
- 15:30** **A METALWORKER'S BURIAL FROM THE MIDDLE BRONZE AGE, KAJÁSZÓ, HUNGARY**
Kovács, Ágnes (King St. Stephen Museum, Székesfehérvár)
- 15:45** **DISCUSSION SLOT**
- 16:30** **METALLURGY WITHOUT A METALLURGIST. THE BIOGRAPHY OF AN ARROWHEAD FROM NE POLAND**
Maciejewski, Marcin (Institute of Archaeology Maria Curie-Skłodowska University) - Szczepański, Łukasz (Ostróda Museum) - Tracz, Michał (Medical University of Lublin) - Fejfer, Mariusz (Biskupin Archaeological Museum) - Osipowicz, Grzegorz (Institute of Archaeology Nicolaus Copernicus University) - Gan, Paweł (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 16:45** **ON THE BORDER OF THE EARLY METAL WORLD? ENEOLITHIC METALLURGY IN THE MIDDLE WARTA BASIN**
Strózyk, Mateusz (Archaeological Museum in Poznań) - Żurkiewicz, Danuta - Szmyt, Marzena (Adam Mickiewicz University in Poznań; Archaeological Museum in Poznań) - Silska, Patrycja (Archaeological Museum in Poznań) - Garbacz-Klempk, Aldona (AGH University of Science and Technology in Cracow)
- 17:00** **METALLURGY AT A CULTURAL CROSSROAD: RE-INVESTIGATING SIGNS OF USE AND PRODUCTION OF METALS IN THE LATE BRONZE LEVELS OF TARSUS-GÖZLÜKULE**
Koumari, Marta (Bogazici University)
- 17:15** **METALLURGY IN THE LUSATIAN URNFIELD CULTURE. THE INFLUENCE OF WATERCOURSES**
Nowak, Kamil (Institute of Archaeology Nicolaus Copernicus University in Toruń)
- 17:30** **DISCUSSION SLOT**

POSTERS

- A. MARZABOTTO ON ITS OWN? ARCHAOMETALLURGICAL INVESTIGATION OF COPPER BASED FINDS FROM ETRUSCAN TOWN OF MARZABOTTO (IT)**
Kmošek, Matěj - Kysela, Jan (Institute of Classical Archaeology, Faculty of Arts, Charles University in Prague) - Gaucci, Andrea (Etruscology and Italic antiquities, Department of History and Cultures, University of Bologna)
- B. PRECIOUS METALS FROM AUGUSTA RAURICA - ARCHAEOLOGICAL AND ARCHAOMETRICAL INVESTIGATIONS USING NON-INVASIVE X-RAYS**
Megatli-Niebel, Isabel (Universität zu Köln; Augusta Raurica)

346 BRINGING ROMAN COARSE WARE TO THE POINT: THE CHALLENGE OF A COMMON APPROACH

Time: Friday 2 Sept, 8:30 - 10:30

Format: Regular session

Organisers: Venditti, Caterina - Taloni, Maria (Ministry of Culture, Italy) - Froehlich, Thomas (German Archaeological Institute) - Polito, Eugenio (University of Casinum and Southern Latium)

PAPERS

- 8:30 ROMAN COARSE WARES IN FABRATERIA NOVA. AN ATTEMPT OF CLASSIFICATION**
Venditti, Caterina Paola (Ministry of culture - Directorate general for Education, research and cultural institutes) - Taloni, Maria (Ministry of culture - Directorate general for Education, research and cultural institutes)
- 8:45 ROMAN COARSE WARE FROM AN ARCHEOLOGICAL AREA NEAR MILVIO BRIDGE. VIA CAPOPRATI (ROME)**
Ciarrocchi, Barbara (MiC)
- 9:00 THE USE OF DEEP LEARNING ALGORITHMS FOR THE STUDY OF ROMAN POTTERY FABRICS (FABRICAI)**
Willems, Sonja (Royal museums of Art and History, Brussels/Université Catholique de Louvain) - Chaidron, Cyrille (Université de Picardie Jules Verne; Artéka; Arkéocéra) - Borgers, Barbara (Unversität Wien)
- 9:15 DISCUSSION SLOT**
- 9:30 COARSE AND ROUGH AND IRRITATING: COARSE WARE OF DOLENJSKA**
Stemberger Flegar, Kaja (PJP d.o.o.) - Kovačič, Ana (Independent researcher)
- 9:45 POTTERY TRADITION IN THE NORTHWEST OF THE IBERIAN PENINSULA. TIMES OF CHANGE DURING THE ROMAN EMPIRE**
Hernández-Tórtoles, Alicia - Romero-Perona, Damian (Spanish National Research Council)
- 10:00 COARSE WARE'S STRATIGRAFICAL EVOLUTION IN THE WESTERN ATLANTIC SHORE OF HISPANIA (V-VI C. AD): THE CASE OF ALMOÍNHAS (LOURES, LISBON)**
Quaresma, José Carlos - Lopes, Martim (Universidade Nova de Lisboa)
- 10:15 DISCUSSION SLOT**

POSTERS

- A. INVESTIGATING ROMAN COARSE WARES IN NORTHERN ITALY: METHODS AND FIRST RESULTS FROM THE CASE STUDY OF AQUILEIA**
Riccatò, Anna (Università degli Studi di Padova)

354 'HIDDEN HILLFORTS'. THE IMPORTANCE OF ARCHIVAL SOURCES FOR THE FUTURE STUDY OF FORTIFICATIONS [COMFORT]

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Ibsen, Timo (Centre for Baltic and Scandinavian Archaeology Schleswig) - Podėnas, Vytenis (Lithuanian Institute of History, Vilnius) - Schneeweiß, Jens (Centre for Baltic and Scandinavian Archaeology Schleswig; ROOTS Cluster of Excellence, University of Kiel)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 A CENTURY OF DATING BACK AND FORTH. THE TORNOW-KLENICA AFFAIR IN THE CONTEXT OF GERMAN-POLISH ARCHAEOLOGY AND POLITICS**
Reichenbach, Karin (Leibniz-Institute for the History and Culture of Eastern Europe - GWZO)
- 9:00 HOW VERIFICATION LEADS TO DISCOVERY – FOUR NEW EARLY IRON AGE HILLFORTS IN DYLEWO HILLS LANDSCAPE PARK (NORTH-EAST POLAND)**
Solecki, Rafal - Welc, Fabian - Rabiega, Kamil (Cardinal Stefan Wyszyński University in Warsaw)
- 9:15 WHEN THERE'S NOTHING ELSE: SPATIAL ANALYSIS OF ĶĪVUTKALNS HILLFORT INHABITATION THROUGH EXCAVATION JOURNALS**
Visocka, Vanda (University of Latvia)
- 9:30 HILL FORTS OR NOT? SITES WITH TOPONYMIC OR FOLKLODIC BUT MISSING ARCHAEOLOGICAL EVIDENCE**
Valk, Heiki - Vindi, Andres (University of Tartu)
- 9:45 THE POTENTIAL AND CHALLENGES OF SPATIAL ANALYSIS BASED ON ARCHIVAL SOURCES: BRONZE AGE - ROMAN PERIOD HILLFORTS IN LITHUANIA**
Podėnas, Vytenis (Lithuanian Institute of History)
- 10:00 APUOLĖ HILLFORT COMPLEX: POSSIBILITIES OF RE-EVALUATION OF RESEARCH DATA**
Zabiela, Gintautas (Association of Lithuanian Archaeology)
- 10:15 DISCUSSION SLOT**
- 11:00 HILLFORTS REVISITED: INTEGRATING LEGACY DATA INTO A MODERN ARCHAEOBOTANICAL RESEARCH**
Minkevicius, Karolis (Vilnius University Department of Archaeology)
- 11:15 THE HILLFORT OF CAPOTE (EXTREMADURA, SW SPAIN). A MISUNDERSTOOD FORTRESS AMONG THE CELTIBERIANS OF THE IRON AGE**
Berrocal-Rangel, Luis (Department of Prehistory and Archaeology, Autonomous University of Madrid) - Ruano, Lucía (University Complutense of Madrid) - Paniego, Pablo (Consejo Superior de Investigaciones Científicas - Instituto de Arqueología de Mérida) - Sánchez de Oro, Pablo (Universidad Autónoma de Madrid)
- 11:30 REVEALING FORGOTTEN HILLFORTS - ARCHIVAL SOURCES OF EASTERN PRUSSIA'S GERMAN RESEARCH HISTORY ON PREHISTORIC FORTIFICATIONS**
Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie)
- 11:45 BUDEČ STRONGHOLD: THE POTENTIAL OF ARCHIVAL SOURCES FOR THE FUTURE STUDY OF A "WELL-KNOWN" ARCHEOLOGICAL SITE**
Tomanova, Pavla (Institute of Archaeology of the CAS)
- 12:00 EARLY AND HIGH MEDIEVAL FORTIFICATIONS IN THE HANNOVER AREA**
Messal, Sebastian (Lower Saxony Heritage Agency)
- 12:15 THE "LATVIJAS PILSKALNI" PROJECT AND E. BRASTIŅŠ LEGACY. ON THE WAY TO THE OPEN-ACCESS DATABASE OF THE BALTIC REGION HILLFORTS.**
Shiroukhov, Roman (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Kalniņš, Gatis (Latvijas Pilskalni - Latvian Hillforts - Project Director)
- 12:30 DISCUSSION SLOT**

358 CAN YOU SEE ME? PUTTING THE 'HUMAN' BACK INTO 'HUMAN-PLANT INTERACTIONS' [ARCHWILD]

Time: Friday 2 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Martín Seijo, María (Universidad de Cantabria) - Mooney, Dawn Elise (University of Stavanger) - Berihuete Azorín, Marian (IPHES-Catalan Institute for Human Palaeoecology and Social Evolution) - Ciampagna, María Laura (CONICET-Universidad Nacional de la Plata)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 PERCEPTIONS AND PRACTICES, AN OVERALL STUDY OF THE HUNTER-GATHERERS FROM PATAGONIA ARGENTINA AND PLANT INTERACTION**
Ciampagna, María (CONICET-Facultad de Ciencias Naturales. Universidad Nacional de La Plata)
- 9:00 FROM THE ARCHIPELAGO TO THE STEPPE IN CENTRAL-WEST PATAGONIA: PLANTS AND HUNTER-GATHERERS IN THE AISÉN REGION, CHILE**
Belmar, Carolina (University of Chile) - Méndez, César - Nuevo-Delaunay, Amalia (CIEP) - Reyes, Omar (Univeristy of Magallanes; CIEP) - Farias, Ivonne - Gómez Díaz-Tendero, Macarena - Gutiérrez, Valentina (Fondecyt 11180388)
- 9:15 WOOD FOR WEAPONS: CAN WE SEE CHILDREN IN SCALED ORGANIC HUNTING TOOLS?**
Milks, Annemieke (University of Reading, Department of Archaeology) - Lew-Levy, Sheina (Max Planck Institute for Evolutionary Anthropology)
- 9:30 LATE MESOLITHIC BIRCH BARK LAYERS FROM OSTEEL, GERMANY - A PLACE TO 'SIT AND WATCH' OR TO 'STORE AND HIDE'?**
Mahlstedt, Svea - Siegmüller, Annette - Wolters, Steffen (Lower Saxony Insitute for Historical Coastal Research - NlHK)
- 9:45 SEEDS FROM DIFFERENT PERSPECTIVES: INTERPRETING PLANT REMAINS FOUND IN SPECIAL CONTEXT FROM LATE NEOLITHIC HUNGARY**
Mervel, Máté (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest)
- 10:00 CORDAGE EXPERIMENTAL PRODUCTION. EARLY NEOLITHIC (5324-4977 CAL BC) RAW MATERIALS AND TECHNIQUES USED IN LA DRAGA (GIRONA, SPAIN)**
Herrero-Otal, Maria - Romero-Brugués, Susagna - Piqué Huerta, Raquel (Autonomous University of Barcelona) - Homs, Anna (Independent researcher) - Palomo, Antoni (Museu d'Arqueologia de Catalunya)
- 10:15 DISCUSSION SLOT**
- 11:00 ASSESSING THE ROLE OF WOODEN VESSELS, BASKETRY, AND POTTERY AT THE EARLY NEOLITHIC SITE OF LA DRAGA (BANYOLES, SPAIN)**
Bertin, Ingrid (Departament de Prehistòria - Universitat Autònoma de Barcelona; CEPAM - Université Côte d'Azur; ESR ChemArch Network) - Romero-Brugués, Susagna - Tzerpou, Evdoxia - Morera, Núria - Piqué, Raquel (Departament de Prehistòria - Universitat Autònoma de Barcelona)
- 11:15 FINDING HUMAN AGENCY IN THE 0.5MM ARCHAEOBOTANICAL FRACTION**
von Baeyer, Madelynn (Max Planck Institute for the Science of Human History)
- 11:30 HANDS, TOOLS, AND SKILLS: INTERPRETING ARCHAEOLOGICAL PLANT-BASED CRAFTS FROM THE PERSPECTIVE OF ARTISANS**
Martín Seijo, María (Universidad de Cantabria)
- 11:45 DISCUSSION SLOT**
- 12:00 HUMAN-ENVIRONMENTAL INTERACTIONS IN THE MIDDLE SURA RIVER REGION (RUSSIA) IN THE EARLY IRON AGE AND THE EARLY MIDDLE AGES**
Salova, Julia (-) - Vyazov, Leonid (-) - Ponomarenko, Elena (University of Ottawa) - Ershova, Ekaterina (-) - Utiagulova, Rimma (-) - Myasnikov, Nikolai (-)
- 12:15 HUMAN AGENCY FOR WOOD FUELING THROUGH THE ANDALUSIAN WRITTEN SOURCES AND ARCHAEOBIOLOGY**
Celma Martínez, Mireia - Hernández Robles, Alicia - Eiroa Rodríguez, Jorge A. (University of Murcia)

- 12:30** **WOOD UTILISATION STRATEGIES IN THE NORTH ATLANTIC (870-1500 AD)**
Guðmundsdóttir, Lísabet (Institute of Archaeology Iceland; University of Iceland)
- 12:45** **DISCUSSION SLOT**
- 14:00** **CHOOSE YOUR OWN ADVENTURE: USING MICROBOTANICAL ASSEMBLAGES TO INTERPRET HUMAN-PLANT RELATIONSHIPS AND CHOICES IN PICTLAND**
Prado, Shalen (McMaster University)
- 14:15** **ENVIRONMENTAL RESOURCES MANAGEMENT AND COMMONS: CRITICAL CONSIDERATIONS ON THE FIRST RESULTS OF ARCHAEOBOTANICAL INVESTIGATIONS AT PORT DE ROUET (LLO, FRANCE)**
Santeramo, Riccardo - Menozzi, Bruna (Università degli Studi di Genova) - Rendu, Christine (FRAMESPA Université Toulouse Jean Jaurès) - Moneta, Valentina - Molinari, Chiara - Stagno, Anna - Bizzarri, Giulia (Università degli Studi di Genova)
- 14:30** **MILLENNIAL TREES AND DECIDUOUS HUMANS. DIFFERENT ECO-GEOGRAPHIES BUT SAME STORIES: A COMPARISON BETWEEN ARBOREAL BIO-CULTURAL HERITAGE IN SICILY AND MOZAMBIQUE**
Ferrara, Vincenza (Department of Archaeology and Ancient History, Uppsala University; Department of Human Geography, Stockholm University) - Gota, Pascoal (Department of Archaeology and Ancient History, Uppsala University)
- 14:45** **DISCUSSION SLOT**
- POSTERS**
- A.** **PLANTS IN BURIALS: THE ROMAN IRON AGE ĪLES MEŽS BARROW CEMETERY (SOUTHERN LATVIA)**
Guscika, Elina - Stivrins, Normunds (University of Latvia, Institute of Latvian History)

359 BORDERLANDS, INTERACTION ZONES, AND BOUNDED SPACES IN THE PREHISTORIC EASTERN MEDITERRANEAN: INTERDISCIPLINARY STUDIES IN THE RECONSTRUCTION OF CONNECTIVITY

Time: Friday 2 Sept, 8:30 - 15:30

Format: Regular session

Organisers: Menelaou, Sergios (Archaeological Research Unit, University of Cyprus) - Oğuzhanoğlu, Umay (Department of Archaeology, Pamukkale University) - Kouka, Ourania (Archaeological Research Unit, University of Cyprus)

PAPERS

- 8:30** **RETHINKING PREHISTORIC BORDERS, CHALLENGING MODERN NARRATIVES: ISLANDNESS, SENSE OF PLACE, AND CONNECTIVITY IN THE EAST AEGEAN INTERFACE**
Menelaou, Sergios (University of Cyprus)
- 8:45** **RINGS OF THE SAME CHAIN? RECONSTRUCTING CULTURAL IDENTITIES IN THE MARITIME LANDSCAPES OF THE EAST AEGEAN ISLANDS AND WESTERN ANATOLIA**
Kouka, Ourania (University of Cyprus)
- 9:00** **A NODE BETWEEN THE MEDITERRANEAN AND THE AEGEAN: SOUTHWEST ANATOLIA IN EARLY AND MIDDLE BRONZE AGES**
Oguzhanoglu, Umay (Pamukkale University)
- 9:15** **DISCUSSION SLOT**
- 9:30** **AEGEAN-ANATOLIAN CULTURAL FUSION: DYNAMIC PATTERNS OF CONNECTIVITY, TECHNOLOGY TRANSFER AND APPROPRIATION AT ÇEŞME – BAĞLARARASI DURING THE MBA/LBA TRANSITION**
Sahoglu, Vasif (Ankara University) - Kiriati, Evangelia (British School at Athens) - Goodmann-Tchernov, Beverly (University of Haifa) - Çayır, Ümit (Sivas Cumhuriyet University) - Gündoğan, Ümit (Batman University) - Vettters, Melissa (University of Salzburg) - Choleva, Maria (British School at Athens) - Maltas, Tom (University of Oxford) - İncirli, Mustafa (Ankara University)
- 9:45** **WESTERN ANATOLIA DURING THE LATE BRONZE AGE: A CULTURAL LANDSCAPE ON THE SEARCH FOR IDENTITY**
Pieniazek, Magda (Universität Tübingen, Institut UFG)
- 10:00** **COASTAL AND INLAND WESTERN ANATOLIA DURING THE LATE BRONZE AGE: BORDERED OR CONNECTED?**
Kökner, Nuray Nisan (University of Cyprus-Mediterranean Archaeology)
- 10:15** **DISCUSSION SLOT**
- 11:00** **GRAVE NEW WORLD – COMPETITION, STATUS NEGOTIATION AND CONTROL IN THE LATE BRONZE AGE EAST AEGEAN-WEST ANATOLIAN BURIAL PRACTICES**
Frankovic, Filip (Institute for Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg)
- 11:15** **CHANGING VALUE OF SYRO-ANATOLIAN OBJECTS ACROSS TIME AND SPACE**
Denel, Elif (American Research Institute in Turkey)
- 11:30** **DISCUSSION SLOT**
- 11:45** **THE CREATIVE CULTURAL NEXUS OF KEROS**
Boyd, Michael (University of Cambridge, McDonald Institute for Archaeological Research; Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge) - Legaki, Irini (Ephorate of Antiquities of Cyclades) - Margaritis, Evi (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Gavalas, Giorgos (Ephorate of Antiquities of Cyclades) - Moutafi, Ioanna (Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens) - Georgakopoulou, Myrto (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Gkouma, Myrsini (Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute; Malcolm H. Wiener Laboratory for Archaeological Science, American School of Classical Studies at Athens; Faculty of History and Archaeology, National and Kapodistrian University of Athens) - Krijnen, Ayla (Vrije Universiteit Amsterdam, Department of Art & Culture, History, and Antiquity) - Floquet, Marie (Centre Camille Jullian, Aix-Marseille Université)

- 12:00** **BEYOND TECHNOLOGICAL TRANSFER AND LOCAL IDENTITY: ARCHITECTURAL, PROTO-URBAN, AND SOCIAL INNOVATION AT THE EARLY BRONZE AGE SETTLEMENT OF DHASKALIO (CYCLADES).**
Floquet, Marie (Centre Camille Jullian; Aix-Marseille Université) - Boyd, Michael (McDonald Institute for Archaeological Research; University of Cambridge) - Renfrew, Colin (McDonald Institute for Archaeological Research; University of Cambridge) - Herbst, James (American School of Classical Studies at Athens)
- 12:15** **CERAMIC EVIDENCE FOR AN INTERCONNECTED WORLD: THE KASTRI ASSEMBLAGE FROM THE NEW EXCAVATIONS AT DHASKALIO**
Dimitriou, Vasiliki (Department of Antiquities, University of Rome I) - Krijnen, Ayla (Vrije Universiteit Amsterdam, Department of Art and Culture, History and Antiquity) - Boyd, Michael (McDonald Institute for Archaeological Research, University of Cambridge; Science and Technology in Archaeology and Culture Research Center, The Cyprus Institute) - Renfrew, Colin (McDonald Institute for Archaeological Research, University of Cambridge)
- 12:30** **A NORTHERN POWERHOUSE: CERAMIC EVIDENCE FOR TECHNOLOGICAL AND SOCIAL TRANSFORMATION IN EARLY BRONZE AGE ATTICA, GREECE**
Tsai, Che-Hsien (Department of Archaeology, University of Sheffield) - Kaza-Papageorgiou, Konstantina (Hellenic Ministry of Culture) - Hein, Anno (Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos") - Madrid i Fernández, Marisol (Cultura Material i Arqueometria UB (ARQUB, GRACPE), Departament d'Història i Arqueologia, Universitat de Barcelona) - Day, Peter (Department of Archaeology, University of Sheffield; Institute of Nanoscience and Nanotechnology, N.C.S.R. "Demokritos")
- 12:45** **DISCUSSION SLOT**
- 14:00** **AT THE CROSS-ROAD BETWEEN MINOANS AND MYCENAEANS: THE RCT TABLETS FROM KNOSSOS AS A MODEL OF CULTURAL INTERACTION**
Pierini, Rachele (University of Copenhagen)
- 14:15** **THE CHALLENGES OF USING DIGITAL TECHNOLOGIES FOR UNDERSTANDING ANCIENT NETWORKS IN THE LYBIAN SEA: THE PERAIA PROJECT EXPERIENCE**
Laguna-Palma, David (Department of Prehistory and Archaeology, University of Granada)
- 14:30** **DISCUSSION SLOT**

POSTERS

- A.** **THE HANDMADE BURNISHED WARE PHENOMENON AND ITS CRETAN CONNECTION: A CERAMIC TECHNOLOGICAL APPROACH AT LATE MYCENAEAN CHANIA**
Fouriki, Stavroula (University of Sheffield)
- B.** **STRUCTURES OF LIFE AND DEATH THROUGH SPATIAL PLANNING AND BURIAL PRACTICES IN VOULA, ATTICA (GREECE)**
Christakopoulou, Olga - Giamalidi, Maria (Hellenic Ministry of Culture and Sports)

362 BALKAN ARCHAEOLOGY AS A LABORATORY: CHALLENGING OLD PARADIGMS AND EXPERIMENTING WITH NEW ONES

Time: Friday 2 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Heilmann, Daniela (LMU Munich) - Gori, Maja (Consiglio nazionale delle ricerche) - Penezić, Kristina (Biosense institute, University of Novi Sad)

PAPERS

- 14:00 THE FUTURE OF THE PAST: BALKAN ARCHAEOLOGY AS A LABORATORY**
Heilmann, Daniela (LMU Munich) - Gori, Maja (Consiglio nazionale delle ricerche) - Penezić, Kristina (Biosense institute, University of Novi Sad)
- 14:15 PLUS ÇA CHANGE? BALKAN ARCHAEOLOGY IN SEARCH OF IDENTITY**
Babic, Staša (Dept. of Archaeology, Faculty of Philosophy)
- 14:30 TYPOLOGY VS. TECHNOLOGY: THEORETICAL AND METHODOLOGICAL FRAMEWORKS FOR STUDYING TOOLS IN SERBIAN PREHISTORIC ARCHAEOLOGY**
Vitezovic, Selena (Institute of Archaeology, Belgrade)
- 14:45 IMPRESSA SHEEP: UNRAVELING OF EXPLOITATION OF CAPRINES DURING THE EARLY NEOLITHIC IN DALMATIA THROUGH PEPTIDE FINGERPRINTING**
Sierra, Alejandro (AASPE «Archéozoologie, Archéobotanique: Sociétés, Pratiques, Environnements» UMR 7209 CNRS MNHN) - Radovic, Sinisa (Croatian Academy of Sciences and Arts, Institute for Quaternary Palaeontology and Geology) - Presslee, Samantha (BioArCh, Dept of Archaeology, Environment Building, University of York; Department of Chemistry, University of York)
- 15:00 THE EARLY NEOLITHIC SETTLEMENT IN NORTHERN BANAT – THE SITES BUCOVA PUSTA IV AND MOVILA LUI DECIOV**
Krauss, Raiko (Institut für Ur- und Frühgeschichte und Archäologie, es Mittelalters) - Ciobotaru, Dan (Museum of the Banat, Timisoara)
- 15:15 EVALUATING THE IMPACT OF CHRONOMETRIC UNCERTAINTY IN DETECTING CHALCOLITHIC DISPERSALS IN EASTERN BALKANS AND LOWER DANUBE BASIN**
Popescu, Gabriel - Covătaru, Cristina - Lazăr, Cătălin (Research Institute of the University of Bucharest)
- 15:30 DISCUSSION SLOT**
- 16:30 MULTI-ISOTOPIC ($\Delta^{13}C$, $\Delta^{15}N$) APPROACH TO THE LIFE IN THE CHALCOLITHIC SITE OF GUMELNIȚA (ROMANIA)**
García-Vázquez, Ana (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB) - Balasescu, Adrian - Vasile, Gabriel - Golea, Mihaela ("Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest) - Radu, Valentin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB; National Museum of Romanian History, Bucharest) - Lazar, Catalin (ArchaeoSciences Division, Research Institute of the University of Bucharest - ICUB)
- 16:45 AN UNUSUAL ENEOLITHIC TRIPLE BURIAL FROM LOVAS, EASTERN CROATIA: ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL ASPECTS**
Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research, Croatia) - Franković, Filip (Institute of Prehistory, Protohistory and Near-Eastern Archaeology, Heidelberg) - Đukić, Ana (Archaeological Museum in Zagreb)
- 17:00 "WHAT DO YOU MEAN BY MIGRATION?" POSSIBLE ANSWERS AND WORKABLE MODELS FOR THE 3RD MILLENNIUM BC IN THE WESTERN BALKANS**
Gori, Maja (National Research Council of Italy)
- 17:15 THE RUSH FOR WHITE GOLD: BRIQUETAGE FROM THE VELEBIT LITTORAL AND BRONZE AGE SALT PRODUCTION ON THE EASTERN ADRIATIC COAST**
Domines Peter, Pio (Department of Archaeology, University of Zadar)

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- 17:30** **DAUNIAN GEOMETRIC POTTERY IN EASTERN ADRIATIC NETWORKS: CONTEXTUAL APPROACHES TO DIFFUSION, APPROPRIATION, AND EMULATION OF PRESTIGE GOODS**
Bernardo-Ciddio, Leah (University of Michigan)
- 17:45** **RECONCILING ARCHAEOLOGICAL THEORY WITH DATA: THE CASE OF IRON AGE/ARCHAIC MACEDONIA**
Giamakis, Christos (University of Sheffield)
- 18:00** **ASSEMBLING THE PUZZLE - THE HORIZON OF OSTENTATIOUS BURIALS IN THE IRON AGE BALKANS**
Heilmann, Daniela (LMU Munich)
- 18:15** **DISCUSSION SLOT**

367 AGENT-BASED MODELLING OF SOCIO-ECOLOGICAL SYSTEMS IN ARCHAEOLOGY. TOWARDS A NEW RESEARCH COMMUNITY

Time: Friday 2 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Daems, Dries (Middle East Technical University) - Verhagen, Philip (Vrije Universiteit Amsterdam) - Romanowska, Iza (Aarhus Institute of Advanced Studies)

PAPERS

- 16:30 TWO ABM APPROACHES TO THE SPREAD OF THE NEOLITHIC IN THE WESTERN MEDITERRANEAN**
Fort, Joaquim (Universitat de Girona)
- 16:45 POLISABM: MODELLING URBAN SYSTEMS AND SOCIAL COMPLEXITY IN THE EASTERN MEDITERRANEAN**
Daems, Dries (Middle East Technical University)
- 17:00 MODELLING HUNTING BEHAVIOR IN ARID LANDSCAPES USING EMPIRICAL DATA ON SAN HUNTER-GATHERER MOVEMENTS AND DECISION-MAKING**
Cobo Sánchez, Lucía - Paliou, Eleftheria - Lenssen-Erz, Tilman (University of Cologne)
- 17:15 DELINEATING SITE CATCHMENTS WITH AGENT-BASED MODELLING**
Romanowska, Iza (Aarhus University)
- 17:30 DEVELOPING BEST PRACTICES FOR AN OPEN LIBRARY OF ARCHAEOLOGICAL ABM MODULES: LESSONS LEARNED FROM OTHER INITIATIVES**
Angourakis, Andreas (Institute for Archaeological Studies, Ruhr University Bochum; McDonald Institute for Archaeological Research, University of Cambridge) - Riede, Felix (School of Culture and Society, Aarhus University) - Romanowska, Iza (Aarhus Institute of Advanced Studies, Aarhus University) - Verhagen, Philip (Vrije Universiteit Amsterdam) - Saqalli, Mehdi (GEODE, Université Toulouse II - Jean Jaurès) - Taelman, Devi (Department of History, Archaeology, Arts, Philosophy and Ethics, Vrije Universiteit Brussel) - Vlach, Marek (Institute of Archaeology of the Czech Academy of Sciences) - Sikk, Kaarel (Masaryk University) - Galán Ordax, José Manuel (Universidad de Burgos) - Brughmans, Tom (School of Culture and Society, Aarhus University)
- 17:45 SUBSISTENCE, SURPLUS AND TRADE ALONG THE LOWER GERMANIC LIMES: MODELLING RURAL-URBAN SOCIO-ECONOMIC INTERACTIONS**
Verhagen, Philip (Vrije Universiteit Amsterdam) - Romanowska, Iza (Aarhus Institute of Advanced Studies, Aarhus University)
- 18:00 MODELLING CHIEFDOM SOCIETIES OF THE MIDDLE DANUBE DURING THE ROMAN PERIOD**
Vlach, Marek - Komoróczy, Balázs (Institute of Archaeology of the Academy of Sciences of the Czech Republic Brno)
- 18:15 DISCUSSION SLOT**

371 POPULATION HISTORY AND COMMUNITY FORMATION IN EARLY MEDIEVAL EAST-CENTRAL EUROPE: INTEGRATING GENETIC, ISOTOPIC, ARCHAEOLOGICAL AND HISTORICAL PERSPECTIVES

Time: Friday 2 Sept, 8:30 - 18:00

Format: Regular session

Organisers: Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Koncz, István (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest) - Knipper, Corina (Curt-Engelhorn-Centre of Archaeometry, Mannheim)

PAPERS

8:30 INTRODUCTION

8:45 INTEGRATIVE ARCHAEOLOGICAL AND ARCHAEOGENOMIC DATABASE FOR STUDYING THE POPULATION HISTORY OF THE HUN PERIOD

Vyazov, Leonid (University of Ostrava) - Flegontov, Pavel (University of Ostrava Harvard University) - Işıldak, Ulaş (University of Ostrava; Middle East Technical University, Ankara) - Flegontova, Olga - Sagmanova, Gulnaz (University of Ostrava)

9:00 Y-CHROMOSOME ANALYSIS OF GOTHs FROM THE MASLOMECZ GROUP CEMETERIES IN SOUTHEASTERN POLAND

Golubinski, Michal - Baca, Mateusz - Molak, Martyna - Popović, Danijela (Centre of New Technologies, University of Warsaw) - Kokowski, Andrzej (Institute of Archeology, Maria Curie-Skłodowska University, Lublin) - Węgleński, Piotr (Centre of New Technologies, University of Warsaw)

9:15 DISCUSSION SLOT

9:30 SNAPSHOT INTO KINSHIP STRUCTURE AND POPULATION HISTORY OF A LATE AVAR-PERIOD COMMUNITY FROM GENOME-WIDE ANALYSES OF THE WHOLE RÁKÓCZIFALVA CEMETERY

Gnecchi Ruscone, Guido Alberto (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Rácz, Zsófia - Samu, Levente (Institute of Archaeological Sciences, Eötvös Loránd University) - Szeniczey, Tamás (Dept of Biological Anthropology, Eötvös Loránd University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Schmid, Magda (Kiel University) - Hajdu, Tamás (Dept of Biological Anthropology, Eötvös Loránd University) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University)

9:45 KINSHIP RELATIONS AND SPATIAL ORGANIZATION IN A LATE AVAR-PERIOD CEMETERY: ARCHAEOLOGICAL PERSPECTIVES ON THE RÁKÓCZIFALVA SITE (CENTRAL HUNGARY)

Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Gnecchi Ruscone, Guido Alberto (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Samu, Levente (Institute of Archaeological Sciences, Eötvös Loránd University) - Szeniczey, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Schmid, Magdalena M. E. (Kiel University) - Hajdu, Tamás (Department of Biological Anthropology, Eötvös Loránd University) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network, Budapest)

- 10:00 CHILDHOOD OF THE AVARS AND GEPIDS: RECONSTRUCTING DIET AND WEANING PRACTICES USING STABLE ISOTOPIC ANALYSIS AND MULTIPLE TISSUES**
Verostick, Kirsten (Department of Geology and Geophysics, University of Utah, Salt Lake City) - Hajdu, Tamás - Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University) - Farkas, Zoltán (Salisbury Ltd., Budaörs) - Dani, János (Déri Museum, Debrecen) - Bernert, Zsolt (Hungarian Natural History Museum, Budapest) - Masek, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Kovács, Péter (Department of Archaeology, Damjanich János Museum, Szolnok) - Hoppál, Krisztina (MTA-ELTE-SZTE Silk Road Research Group, Eötvös Loránd Research Network) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University)
- 10:15 DISCUSSION SLOT**
- 11:00 HOW ARCHAEOLOGY AND ANTHROPOLOGY CAN BUILD ON ADNA ANALYSES OF ENTIRE CEMETERIES**
Tobias, Bendeguz (Institute of Medieval Research, Austrian Academy of Sciences) - Berner, Margit - Pany-Kucera, Doris - Eggers, Sabine - Klostermann, Paul - Koger, Robin (Department of Anthropology, Natural History Museum Vienna) - Hofmanova, Zuzana - Wang, Ke (Max Planck Institute for Evolutionary Anthropology Leipzig) - Daim, Falko (Institute for Prehistory and Historic Archaeology - University of Vienna) - Pohl, Walter (Institute of Medieval Research, Austrian Academy of Sciences)
- 11:15 ANCIENT DNA REVEALS THE SETTLEMENT OF AVAR COMMUNITY IN LOWER AUSTRIA DURING EARLY MEDIEVAL PERIOD**
Wang, Ke (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Tobias, Bendeguz (Institute of Medieval Research, Austrian Academy of Sciences, Vienna) - Berner, Margit - Pany-Kucera, Doris (Department of Anthropology, Natural History Museum Vienna) - Ingrová, Pavlína (Department of Archaeology and Museology, Masaryk University, Brno) - Eggers, Sabine (Department of Anthropology, Natural History Museum Vienna) - Daim, Falko (Institute of Medieval Research, Austrian Academy of Sciences, Vienna) - Pohl, Walter (Department of Anthropology, Natural History Museum Vienna) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno)
- 11:30 BIOLOGICAL KINSHIP PATTERNS IN AN EARLY MEDIEVAL GRAVEYARD OF THE RHEINLAND AS PART OF THE FRANKISH KINGDOM**
Lacher, Laura - Schiffels, Stephan - Gretzinger, Joscha (Max Planck Institute for Evolutionary Anthropology) - Pääffgen, Bernd (Ludwig-Maximilians-Universität München) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology)
- 11:45 DISCUSSION SLOT**
- 12:00 POPULATION DYNAMICS AND HISTORY OF SOUTH MORAVIA DURING THE 2ND HALF OF THE 5TH AND THE 6TH CENTURIES AD**
Lokotová, Zuzana (Archeologický ústav AV ČR, Brno)
- 12:15 CONTINUITY AND DISCONTINUITY PRECEDING THE FORMATION OF GREAT MORAVIA IN POHANSKO REGION**
Zlámalová, Denisa (Masarykova univerzita) - Schultz, Illektra (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Lausanne) - Gneccchi-Ruscione, Guido - Traverso, Luca (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Dresler, Petr (Department of Archaeology and Museology, Masaryk University, Brno) - Přichystalová, Renáta - Morris, Sam (UCL Genetics Institute, University College London) - Macháček, Jiří (Department of Archaeology and Museology, Masaryk University, Brno) - Wegmann, Daniel (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Lausanne) - Hofmanová, Zuzana (Department of Archaeology and Museology, Masaryk University, Brno; Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 12:30 SLAVS OR MAYBE NOT? RADIOCARBON DATING OF CREMATED BONES FROM "PĀUCA - HUNGARIAN CHURCH SITE" (ROMANIA, SIBIU COUNTY)**
Tiplic, Ioan Marian (Lucian Blaga University of Sibiu)
- 12:45 DISCUSSION SLOT**

- 14:00 AN INTEGRATIVE GENETICS APPROACH FOR STUDYING DISEASE IN EARLY MEDIEVAL EUROPE**
Hiss, Alina - Gneccchi Ruscone, Guido - Traverso, Luca - Wang, Ke (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences, Vienna; Department of History, University of Vienna) - Geary, Patrick (Institute for Advanced Study, Princeton) - Hofmanová, Zuzana (Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Masaryk University, Brno) - Herbig, Alexander - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 14:15 WHAT WAS IT LIKE LIVING WITH LEPROSY IN THE AVAR AGE COMMUNITY OF KISKUNDOROZSMA–KETTŐSHATÁR I (HUNGARY)? – A CASE STUDY**
Spekker, Olga (Department of Biological Anthropology, University of Szeged; Institute of Archaeological Sciences, Eötvös Loránd University) - Tihanyi, Balázs (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Kis, Luca (Department of Biological Anthropology, University of Szeged; Department of Archaeogenetics, Institute of Hungarian Research, Budapest) - Szalontai, Csaba (Archaeological Heritage Protection Directorate, Hungarian National Museum, Budapest) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University) - Pálfi, György - Marcsik, Antónia - Molnár, Erika (Department of Biological Anthropology, University of Szeged)
- 14:30 POSTMARITAL RESIDENCE PRACTICES IN THE AVAR PERIOD EASTERN TRANSDANUBIA, HUNGARY**
Szeniczey, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University) - Kiss, Krisztián (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University; Department of Anthropology, Hungarian Natural History Museum) - Líbor, Csilla (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University, Budapest, Hungary; Szent István Király Museum) - Marcsik, Antónia (Department of Biological Anthropology, University of Szeged) - Hajnal, Zsuzsanna (Hungarian National Museum) - Szücsi, Frigyes (Szent István Király Museum) - Rácz, Zsófia (Department of Hungarian Medieval and Early Modern Archaeology, Institute of Archaeological Sciences, Eötvös Loránd University) - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University)
- 14:45 DISCUSSION SLOT**
- 15:00 COMPARATIVE ANALYSES OF SOCIOCULTURAL CHANGES AND GENETIC TRANSITIONS IN THE AVAR PERIOD SOUTHERN-TRANSDANUBIA**
Gyuris, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network; Department of Genetics, ELTE-Eötvös Loránd University, Budapest) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest; Institute of Archaeology, Research Center for Humanities, Eötvös Loránd Research Network, Budapest) - Hajnal, Zsuzsanna (Hungarian National Museum) - Szeniczey, Tamás (ELTE Department of Biological Anthropology, ELTE-Eötvös Loránd University, Budapest) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Mende, Balázs G. (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network) - Hofmanová, Zuzana (Department of Archaeology and Museology, Masaryk University, Brno; Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany) - Knipper, Corina (Curt-Engelhorn-Centre of Archaeometry, Mannheim) - Krause, Johannes (Max Planck Institute for Evolutionary Anthropology, Leipzig) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network)
- 15:15 DIETARY AND CULTURAL DIFFERENCES BETWEEN NEIGHBOURING COMMUNITIES: A CASE STUDY ON THE AVAR PERIOD CARPATHIAN BASIN**
Gulyás, Bence - Faragó, Norbert (ELTE) - Szenthe, Gergely (Hungarian National Museum)

15:30 THE ISSUE OF CONTINUITY OF POPULATION HISTORY BETWEEN 8-12TH CENTURIES IN CARPATHIAN BASIN BASED ON ARCHAEOGENETIC RESULTS OF FOUR CEMETERIES

Csáky, Veronika (Institute of Archaeogenomics, sResearch Centre for the Humanities, Eötvös Lóránd Research Network, Budapest) - Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gerber, Dániel (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Szőke, Béla (Institute of Archaeology, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest) - Merva, Szabina (Freelancer) - Évinger, Sándor (Department of Anthropology, Hungarian Natural History Museum, Budapest) - Líbor, Csilla (King St. Stephen Museum, Székesfehérvár) - Petkes, Zsolt (Gyula Siklósi Research Centre for the History of the City of Székesfehérvár) - Mende, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest; Institute of Archaeology, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Lóránd Research Network, Budapest)

15:45 DISCUSSION SLOT**16:30 POPULATION DYNAMICS IN THE ODER AND VISTULA BASINS AS INFORMED BY NOVEL GENOME-WIDE DATA**

Molak, Martyna - Goluibinski, Michal - Popović, Danijela - Baca, Mateusz - Węgleński, Piotr (University of Warsaw)

16:45 BIOARCHAEOLOGICAL STUDY OF MEDIEVAL POPULATIONS BETWEEN THE DNIEPER AND DNIESTER VALLEYS

Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gyuris, Balázs (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Gerber, Dániel (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Telnov, Nikolaj (Institute of Cultural Heritage, Academy of Sciences of Moldova, Kishinev) - Sinika, Vitalij - Kvitnytskyi, Maksym (Pridnestrovian State University named after T. G. Shevchenko, Tiraspol) - Komar, Oleksii (Institute of Archaeology, National Academy of Sciences of Ukraine, Kyiv) - Türk, Attila (Institute of Archaeological Sciences, Faculty of Humanities and Social Sciences, Pázmány Péter Catholic University, Budapest; Hungarian Prehistory Researchgroup, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest) - Mende, Balázs - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network - ELKH, Budapest)

17:00 DIVERSITY, COMMUNITY FORMATION, AND SOCIAL STRUCTURE IN THE EARLY MEDIEVAL CARPATHIAN BASIN – ARE WE THERE YET?

Szabó, Dóra (University of Exeter)

17:15 DISCUSSION SLOT**POSTERS****A. YOU EAT WHAT YOU HAVE - SOCIAL DIFFERENCE AND FOOD CONSUMPTION IN AN EARLY MEDIEVAL COMMUNITY**

Koncz, István - Faragó, Norbert (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest) - Pap, Ildikó (Savaria Museum, Szombathely) - Tugya, Beáta (Thúry György Museum, Nagykanizsa) - Tóth, Gábor (Department of Biology, Berzsényi Dániel Teacher Training Centre, Savaria University Centre, ELTE - Eötvös Loránd University, Szombathely) - Vida, Tivadar (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest) - Knipper, Corina (Curt-Engelhorn-Zentrum Archäometrie gGmbH, Mannheim)

B. POPULATION HISTORY OF EARLY MEDIEVAL UKRAINE

Saag, Lehti (University College London) - Utevska, Olga - Zadnikov, Stanislav - Shramko, Irina (V. N. Karazin Kharkiv National University) - Scheib, Christiana (University of Tartu; University of Cambridge) - Anastasiadou, Kyriaki - Kelly, Monica - Gilardet, Alexandre - Skoglund, Pontus (The Francis Crick Institute) - Thomas, Mark (University College London)

375 THE SOCIETAL IMPACTS OF CLIMATE CHANGES IN THE PAST – WHAT CAN HUNTER-GATHERER ARCHAEOLOGY CONTRIBUTE TO THE CURRENT DEBATE? [PAM]

Time: Friday 2 Sept, 16:30 - 18:30

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Grimm, Sonja (CRC 1266 Scales of Transformation; ZBSA - Centre for Baltic and Scandinavian Archaeology) - Nyland, Astrid (Museum of Archaeology, University of Stavanger) - Riede, Felix (School of Culture and Society, Aarhus University) - Wygal, Brian (Environmental Studies and Sciences, Adelphi University)

PAPERS

16:30 INTRODUCTION

16:36 CONTINUITY AND CHANGE AT THE MESOLITHIC-NEOLITHIC TRANSITION ON THE NORWEGIAN WEST COAST: INSIGHTS GAINED FROM PREHISTORIC DEMOGRAPHY AND CULTURAL EVOLUTION

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

16:42 RECONCILING LATE PLEISTOCENE ENVIRONMENTAL ARCHAEOLOGY IN ALASKA WITH THE FUTURE OF HUMANITY ON EARTH

Wygal, Brian (Adelphi University, New York)

16:48 DISCUSSION SLOT

17:06 WEATHER-WATER-MESOLITHIC WORLDS

Nyland, Astrid (Museum of Archaeology, University of Stavanger)

17:12 CLIMATE CHANGE AND ENVIRONMENTAL RISK PERCEPTION ON PREHISTORIC COASTAL COMMUNITIES

Fernández-López de Pablo, Javier (I.U. I en Arqueología y Patrimonio Histórico - INAPH, University of Alicante)

17:18 DISCUSSION SLOT

17:24 OUR HUNTER-GATHERER FUTURE? EVALUATING THE EFFICACY OF FORAGER-INSPIRED UNCIVILIZATION SCENARIOS FOR THE FUTURE OF HUMANITY UNDER CLIMATE CHANGE

Riede, Felix (Department of Archaeology and Heritage Studies Aarhus University)

17:30 USING THE GRAVETTIAN-SOLUTREAN TRANSITION TO CREATE AWARENESS OF CURRENT CLIMATE CHANGE: THE EXAMPLE OF PORTELA 2 (PORTUGAL) PUBLIC ARCHAEOLOGY ACTIONS

Gameiro, Cristina (UNIARQ - Lisbon University) - Carvalho, Vânia (Leiria Museum) - Gomes, Telmo (Leiria SMAS) - José, Cátia (Leiria Museum) - Lucena, Armando (Independent researcher)

17:36 DISCUSSION SLOT

388 TOWARDS AN OPEN PLATFORM FOR COMPUTER SIMULATIONS OF PAST SOCIO-ECOLOGICAL SYSTEMS

Time: Friday 2 Sept, 8:30 - 10:30

Format: Round table

Organisers: Verhagen, Philip (Faculty of Humanities, Vrije Universiteit Amsterdam) - Daems, Dries (Institute of Social Sciences, Middle East Technical University, Ankara) - Romanowska, Iza (Aarhus Institute of Advanced Studies) - Hinz, Martin (Institut für Archäologische Wissenschaften, Universität Bern)

Archaeologists are increasingly relying on computer simulations to reconstruct and understand past societies. They are successfully building and running simulations of agrarian production, trade, settlement development and movement, to name a few. The current state of the field, however, is characterised by idiosyncrasy and limited communication and integration of the community, hampering the ability of modellers to cumulatively build on each other's work. This is predominantly due to the lack of appropriate tools and platforms enabling closer integration.

To remedy this situation, the NAS2A project (Network for Agent-based modelling of Socio-ecological Systems in Archaeology) is developing an open library of model algorithms and code for modelling of socio-ecological systems in archaeology. It aims to redefine current practices in collaboration and synergy in modelling communities by developing an openly available and functional models library, offering a host of elements (modules, techniques, algorithms, how-to's/wikis etc.) as modular building blocks for elaborate and case-driven models and research questions.

In this first roundtable of the (proposed) EAA Community "Computational Modelling of Social-Ecological Systems (COMS)", we will present the results of the project's first results towards developing the necessary infrastructure and standards, and invite feedback from experts and the roundtable audience. In particular, we want to address the following questions:

- how can we ensure that model elements can be used for a wide range of research questions?
- how can we facilitate interaction, comparison and testing of models across platforms and programming languages?
- how can we achieve a sustainable infrastructure for this?
- and what more is needed to make simulation modelling accessible to a wider community of archaeologists?

Confirmed discussants:

- Felix Riede (Aarhus University)
- Maja Gori (Ruhr-Universität Bochum)

395 **MEDIEVAL STONE MONUMENTS: REUSE AND (RE)INTEGRATION**

Time: Friday 2 Sept, 8:30 - 12:30

Format: Regular session

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

PAPERS

8:30 **INTRODUCTION**

8:45 **LOST, FOUND, AND REMADE: THE REINTEGRATION OF EARLY MEDIEVAL STONE MONUMENTS AS LOCAL HERITAGE ON INISHARK ISLAND, IRELAND**

Lash, Ryan (University College Dublin)

9:00 **BUILDING WITH THE PAST. THE REUSE OF CARVED STONES IN EARLY MEDIEVAL GALICIA**

Sanchez-Pardo, Jose Carlos (University of Santiago de Compostela)

9:15 **DISCUSSION SLOT**

9:30 **REDUCE, RE-USE, RECYCLE: THE MANY FATES OF MEDIEVAL STONE CROSSES ON THE ISLE OF MAN**

Johnson, Andrew (Manx National Heritage)

9:45 **THE HISTORY BEHIND THE STONES OF "OUR LADY**

Hoxha, Zana (Institute of Albanology)

10:00 **THE CULTURAL AND RELIGIOUS RECYCLING OF STEĆCI**

Caval, Saša (Scientific-research center of the SAZU)

10:15 **DISCUSSION SLOT**

11:00 **LOST AND FOUND, THE HISTORY OF EPITAPH SCULPTURES FROM THE CHURCH IN KONTOP, POLAND**

Jasiak, Krzysztof - Gawroński, Jakub (Nicolaus Copernicus University in Toruń)

11:15 **THE REUSE AND REVITALIZATION OF FORTIFICATIONS IN KOSOVO (CASE STUDY: THE FORTRESS OF PRIZREN AND THE FORTRESS OF VUSHTRRI)**

Rama, Zana (Archaeological Institute of Kosovo)

11:30 **DISCUSSION SLOT**

401 TO USE OR NOT TO USE: 3D DOCUMENTATION IN FIELDWORK AND IN THE LAB [3D-ARCHAEOLOGY]

Time: Friday 2 Sept, 8:30 - 13:00

Format: Discussion session

Organisers: Hostettler, Marco (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Drummer, Clara (Orthodrone GmbH, Kiel) - Emmenegger, Lea (Freelancer) - Stäheli, Corinne (Institute of Archaeological Sciences, University of Bern)

PAPERS

8:30 INTRODUCTION

8:45 3D DOCUMENTATION OF MANY FACES

Janek, Tomáš - Souček, Josef (National Museum, Prague)

9:00 FAST AND ACCURATE DOCUMENTATION OF COMPLEX ARCHAEOLOGICAL FEATURES. CASE STUDY: A CHALCOLITHIC DWELLING BELONGING TO CUCUTENI CULTURE, NE ROMANIA

Brasoveanu, Casandra (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi) - Brunchi, Radu (Doctoral School, Faculty of History, Alexandru Ioan Cuza University of Iasi) - Tencariu, Felix-Adrian - Asăndulesei, Andrei (Arheoinvest Research Centre, Science Department, Institute of Interdisciplinary Research, Alexandru Ioan Cuza University of Iasi)

9:15 RE-EVALUATING THE FRAGMENTARY CULT STATUE AT KLEONAI, GREECE THROUGH 3D DOCUMENTATION AND STUDY

Levitan, Rebecca (University of California, Berkeley) - Levine, Evan (Brown University) - Öztürk, Hüseyin (University of Cincinnati) - Nenova, Denitsa (independent scholar)

9:30 WHEN 3D DOCUMENTATION CREATES EXCAVATION SLICES

Tamba, Robert - Pujol, Angels (GIRA association)

9:45 EXCAVATION IN 3D: CAN A 3D-VIEWER TOOL HELP TO UNDERSTAND AND PRESENT COMPLEX STRATIGRAPHY?

Pohl, Henrik - Dworsky, Cyril (Kuratorium Pfahlbauten) - Raab, Gerald - Wessling, Ronald (3D Studio Crazy Eye)

10:00 DISCUSSION SLOT

11:00 FROM A PENCIL TO THE 3D MODEL

Miszcz, Lukasz (Institute of Archaeology Jagiellonian University) - Ostrowski, Wojciech (Wars) - Papuci-Władyka, Ewdok-sia (Institute of Archaeology Jagiellonian University; University of Warsaw)

11:15 STRUCTURE FROM MOTION PHOTOGRAMMETRY APPLIED TO ARCHAEOLOGICAL EXCAVATIONS: PERSPECTIVES FROM A DECADE OF WORK AT THE MEMOLAB

Rouco Collazo, Jorge - Romero Pellitero, Pablo - Ramos Rodríguez, Blas - Valencia Jiménez, Isabel M^a (University of Granada)

11:30 HAND SCANNING ON THE SWEDISH WEST COAST: PROS, CONS, AND AN UNCERTAIN FUTURE

Skole, John (The Archaeologists, The National Historical Museums)

11:45 DISCUSSION SLOT

POSTERS

A. 3D DOCUMENTATION METHODOLOGY IN ARCHAEOLOGY. BENEFITS AND PROBLEMS IN THE STUDY OF THE MEGALITHIC NECROPOLIS OF LA LENTEJUELA (TEBA, SPAIN)

Vijande, Eduardo - Becerra Martín, Serafín - Muñoz Muñoz, Alejandro - Fernández Sánchez, Diego (Universidad de Cádiz) - Moreno Márquez, Adolfo (Universidad de Almería) - Gómez Sánchez, Leticia - Cantillo Duarte, Juan - Ramírez Amador, José - Pavón González, Laura (Universidad de Cádiz)

405 "THE GRASS IS ALWAYS GREENER ON THE OTHER SIDE?" THE BENEFIT OF THE LOCAL AND REGIONAL LITHIC RAW MATERIALS

Time: Friday 2 Sept, 14:00 - 16:00

Format: Discussion session

Organisers: Szilágyi, Kata (Kiel University, Institute of Pre- and Protohistoric Archaeology) - Werra, Dagmara (Polish Academy of Sciences, Institute of Archaeology and Ethnology, Unit for Prehistoric Flint Mining)

PAPERS

14:00 INTRODUCTION

14:15 PRESENCE OF CHOCOLATE FLINT AT THE NEOLITHIC ARCHAEOLOGICAL SITES SOUTH OF THE CARPATHIAN MOUNTAINS

Sudól-Procyk, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Werra, Dagmara (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Malak, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun) - Trela-Kieferling, Elżbieta (Archaeological Museum in Kraków) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences) - Manderá, Sara - Binnebesel, Hubert (Institute of Archaeology, Nicolaus Copernicus University in Torun)

14:30 TWO HUNDRED YEARS OF LITHIC RAW MATERIALS (DE-)VALUATION FROM THE MONS BASIN (4 200-2 200 BCE)

Collin, Jean-Philippe (Paris 1 University; Namur University)

14:45 PRELIMINARY RESULTS OF PROVENANCE STUDIES ON THE POLISHED STONE MATERIAL AT THE NEOLITHIC SITE OF ALSÓNYÉK

Szilágyi, Kata (Kiel University) - Szakmány, György - Sági, Tamás - Józsa, Sándor (Dept. of Petrology and Geochemistry, Eötvös Loránd University) - Szilágyi, Veronika (Centre for Energy Research) - Oláh, István (independent researcher) - Osztás, Anett (Institute of Archaeology, Research Centre for the Humanities)

15:00 DISCUSSION SLOT

424 ACTORS, NOT SPECTATORS. COMMUNITY REPRESENTATION IN ARCHAEOLOGY AND CULTURAL HERITAGE IN THE 21ST CENTURY

Time: Friday 2 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Beaulieu, Kiara - Thomas, Suzie (University of Antwerp) - Axelsen, Irmelin (University of Oslo) - Jamieson, Jordan (Mississaugas of the Credit First Nation)

PAPERS

14:00 INTRODUCTION

14:15 COMMUNITY-PARTICIPATORY ARCHAEOLOGY IN THE MATANUSKA WATERSHED, ALASKA

Krasinski, Kathryn (Adelphi University) - Seager-Boss, Fran - Wade, Angela (Chickaloon Village Traditional Council)

14:30 THE GOOD CREDIT INDIANS: ARCHAEOLOGY FROM AN INDIGENOUS PERSPECTIVE

Jamieson, Jordan (Mississauga of the Credit First Nation)

14:45 DECOLONISING ARCHAEOLOGY IN THE SCHOOL CURRICULUM

Godfrey, Evelyne (Uffington Heritage Watch)

15:00 DISCUSSION SLOT

15:15 ARE WE ASKING THE RIGHT QUESTIONS? LEARNING FROM METAL DETECTORISTS AND OTHER HOLDERS OF PORTABLE HERITAGE OBJECTS

Thomas, Suzie (University of Antwerp)

15:30 MATERIAL CULTURE IN A DIGITAL WORLD - ARCHAEOLOGY IN 280 CHARACTERS OR LESS

Jaffe, Gali (Freelance Lecturer/Researcher)

15:45 DISCUSSION SLOT

16:30 THE DISCREPANCY IN THE ONLINE AND REAL-LIFE RELATIONSHIPS BETWEEN ARCHAEOLOGISTS AND METAL DETECTORISTS

Bjerga, Ingvild (University of Oslo)

16:45 WHERE ARE THEY, WHO FOUND THEM, WHERE DID THEY GO AND DOES ANYONE CARE?: TWO INDIGENOUS COPPER ARTIFACTS IN ONTARIO

Beaulieu, Kiara (Universiteit Antwerpen)

17:00 DISCUSSION SLOT

POSTERS

A. THE IMPORTANCE OF COMMUNITY ENGAGEMENT WHILE RESEARCHING CILLÍNÍ (IRISH UNCONSECRATED CHILDREN'S BURIAL GROUNDS) IN RURAL COUNTY FERMANAGH

Mundt, Courtney (Queen's Univeristy Belfast)

426 FROM ISOTOPE RATIOS TO NARRATIVES: EXPLORING THE WAYS THAT BIOGEOCHEMICAL STUDIES ARE IMPACTING EURASIAN ARCHAEOLOGY

Time: Friday 2 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Kiss, Viktória (Institute of Archeology, Research Centre for the Humanities) - Pospieszny, Lukasz (School of Earth Sciences, University of Bristol) - Cavazzuti, Claudio (Department of History and Cultures, University of Bologna)

PAPERS

8:30 INTRODUCTION

8:45 WILD WOMEN OF THE HILLS OR CHATELLES FOR MARRIAGE? INTERPRETING FEMALE MOBILITY IN THE LINEARBANDKERAMIK (LBK) THROUGH STRONTIUM ISOTOPES

Bickle, Penny (University of York)

9:00 AN ISOTOPIC PERSPECTIVE ON "MOBILITY" DURING THE 3RD AND 2ND MILLENNIUM BC IN HUNGARY

Giblin, Julia (Quinnipiac University) - Dani, János (Déri Múzeum) - Fábíán, Szilvia (Hungarian National Museum) - Hajdu, Tamás (Eötvös Loránd University) - Köhler, Kitti - Kulcsár, Gabriella - Melis, Eszter (Institute of Archaeology Research Centre for the Humanities ELRN) - Szabó, Géza (Wosinsky Mór Museum) - Szeverényi, Vajk (Déri Múzeum) - Kiss, Viktória (Institute of Archaeology Research Centre for the Humanities ELRN)

9:15 SUBVERTING GRAND NARRATIVES? STRONTIUM ISOTOPES, ADNA, AND EQUESTRIAN MOBILITY IN THE BRONZE AGE

Kanne, Katherine (University of Exeter; Northwestern University)

9:30 TRANSFORMATIONS OF POPULATIONS AND LIFESTYLE IN THE 2ND MILLENNIUM B.C. IN THE GREAT HUNGARIAN PLAIN - A BIOARCHAEOLOGY PROJECT

Hajdu, Tamas (Eötvös Loránd University) - Szeniczey, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Fülöp, Kristóf (Research Centre for the Humanities, Institute of Archaeology) - McCall, Ashley (Independent Researcher) - Horváth, Anikó - Palcsu, László - Major, István - Molnár, Mihály (Isotope Climatology and Environmental Research Centre, Institute for Nuclear Research, Debrecen) - Dani, János (Déri Museum, Debrecen) - Kiss, Viktória (Research Centre for the Humanities, Institute of Archaeology)

9:45 MOBILITY IN THE EARLY/MIDDLE BRONZE AGE COMMUNITIES ALONG THE DANUBE IN CENTRAL HUNGARY BASED ON ISOTOPE DATA OF CALCINED BONES

Cavazzuti, Claudio (University of Bologna; University of Durham) - Csányi, Marietta (Damjanich János Múzeum, Szolnok) - Vicze, Magdolna (Hungarian National Museum) - Horváth, Anikó - Palcsu, László (ICER Centre, Institute for Nuclear Research) - Hajdu, Tamás (Eötvös Loránd University) - Lugli, Federico (Università di Bologna, Alma Mater Studiorum) - Cipriani, Anna (Università di Modena e Reggio Emilia) - Kiss, Viktória (Hungarian Academy of Sciences)

10:00 CHALLENGES AND LIMITATIONS OF THE BIOARCHAEOLOGICAL STUDY OF BELGIAN CREMATIONS FROM THE NEOLITHIC TO THE EARLY MEDIEVAL PERIOD

Snoeck, Christophe (Vrije Universiteit Brussel - VUB) - Capuzzo, Giacomo (Université Libre de Bruxelles - ULB) - Dalle, Sarah (Ghent University; Vrije Universiteit Brussel - VUB) - Hlad, Marta (Vrije Universiteit Brussel - VUB; Université Libre de Bruxelles - ULB) - Sabaux, Charlotte (Ghent University; Université Libre de Bruxelles - ULB) - Salesse, Kevin (Masaryk University, Brno) - Stamataki, Elisavet (Vrije Universiteit Brussel - VUB; Université Libre de Bruxelles - ULB) - Veselka, Barbara (Vrije Universiteit Brussel - VUB) - Vercauteren, Martine (Université Libre de Bruxelles - ULB) - De Mulder, Guy (Ghent University)

10:15 DISCUSSION SLOT

11:00 ANIMAL ISOTOPE NARRATIVES AND THE MORE-THAN-HUMAN PAST

Brusgaard, Nathalie (University of Groningen)

11:15 NEW INSIGHTS INTO LONG-TERM DIET IN NEOLITHIC SOUTHERN ITALY. A STABLE CARBON AND NITROGEN ISOTOPE APPROACH

Tafari, Mary Anne - Soncin, Silvia - Panella, Sofia (Sapienza University of Rome) - Robb, John (Cambridge University)

- 11:30 CHILDREN'S NUTRITION AND LIFESTYLE IN THE NEOLITHIC ACCORDING TO THE STABLE ISOTOPE ARCHAEOLOGICAL EXAMINATION IN THE EASTERN PART OF HUNGARY**
Somogyvári-Lajtár, Eniko (Institute of Archaeological Sciences, Eötvös Loránd University; Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences) - Demény, Attila - Gugora, Ariana (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences) - Hajdu, Tamás (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University) - Nagy, Emese (Déri Museum) - Pap, Ildikó (Department of Biological Anthropology, Faculty of Science, Eötvös Loránd University; Department of Biological Anthropology, Faculty of Science and Informatics, University of Szeged) - Anders, Alexandra (Institute of Archaeological Sciences, Eötvös Loránd University)
- 11:45 NEW RADIOCARBON DATES FROM THE USATOVO CULTURE SUGGEST A RE-EVALUATION OF THE CULTURE'S CHRONOLOGY**
Nikitin, Alexey (Grand Valley State University) - Lillie, Malcolm - Budd, Chelsea (Umeå University) - Potekhina, Inna - Ivanova, Svetlana (Institute of Archaeology, National Academy of Sciences of Ukraine) - Patterson, Nick (Broad Institute of Harvard and MIT) - Reich, David (Harvard Medical School; Harvard University)
- 12:00 NEOLITHIC DIETARY PRACTICES: COMPARISON OF STABLE ISOTOPES AND DENTAL MICROWEAR**
Kvetina, Petr (Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Drtikolova Kaupova, Sylva (Department of Anthropology, National Museum) - Jarosova, Ivana (Anthropos Institute, Moravian museum) - Hrnčir, Vaclav (Department Linguistic and Cultural Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Tvrdý, Zdenek (Anthropos Institute, Moravian museum) - Pokutta, Dalia (Department of Archaeology and Classical Studies, ARL Stockholm University) - Trampota, Frantisek (Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 12:15 TRACING NUANCED DIETARY PATTERNS: CARBON AND NITROGEN ISOTOPIC ANALYSIS OF BRONZE AND IRON AGE POPULATIONS OF THE GREAT HUNGARIAN PLAIN**
McCall, Ashley (Independent Researcher) - Gamarra, Beatriz (Institut Català de Paleoecologia Humana i Evolució Social - IPHES) - Carlson, Kellie Sara (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences, University of Vienna) - Csengeri, Piroska (Department of Anthropology, Hungarian Natural History Museum) - Domboróczki, László (Department of Archaeology, Herman Ottó Museum) - Kovács, Péter (Damjanich János Museum, Szolnok) - Szeniczey, Tamás (Department of Anthropology, Hungarian Natural History Museum; Institute of Archaeology, Research Centre for Humanities, Hungarian Academy of Sciences) - Dani, János (Déri Museum) - Hajdu, Tamás (Department of Anthropology, Hungarian Natural History Museum; Institute of Archaeology, Research Centre for Humanities, Hungarian Academy of Sciences) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna; Human Evolution and Archaeological Sciences, University of Vienna)
- 12:30 DIETARY DYNAMICS AND ANIMAL MANAGEMENT IN CENTRAL ASIAN STEPPE**
Varkuleviciute, Karolina (Institute for Pre- and Protohistory, Christian Albrechts University, Kiel; ROOTS Cluster of Excellence) - Makarewicz, Cheryl (Institute for Pre- and Protohistory, Christian Albrechts University, Kiel)
- 12:45 DISCUSSION SLOT**

427 PREHISTORIC HISTORIES: LINKING INDIVIDUAL AGENCY AND BROAD TRANSFORMATIONS

Time: Friday 2 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Polanyi, Tamas (Sandbox Archaeology) - Szeverényi, Vajk (Déri Múzeum)

PAPERS

16:30 INTRODUCTION

16:45 INTERREGIONAL INTERACTION IN THE EARLY BRONZE AGE CARPATHIAN BASIN: A BOTTOM-UP APPROACH

Szeverenyi, Vajk (Déri Múzeum)

17:00 CIRCUITS OF REPRODUCTION: THE OPPORTUNITIES AND POWER TO CHANGE IN BRONZE AGE SOCIETY

Polanyi, Tamas (Independent scholar)

17:15 TRANSFORMATIVE CHANGE IN BRONZE AGE TRANSYLVANIA

Quinn, Colin (Hamilton College)

17:30 CONTRASTING EXAMINATIONS OF THE FUNERARY ARCHAEOLOGY OF THE EVERYDAY AND THE ATYPICAL AS A SOLUTION FOR THE STRUCTURE: AGENCY IMPASSE

McSparron, Cormac - Murphy, Eileen (Queen's University Belfast)

17:45 "HANDS-FREE"! A NOVEL EMBODIED EXPERIENCE LED TO A COGNITIVE REVOLUTION – FINGERS!

Lindstrom, Torill Christine (University of Bergen) - Zubrow, Ezra (University at Buffalo; University of Toronto)

18:00 DISCUSSION SLOT

430 PERCUSSIVE OSSEOUS INDUSTRY A HUMAN REVOLUTION BETWEEN PRE-FORMATION AND WASTE SELECTION [PAM]

Time: Friday 2 Sept, 14:00 - 17:30

Format: Regular session

Organisers: Thun Hohenstein, Ursula (University of Ferrara) - Vettese, Delphine (IPH. Museum national histoire naturelle Paris) - Marín Hernando, Juan (IPHES)

PAPERS

14:00 INTRODUCTION

14:15 BONE FRAGMENTS OR NEANDERTHAL BONE TOOLS? INTERDISCIPLINARY RESEARCH ON FAUNAL ASSEMBLAGE FROM ABRIC ROMANÍ (CAPELLADES, SPAIN)

Mateo Lomba, Paula (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Cáceres, Isabel (Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art) - Marín, Juan (UMR-7194-Histoire Naturelle de l'Homme Préhistorique - HNHP, Museum National d'Histoire Naturelle; Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA) - Chacón, M. Gema (Institut Català de Paleoecologia Humana i Evolució Social - IPHES-CERCA; Universitat Rovira i Virgili, Departament d'Història i Història de l'Art; UMR-7194-Histoire Naturelle de l'Homme Préhistorique (HNHP), Museum National d'Histoire Naturelle) - Vallverdú, Josep - Saladié, Pamira (Institut Català de Paleoecologia 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)

14:30 FRESHNESS OF BONE-RETOUCHERS: AN EXPERIMENT TO DISCRIMINATE USE OF BONE WITH DIVERS DEGREE OF TIME EXPOSURE TO RETOUCH LITHIC TOOLS

Vettese, Delphine (Muséum national d'Histoire naturelle, Paris; University of Ferrara; Grupo EvoAdapta, Santander) - Arzarello, Marta - Muffillo, Brunella - Thun Hohenstein, Ursula (University of Ferrara)

14:45 A USEFUL TAXON. THE EXPLOITATION OF CERVIDAE LONG BONES AS RETOUCHERS IN THE MOUSTERIAN LEVELS OF RIPARO TAGLIENTE

Perez, Andrea (University of Trento) - Vettese, Delphine (IPH - Museum national histoire naturelle Paris) - Thun Hohenstein, Ursula (University of Ferrara)

15:00 RETOUCHE BONE TOOLS IN MIDDLE PALAEOOLITHIC LAYERS AT COMBE-GRENAL (DORDOGNE, FRANCE)?

Bernard, Emma (Doctorante, TRACES - UMR 5608) - Costamagno, Sandrine (Directrice de Recherche CNRS, TRACES - UMR 5608) - Discamps, Emmanuel (Chargé de recherche CNRS, TRACES - UMR 5608) - Faivre, Jean-Philippe (Chargé de recherche, PACEA - 5199) - Tartar, Élise (Chargé de recherche CNRS, TRACES - UMR 5608)

15:15 BEYOND DIET: THE ANALYSIS OF BONE AND ANTLER TOOLS AND THE ROLE OF DEER IN HUNTER-GATHERER GROUPS FROM SOUTHERN BRAZIL

Martinez Okumura, Maria Mercedes (University of Sao Paulo) - Mingatos, Gabriela (Federal University of Rio de Janeiro)

15:30 THE EARLIEST OCCURRENCE OF ANTLER HAMMERS IN THE EUROPEAN PALAEOOLITHIC RECORD. NEW DATA FROM SOUTHERN ITALY

Thun Hohenstein, Ursula - Muffillo, Brunella - Arzarello, Marta - Peretto, Carlo (University of Ferrara)

15:45 SMALL NEEDLE PRODUCTION AND USE DEVELOPMENT DURING NEOLITHIC PERIOD IN JORDAN

Abuhelaleh, Bellal (Al Hussein Bin Talal University)

16:30 DISCUSSION SLOT

437 REINTEGRATION IN MEDIEVAL ARCHAEOLOGY. MERC FORUM

Time: Friday 2 Sept, 14:00 - 16:00
Theme: 2. Reintegration
Format: Other - forum
Chair: Pluskowski, Aleks (University of Reading; MERC)

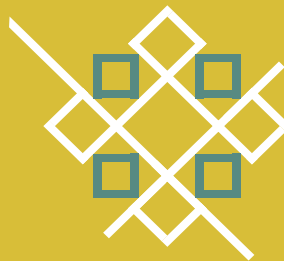
This year's MERC forum draws on one of the annual meeting's key themes – reintegration. Presentations from Central European medieval archaeology will address this theme from different perspectives, with an emphasis on interdisciplinarity and methodological reflections, including the reintegration of historical narratives into archaeological source material, as well as the role and reuse of different paradigms within medieval archaeology. The discussion will consider the theme more broadly, including processes of re-integration in the past and present. This aim of the forum is to highlight the contribution of medieval archaeology to understanding this key theme.

438 EUROPE'S MEDIEVAL PAST: A MANIFESTO. MERC ROUNDTABLE

Time: Friday 2 Sept, 16:30 - 18:30
Theme: 1. Archaeologists and Archaeology Here and Now
Format: Round table
Chair: Citter, Carlo (University of Siena; MERC)

The manifesto lays out our vision for a socially-engaged medieval archaeology, one with potential to enhance cultural value all across Europe. The document demonstrates the significance of the legacy and contemporary relevance of the medieval and early modern, and illustrates 'Why Medieval Archaeology Matters'. The Manifesto builds upon the Burra Charter and highlights the guiding principles needed to foster and develop social value in the context of medieval archaeology. Case studies that embody one or more of these guiding principles are presented as examples of best practice.





16 THE DAWN, APOGEE AND MODERN DEMISE OF KURGANS IN SOUTHEAST AND EAST-CENTRAL EUROPE

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Peto, Ákos (Hungarian University of Agricultural and Life Sciences) - Heyd, Volker (University of Helsinki, Department of Cultures, Archaeology) - Dani, János (Déri Museum, Debrecen) - Kulcsár, Gabriella (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology)

PAPERS

14:00 INTRODUCTION

14:15 BURIAL MOUNDS IN YAMBOL DISTRICT, BULGARIA

Valchev, Todor (Regional historical museum)

14:30 PATTERNS OF THE YAMNAYA CULTURE BARROW DISTRIBUTION IN THE NORTH-WEST PONTIC AREA

Topal, Denis (National Museum of History of Moldova)

14:45 MIDDLE DNIEPER AREA IN THE SYSTEM OF PIT-GRAVE RELICS

Syvopal, Mykhaylo (Cherkasy City Archaeological Museum)

15:00 EARLY BRONZE AGE BURIAL MOUNDS IN SOUTHEAST TRANSYLVANIA

Szász, Hajnal (Budapest History Museum)

15:15 KURGANS IN THE DEBRECEN AREA (NE-HUNGARY)

Dani, Janos (Déri Múzeum, Debrecen) - Tóth, Csaba (Debreceni Deák Ferenc Tehetségfejlesztő Középiskolai Szakkollégium) - Czirik-Gulyás, Tímea (Déri Múzeum, Debrecen)

15:30 DISCUSSION SLOT

16:30 ENEOLITHIC SANCTUARIES AND BRONZE AGE KURGANS IN THE PONTIC STEPPE AS MARKERS OF CLIMATIC SHIFTS

Nikitin, Alexey (Grand Valley State University) - Ivanova, Svetlana (Institute of Archaeology, National Academy of Sciences of Ukraine)

16:45 CULTURAL IDENTITY OF BARROWS IN EAST SLOVAKIA – XXTH CENTURY INVESTIGATIONS AND PRESENT-DAY PROSPECTIONS

Jarosz, Pawel (Institute of Archaeology an Etnology Polish Academy of Sciences) - Horváthová, Eva (Archeologický ústav SAV) - Podsiadło, Michał - Przybyła, Marcin (Dolmen S.C.) - Szczepanek, Anita (Institute of Archaeology an Etnology Polish Academy of Sciences; Collegium Medicum Jagiellonian University) - Włodarczak, Piotr (Institute of Archaeology an Etnology Polish Academy of Sciences)

17:00 LANDSCAPE ARCHAEOLOGICAL AND TOPOGRAPHICAL RESEARCHES ON PREHISTORIC KURGANS IN THE MAROS-KÖRÖS INTERFLUVE (HUNGARY AND ROMANIA)

Bede, Ádám - Valkó, Orsolya - Deák, Balázs ('Lendület' Seed Ecology Research Group, Institute of Ecology and Botany)

17:15 DISCUSSION SLOT

17:30 THE ROLE OF KURGANS IN GRASSLAND CONSERVATION - CASE STUDIES ON THE BIODIVERSITY POTENTIAL OF STEPPIC BURIAL MOUNDS

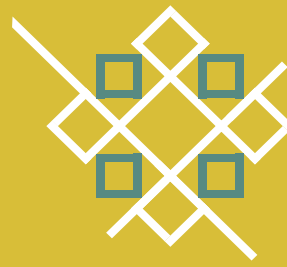
Deák, Balázs - Bede, Ádám - Valkó, Orsolya (MTA-ÖK 'Lendület' Seed Ecology Research Group)

17:45 COMPLEX PALEOENVIRONMENTAL STUDIES OF KURGANS IN THE CARPATHIAN BASIN

Peto, Ákos - Braun, Ádám (Hungarian University of Agricultural and Life Sciences) - Dani, János (Déri Museum, Debrecen) - Kulcsár, Gabriella (Eötvös Loránd Research Network, Research Centre for the Humanities, Institute of Archaeology)

18:00 GEOCHEMICAL ANALYSIS OF A BRONZE AGE KURGAN FROM THE WALLACHIAN PLAIN, ROMANIA

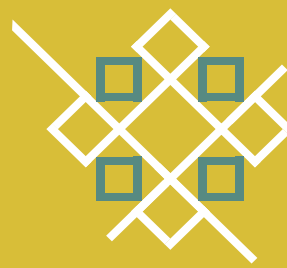
Braun, Ádám - Pető, Ákos (Hungarian University of Agriculture and Life Sciences, Institute of Nature Conservation and Environmental Management, Gödöllő) - Frînculeasa, Alin (Prahova District Museum of History and Archeology, Department of Archaeology) - Preda-Bălănică, Bianca - Heyd, Volker (University of Helsinki, Department of Cultures)



18:15 DISCUSSION SLOT

POSTERS

- A. KURGANS AS BIODIVERSITY HOTSPOTS IN AGRICULTURAL LANDSCAPES – RARE AND PROTECTED PLANT SPECIES ON THE MOUNDS OF THE TISZÁNTÚL, EAST-HUNGARY**
Deák, Balázs - Kelemen, András ('Lendület' Seed Ecology Research Group) - Tölgyesi, Csaba (University of Szeged, Department of Ecology) - Bede, Ádám - Valkó, Orsolya ('Lendület' Seed Ecology Research Group)
- B. LANDSCAPE HISTORICAL AND ECOLOGICAL CHARACTERIZATION OF THE MOGYORÓS-HALOM KURGAN (ÖCSÖD, HUNGARY)**
Bede, Ádám - Valkó, Orsolya - Deák, Balázs ('Lendület' Seed Ecology Research Group, Institute of Ecology and Botany)



35 WHERE'S MY TRIBE? DEVELOPING NEW APPROACHES TO CONNECTIVITY, MOBILITY AND COMMUNITY IN EARLY MEDIEVAL EUROPE AFTER THE ETHNIC PARADIGM

Time: Saturday 3 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Brownlee, Emma (University of Cambridge) - Klevnäs, Alison (Stockholm University) - Noterman, Astrid (Stockholm University; CESCO)

PAPERS

14:00 INTRODUCTION

Brownlee, Emma (University of Cambridge) - Klevnäs, Alison (Stockholm University) - Noterman, Astrid (Stockholm University; CESCO)

14:15 TELL ME WHAT YOU EAT AND I'LL TELL YOU WHO YOU ARE: NUTRITION AND IDENTITY IN EARLY MEDIEVAL ITALY

Barbiera, Irene (University of Padova)

14:30 LOOKING FOR ARCHAEOLOGICAL IDENTITY MARKERS IN THE NECROPOLIS OF EL CORTIJO DEL CHOPO (GRANADA)

Vallejo Casas, Elena (Universidad de Granada)

14:45 DISCUSSION SLOT

15:00 A NEW APPROACH TO THE RESEARCH ON EARLY MEDIEVAL POPULATIONS IN EAST-CENTRAL EUROPE: COLLECTIVE ACTION AND CULTURAL TRANSMISSION

Machacek, Jiri (Masaryk University, Brno)

15:15 THINK OUTSIDE THE ROW! THE EMERGENCE OF ROW-GRAVE CEMETERIES IN TRANSYLVANIA IN THE CONTEXT OF POST-HUNNIC TRANSITIONS: AN ARCHAEOLOGICAL PERSPECTIVE

Dobos, Alpár (National Museum of Transylvanian History - Cluj-Napoca)

15:30 CHALLENGING NARRATIVES OF CONTINUITY: EAST-CENTRAL EUROPE DURING THE AGE OF MIGRATIONS

Hanscam, Emily (Department of Cultural Sciences, Linnaeus University)

15:45 DISCUSSION SLOT

16:30 ANGLO-SAXON, ROMANO-BRITISH, OR BOTH: A RE-EXAMINATION OF IDENTITY AND MOBILITY THROUGH A MULTIPROXY ISOTOPIC ANALYSIS OF THREE SOUTHERN BRITISH CEMETERIES

Miller, Katherine (University of Bristol)

16:45 CATCHMENTS OF CLIENTSHIP AND COMMUNITY: EXPLORING LIFETIME MOBILITY AND CONNECTIVITY IN EARLY MEDIEVAL SCOTLAND

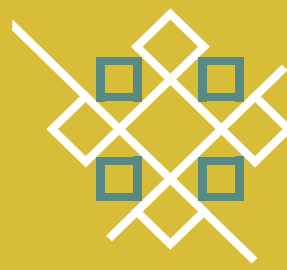
Britton, Kate - Czére, Orsolya - Fawcett, Jovita - Noble, Gordon (University of Aberdeen)

17:00 DISCUSSION SLOT

POSTERS

A. FORMAL AND SPATIAL DYNAMICS OF THE BURIAL RITE – ETHNICITY, RELIGION, OR SOCIO-ECONOMIC DEVELOPMENT?

Hladikova, Katarina (Comenius University, Faculty of Arts, Bratislava) - Hladík, Marek (Institute of Archaeology Czech Academy of Sciences, Brno)



45 BECOMING ROMAN: THE ROLE OF BIOLOGICAL RESOURCES IN THE EXPANSION OF NEW ECONOMIC AND CULTURAL MODELS THROUGHOUT THE EMPIRE

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Tereso, João (CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; BIOPOLIS Program in Genomics, Biodiversity and Land Planning; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; MHNC - UP - Natural History and Science Museum of the University of Porto; B-ROMAN Project PTDC/HAR-ARQ/4909/2020; Centre of Interdisciplinary Studies, University of Coimbra) - Detry, Cleia (Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Vaz, Filipe (CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; BIOPOLIS Program in Genomics, Biodiversity and Land Planning; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Peña-Chocarro, Leonor (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; GI Paleoeconomía y Subsistencia de las Sociedades Preindustriales, Instituto de Historia - IH-CSIC; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Valenzuela-Lamas, Sílvia (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; Archaeology of Social Dynamics, Milà i Fontanals Research Institute - ASD, IMF-CSIC; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020)

PAPERS

8:30 **BIOLOGICAL RESOURCES AND THE EXPANSION OF NEW ECONOMIC AND CULTURAL MODELS THROUGHOUT THE ROMAN EMPIRE: AN INTRODUCTION TO THE SESSION**

Tereso, João (Associação BIOPOLIS; CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; MHNC - UP - Natural History and Science Museum of the University of Porto; B-ROMAN Project PTDC/HAR-ARQ/4909/2020; Centre of Interdisciplinary Studies, University of Coimbra) - Detry, Cleia (Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Vaz, Filipe (Associação BIOPOLIS; CIBIO, Centro de Investigação em Biodiversidade e Recursos Genéticos; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Valenzuela-Lamas, Sílvia (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; Archaeology of Social Dynamics, Milà i Fontanals Research Institute - ASD, IMF-CSIC; Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon; B-ROMAN Project PTDC/HAR-ARQ/4909/2020) - Peña-Chocarro, Leonor (Spanish National Research Council-Consejo Superior de Investigaciones Científicas - CSIC; GI Paleoeconomía y Subsistencia de las Sociedades Preindustriales, Instituto de Historia - IH-CSIC; B-ROMAN Project PTDC/HAR-ARQ/4909/2020)

8:45 **APPROACHING WOODLAND MANAGEMENT DURING ANTIQUITY IN NE OF THE IBERIAN PENINSULA**

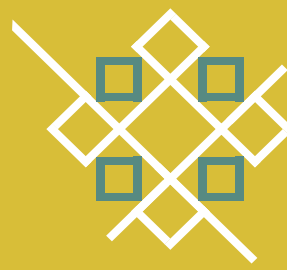
López Castillo, Eva María - López-Bultó, Oriol - Berrocal Barberà, Anna - Piqué Huerta, Raquel (Department of Prehistory, UAB) - Castanyer, Pere (Archaeological Museum of Catalonia-Empúries) - Pera, Joaquim (Department of Antiquities and Middle Age Studies) - Rodrigo, Esther (Department of Antiquities and Middle Age Studies) - Tremoleda Trilla, Joaquim (Department of History and History of Art from Universitat de Girona) - Frigola Torrent, Joan (Museu Arqueològic de Banyoles)

9:00 **COMBINED TRADITIONS: ARCHAEOZOOLOGY OF THE ROMAN-PERIOD-BURIALS IN POTZNEUSIEDL (BURGENLAND-AUSTRIA, 1ST-3RD CENTURIES AD)**

Saliari, Konstantina (Naturhistorisches Museum Wien) - Formato, Lucia (Österreichische Akademie der Wissenschaften)

9:15 **BIOLOGICAL RESOURCES (CROPS, WOOD AND ANIMALS) IN SANTARÉM (PORTUGAL) IN THE ROMANIZATION OF IBERIA'S SOUTH-WESTERN FAÇADE**

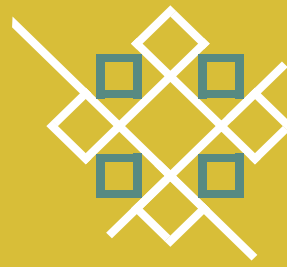
Costa Vaz, Filipe (CIBIO - University of Porto) - Detry, Cleia (UNIARQ - Centre for Archaeology University of Lisbon; School of Arts and Humanities - University of Lisbon) - Davis, Simon (DGPC - Directorate-General for Cultural Heritage; CIBIO - University of Porto) - Arruda, Ana - Viegas, Catarina (UNIARQ - Centre for Archaeology University of Lisbon; School of Arts and Humanities - University of Lisbon) - Tereso, João (CIBIO - University of Porto; UNIARQ - Centre for Archaeology University of Lisbon; Natural History and Science Museum - Univ. of Porto)



- 9:30 LANGUAGE AND DIET CHANGE DURING THE IRON AGE-ROMAN TRANSITION NE IBERIA: AN INTEGRATED STUDY OF CABRERA VALLEY (CATALONIA, SPAIN)**
Valenzuela-Lamas, Silvia (ArchaeologyHub.CSIC) - Nieto-Espinet, Ariadna (University of Lleida) - Sinner, Alejandro (University of Victoria)
- 9:45 COPING WITH THE PAX ROMANA. THE SUNKEN BYRE AND CHANGES IN THE AGRICULTURAL SYSTEM OF GERMANIA INFERIOR AND GALLIA BELGICA**
Van der Velde, Henk (ADC ArcheoProjecten)
- 10:00 THE FAUNAL REMAINS FROM CALLE ALMENDARALEJO AND DOMUS MITREO (MÉRIDA, SPAIN): ONE MORE PIECE IN THE PUZZLE**
Detry, Cleia (UNIQM/FLUL) - Heras Mora, Javier (Junta de Extremadura) - Bustamante-Álvarez, Macarena (Universidad de Granada)
- 10:15 DISCUSSION SLOT**
- 11:00 ZOOARCHAEOLOGICAL INSIGHTS ON THE INTEGRATION OF THE BALEARIC ISLANDS INTO THE ROMAN WORLD**
Valenzuela, Alejandro (Department of Historical Sciences & Art Theory, University of the Balearic Islands - UIB)
- 11:15 EVALUATING ROMAN INFLUENCE AT THE EDGE OF THE EMPIRE BY ZOOARCHAEOLOGICAL META-ANALYSIS**
Everett, Sarah (BioArCh, Department of Archaeology, University of York)
- 11:30 BETWEEN LIFE AND DEATH. INVESTIGATING FOOD AND FUEL IN THE EARLY IMPERIAL NECROPOLIS OF ST. ANTONI MARKET (BARCELONA, SPAIN)**
Tarongi, Miguel (Universitat de Lleida, Facultat de Lletres) - Bianco, Sabrina (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University of Barcelona, Faculty of Geography and History) - Alonso, Natàlia (Universitat de Lleida, Facultat de Lletres) - Allué, Ethel (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University Rovira and Virgili, Department of History and Art History) - Riera Mora, Santiago (University of Barcelona, Faculty of Geography and History) - Hinojo, Emiliano (Freelance archaeologist) - Miró i Alaix, Carme (Archaeological Service of Barcelona, responsible of Pla Bàrcino, Direcció de Memòria, Història i Patrimoni – Institut de Cultura - ICUB)
- 11:45 ROMAN FARMERS IN EASTERN IBERIA. SPATIAL, GEOARCHAEOLOGICAL AND BIOARCHAEOLOGICAL APPROACH TO AGRARIAN STRATEGIES**
Grau, Ignasi (University of Alicante) - Gutiérrez, Mario (University of Jaén) - Portillo, Marta (IMF-CSIC) - López-Sáez, Jose Antonio (CCHS-CSIC) - Gallelo, Gianni (University of València) - Sarabia, Julia (University of Alicante)
- 12:00 THE ANIMAL REMAINS FROM ROMAN LISBON: FOUR SITE STUDIES FROM OLISIPO**
Santos, Ana (UNIQM - Centro de Arqueologia da Universidade de Lisboa, FLUL – Faculdade de Letras da Universidade de Lisboa)
- 12:15 INVESTIGATING WOOD-FUEL USE IN BARCINO (BARCELONA, NE IBERIA): MULTI-SITES CHARCOAL ANALYSIS ALONG THE ROMAN CITY'S WALL AND MOAT (CC. 1ST-4TH CE)**
Bianco, Sabrina (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University of Barcelona, Faculty of Geography and History) - Picornell-Gelabert, Llorenç (University of Balearic Islands, ArqueoUIB research group, Department of Historic Sciences and Theory of Arts) - Allué, Ethel (Catalan Institute of Human Paleoeology and Social Evolution - IPHES-CERCA; University Rovira and Virgili, Department of History and Art History) - Riera Mora, Santiago (University of Barcelona, Faculty of Geography and History) - Miró i Alaix, Carme (Archaeological Service of Barcelona, responsible of Pla Bàrcino, Direcció de Memòria, Història i Patrimoni – Institut de Cultura - ICUB)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. BIOLOGICAL RESOURCES IN THE PALEOECONOMY OF HALMYRIS - A ROMAN SETTLEMENT IN SOUTHEAST ROMANIA**
Ștanc, Simina Margareta (Alexandru Ioan Cuza University of Iași) - Nuțu, George (Eco-Museum Research Institute of Tulcea) - Danu, Mihaela - Bejenaru, Luminița (Alexandru Ioan Cuza University of Iași)
- B. ARCHAEOZOOLOGICAL EVIDENCE ON EATING HABITS IN THE LIMES OUTPOSTS AT THE NORTH-WESTERN ROMAN FRONTIER OF DACIA POROLISSENSIS**
Malaxa, Daniel (Alexandru Ioan Cuza University of Iași; Iași Institute of Archaeology) - Cociș, Horațiu (Zalău County Museum of History and Art) - Ștanc, Simina (Alexandru Ioan Cuza University of Iași)



53 TECHNOLOGY, REGIONALISATION AND ENVIRONMENTAL ADAPTATION IN EUROPE AND BEYOND [PAM]

Room: R_E151

Time: Saturday 3 Sept, 8:30 - 10:30

Theme: 5. Climate Change and Socioenvironmental Perspectives

Format: Discussion session

Organisers: Meyer, Ann-Katrin (University of Hamburg) - Chaudesaigues-Clausen, Solveig (University of Bergen)

PAPERS

8:30 INTRODUCTION

8:45 THE NEW COOL THING - DIFFUSION OF A LITHIC TECHNOLOGY DURING THE MESOLITHIC IN NORTHERN EUROPE

Söderlind, Sandra (Museum Lolland-Falster)

9:00 REGIONAL FISHERIES IN LATE MESOLITHIC DENMARK: THE INTERPLAY OF FISH, PEOPLE, TECHNOLOGY, AND ENVIRONMENT

Ritchie, Kenneth - Astrup, Peter (Moesgaard Museum) - Robson, Harry (University of York) - Andersen, Søren (Moesgaard Museum)

9:15 DISCUSSION SLOT

9:30 IMPROVED AMS 14C-BASED CHRONOLOGY OF THE EARLY AND LATE HOLOCENE OSSEOUS IMPLEMENTS FROM BIRŽULIS LAKE AREA, WESTERN LITHUANIA

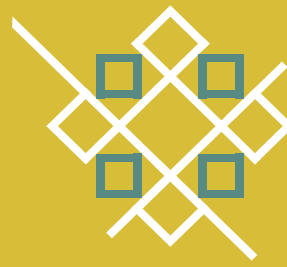
Iršenas, Marius - Rimkus, Tomas - Butrimas, Adomas (Vilnius Academy of Arts)

9:45 DISCUSSION SLOT

POSTERS

A. SEMIROM COUNTY (SOUTH OF IRAN) IN PREHISTORIC PERIODS, SETTLEMENTS AND POPULATION FLUCTUATIONS

Taheri, Mohammad Hossin (University of Tehran) - Khoshdast, Amir Hossein (Science and Research Branch Islamic Azad University)



90 THE TECHNOLOGY AND USE OF METALS IN THE PREHISTORIC EASTERN MEDITERRANEAN: RECENT ADVANCES THROUGH MICROSCALE ANALYSIS

Time: Saturday 3 Sept, 8:30 - 10:30

Format: Regular session

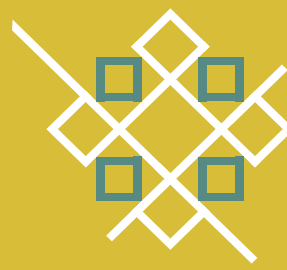
Organisers: Aulsebrook, Stephanie (University of Warsaw) - Ramé, Betty (ArScAn - Archéologie et Science de l'Antiquité - UMR 7041) - Martin, Valentine (University Paris 1 Panthéon-Sorbonne; ArScAn - Archéologie et Science de l'Antiquité - UMR 7041)

PAPERS

- 8:30 OF PEOPLE AND METALS: CROSS-MATERIAL MICROANALYSIS REVEALS USES OF PREHISTORIC DAGGERS**
Dolfini, Andrea - Caricola, Isabella (Newcastle University)
- 8:45 USING MICROSCOPY TO UNLOCK OBJECT BIOGRAPHIES: CASE STUDIES FROM LATE BRONZE AGE MYCENAE**
Aulsebrook, Stephanie (University of Warsaw)
- 9:00 MICROSCALE ANALYSIS ON THE FIRST METAL OF GREECE: A METHODOLOGICAL WAY TO RECONSTRUCT MANUFACTURING PROCESSES FOR NEOLITHIC METAL OBJECTS**
Martin, Valentine (University Paris 1 Panthéon-Sorbonne; UMR 7041 ArScAn)
- 9:15 DISCUSSION SLOT**
- 9:30 METAL OBJECTS FROM NORTHERN AEGEAN, GREECE: AN EBA HOARD FROM MESI GLYFADA SEA**
Nikolopoulou, Athina (National and Kapodistrian University of Athens; INN NCSR DEMOKRITOS) - Filippaki, Eleni (INN NCSR DEMOKRITOS)
- 9:45 PRELIMINARY RESULTS OF METALS RESEARCH FROM IRON AGE ASHDOD-YAM**
Mazis, Matasha (Technical University Darmstadt) - Fantalkin, Alexander (Tel Aviv University)
- 10:00 SHEDDING LIGHT ON EGYPTIAN MIRRORS: NEW INSIGHT INTO THEIR MANUFACTURE**
Thomas, Elizabeth (University of Liverpool; AHRC NWCDTP)
- 10:15 DISCUSSION SLOT**

POSTERS

- A. NON-DESTRUCTIVE AND NON-INVASIVE INVESTIGATIONS TO STUDY BRONZE AGE METALS FROM THE AEGEAN**
Giardino, Claudio - Zappatore, Tiziana (University of Salento) - Dell'Aquila, Daniele (Department of Chemistry and Pharmacy, University of Sassari; NFN-Southern National Laboratories, Catania)



93 BEYOND THE CHRONOLOGY AND PATHWAYS OF DISPERSAL: REASONING THE USE AND ABANDONMENT OF BROOMCORN MILLET CULTIVATION ACROSS EURASIA

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Motuzaite Matuzeviciūt KEEN, Giedre (Department of Archaeology, Vilnius University; Department of City Research, Lithuanian Institute of History) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Poznań; School of Earth Sciences, University of Bristol)

PAPERS

8:30 INTRODUCTION

8:45 THE USE OF MILLET BY THE SCYTHIAN SOCIETIES OF EASTERN EUROPE FOREST-STEPPE ZONE: A MARKER OF CULTURAL MIXING?

Dobrovol'skaya, Maria (-) - Nelubov, Sergey (-)

9:00 GRAINS AND SKELETONS: LIGHTS AND SHADOWS OF THE BROOMCORN MILLET CULTIVATION AND CONSUMPTION IN THE IBERIAN PENINSULA

Teira-Brión, Andrés (University of Oxford) - López-Costas, Olalla (Universidade de Santiago de Compostela)

9:15 ENVIRONMENTAL AND CULTURAL FACTORS IN THE USE OF BROOMCORN MILLET IN THE WESTERN HIMALAYAS

Spate, Michael - Betts, Alison (University of Sydney) - Yattoo, Mumtaz (University of Kashmir)

9:30 SUBSISTENCE STRATEGIES FROM VALDARO (MANTUA, ITALY) DURING THE ITALIAN PROTOHISTORY

Cortese, Francesca (Department of History, Humanities and Society, University of Rome Tor Vergata) - De Angelis, Flavio (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Bontempo, Luana (Edmund Mach Foundation, Food Quality and Nutrition Department – Traceability Unit) - Hirose, Mari (Complesso Museale di Palazzo Ducale di Mantova) - Lamanna, Leonardo (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Cremona, Lodi e Mantova) - Longhi, Cristina (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Bergamo e Brescia) - Rickards, Olga (Centre of Molecular Anthropology for Ancient DNA Studies, University of Rome Tor Vergata) - Rolfo, Mario (Department of History, Humanities and Society, University of Rome Tor Vergata)

9:45 RETHINKING GRAIN METRICS AS DOMESTICATION MEASURES: GRAIN SIZE VARIATIONS OF BROOMCORN AND FOXTAIL MILLET ACROSS ASIA, 5000-1500 BC

Sun, Yufeng - Liu, Xinyi (Washington University in St. Louis)

10:00 HOW THEY LIVED? A NOBLE GRAVE AT THE MIKULOV SITE

Šabatová, Klára (Masaryk University) - Snoeck, Christophe (Vrije Universiteit Brussel) - Baldovič, Marian (Comenius University) - Hajnalová, Mária (Constantine the Philosopher University Nitra) - Parma, David (Institute for Archaeological Heritage Brno) - Pospieszny, Łukasz (University of Bristol) - Trampota, František (Regional Museum in Mikulov) - Vargová, Lenka - Vymazalová, Kateřina (Masaryk University) - Jarošová, Ivana (Freelancer in anthropology)

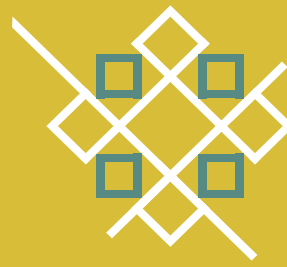
10:15 DISCUSSION SLOT

11:00 EXAMINING BROOMCORN MILLET CULTIVATION IN LITHUANIA IN THE 16TH-18TH CENTURIES

Lauzikas, Rimvydas (Vilnius University Faculty of Communication)

11:15 REVISITING THE PRESENCE OF MILLETS IN THE ARCHAEOLOGICAL RECORD

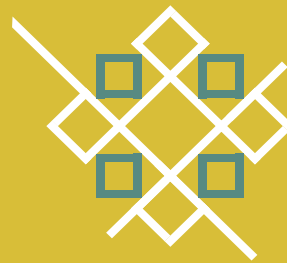
Lancelotti, Carla (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Jimenéz-Arteaga, Carolina (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Abro, Tasleem (Department of Archaeology, Shah Abdul Latif University) - Balossi, Francesca (Dipartimento di Scienze dell'Antichità dell'Università Sapienza di Roma) - D'Andrea, Catherine (Department of Archaeology, Simon Fraser University) - Ruiz-Giralt, Abel - Santiago-Marerro, Carlos (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra) - Usai, Donatella (Centro Studi Sudanese e Sub-Sahariani) - Madella, Marco (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA) - Chandio, Amin (Department of Archaeology, Shah Abdul Latif University)



- 11:30 WHEN DID THE COMMON MILLET BECOME COMMONLY EATEN? OLD AND NEW BOTANICAL AND ISOTOPIC EVIDENCE FROM NORTHERN CENTRAL EUROPE**
Pospieszny, Lukasz (Bristol Isotope Group, University of Bristol; Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Rennwanz, Joanna (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 11:45 PREHISTORIC GLOBALIZATION OF FOOD VALUES: EFFECTS OF CULTURAL CONDITIONS ON NON-NATIVE CULTIGENS**
Liu, Xinyi (Washington University in St. Louis)
- 12:00 DETECTION OF MILIACIN IN ARCHAEOLOGICAL DEPOSITS ILLUSTRATES THE EXTENT OF BROOMCORN MILLET CULTIVATION IN ANCIENT CENTRAL ASIA**
Motuzaite Matuzeviciute Keen, Giedre (Vilnius University; Lithuanian Institute of History) - Jacob, Jérémy (Laboratoire des Sciences du Climat et de l'Environnement, CEA-CNRS-UVSQ, Université Paris-Saclay) - Hermes, Taylor (Max Planck Institute for Evolutionary Anthropology) - Frachetti, Michael (Washington University in St. Louis)
- 12:15 INVESTIGATING THE USE OF BROOMCORN MILLET USING MOLECULAR AND COMPOUND-SPECIFIC STABLE CARBON ISOTOPIC ANALYSES OF POTTERY VESSELS**
Zhang, Mengyao - Roffet-Salque, Melanie (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Poznań; School of Earth Sciences, University of Bristol) - Evershed, Richard (Organic Geochemistry Unit, School of Chemistry, University of Bristol)
- 12:30 DISCUSSION SLOT**

POSTERS

- A. ORIGIN AND EVOLUTION OF MILLET CULTIVATION IN THE IBERIAN PENINSULA'S MEDITERRANEAN AREA (13TH CENTURY BC - 13TH CENTURY AD)**
Alonso, Natàlia (University of Lleida) - Pérez-Jordà, Guillem (University of València)



96 NEITHER RIVER NOR LAKE: HUMAN-MADE 'WATERSCAPES'. THE USE OF GROUND- AND RAINWATER IN NEOLITHIC TIMES

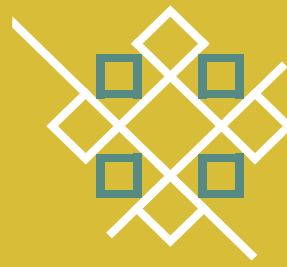
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Staeuble, Harald (Archaeological Heritage Office Saxony) - Pyzel, Joanna (University of Gdansk) - Vostrovská, Ivana (Palacký University Olomouc) - Tóth, Kristián (Dornay Béla Museum of Salgótarján)

PAPERS

- 16:30 WELL, WELL, WELL, WAS THE WATER SO PRECIOUS FOR EARLY AGRICULTURAL SOCIETIES?**
Tóth, Krisztián (Dornay Béla Museum) - Csengeri, Piroska - Hajdú, Melinda (Herman Ottó Museum)
- 16:45 WELLS AND WATER HOLES OF THE LBK IN KUYAVIA, CENTRAL POLAND**
Pyzel, Joanna (University of Gdansk) - Kittel, Piotr (University of Lodz) - Muzolf, Błażej (Museum of Archaeology and Ethnography in Lodz)
- 17:00 NEOLITHIC WELLS IN MORAVIA IN THE LIGHT OF RECENT ARCHAEOLOGICAL AND ENVIRONMENTAL RESEARCH**
Kalabková, Pavlína - Vostrovská, Ivana (Palacký University Olomouc)
- 17:15 DISCUSSION SLOT**
- 17:30 WHERE WAS THE WATER? GEOARCHAEOLOGICAL INVESTIGATIONS REGARDING THE FORMER GROUNDWATER TABLE OF EARLY NEOLITHIC WELLS IN NW-SAXONY**
Tinapp, Christian (Saxonian Heritage office)
- 17:45 CONSIDERATIONS ON THE SETTLEMENT PATTERN WITH WELLS IN THE EARLY NEOLITHIC SETTLEMENT AREA OF EYTHRA, SAXONY, GERMANY**
Staeuble, Harald (Archaeological Heritage Office Saxony)
- 18:00 IS ALL WELL? SEVEN PRESERVED WOODEN CONSTRUCTIONS FROM THE LBK-SITE DROSSDORF, LEIPZIG COUNTY, SAXONY, GERMANY**
Schell, Frank - Kretschmer, Saskia - Stäuble, Harald (Landesamt für Archäologie Sachsen / Archaeological Heritage Office Saxony)
- 18:15 DISCUSSION SLOT**



112 PREHISTORIC INTER-SOCIETAL DYNAMICS ALONG THE ATLANTIC FAÇADE II. NEOLITHIC TO THE IRON AGE

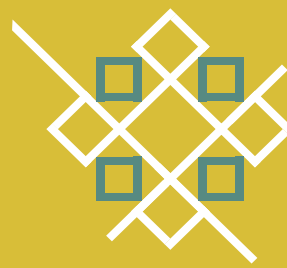
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Carrero-Pazos, Miguel (UCL Institute of Archaeology; University of Oviedo) - Higginbottom, Gail (Incipit, CSIC)

PAPERS

- 16:30 FROM BIG STONES TO A BIGGER PICTURE: THE DEVELOPMENT OF THE MEGALITHIC PHENOMENON IN NORTHWESTERN EUROPE**
Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel)
- 16:45 DOLMENS OF IBERIA: THE PLACE WHERE TECHNOLOGY, NATURE AND COSMOLOGY MEET**
Higginbottom, Gail (El Instituto de Ciencias del Patrimonio - Incipit, CSIC) - Cesar González-García, Cesar (Incipit, CSIC) - Vilas-Estévez, Benito (University of Vigo - Pontevedra; Abore Arqueoloxía) - Criado Boado, Felipe (Incipit, CSIC)
- 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 DISCUSSION SLOT**
- 17:30 TRACING CONNECTIONS ACROSS THE IRISH SEA – ORGANIC RESIDUE ANALYSIS OF MIDDLE AND LATE NEOLITHIC POTTERY FROM NORTH WALES**
Olet, Lilly - Evershed, Richard (University of Bristol - Organic Geochemistry Unit) - Smyth, Jessica (University College Dublin - School of Archaeology)
- 17:45 GOING NORTH: TIN, MOBILITY AND INTERACTION IN ATLANTIC IBERIA DURING THE LATE BRONZE AGE**
Rodríguez Corral, Javier (Departament of Prehistory and Archaeology, Universidad de Sevilla) - Rodríguez Rellán, Carlos (Department of Prehistory and Archaeology, University de Granada)
- 18:00 ZOOMORPHIC SCULPTURES FROM THE II IRON AGE IN THE IBERIAN PENINSULA-NEW CONTRIBUTIONS TO THE STUDY AND UNDERSTANDING OF THE PHENOMENON**
Soares, Inês (Mestre em Arqueologia e Território pela Faculdade de Letras da Universidade de Coimbra) - Osório, Marcos (Instituto de Arqueologia da Faculdade de Letras da Universidade de Coimbra, CEAACP)
- 18:15 DISCUSSION SLOT**



127 INTEGRATIONS, INTERACTIONS, AND INTERSECTIONS IN ISLAMIC ARCHAEOLOGIES OF AFRO-EURASIA

Time: Saturday 3 Sept, 8:30 - 15:30

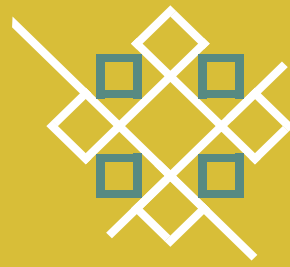
Format: Regular session

Organisers: Shingiray, Irina (University of Oxford) - Belyaev, Leonid (-) - Carvajal Lopez, Jose (University of Leicester) - Govantes Edwards, David (University of Córdoba)

PAPERS

- 8:30 THE UNBEARABLE LIGHTNESS OF AL-ANDALUS: POLITICS, ARCHAEOLOGY AND INTANGIBLE FRONTIERS**
Govantes Edwards, David (University of Córdoba)
- 8:45 NEW DIACHRONIC APPROACH AND THE ISLAMIZATION OF THE MOUNTAIN LANDSCAPE**
Berrica, Silvia (Universidad de Alcalá)
- 9:00 MOSQUES, OTHER PLACES OF WORSHIP, AND THE LANDSCAPE DURING EARLY ISLAM: ARCHAEOLOGICAL, EPIGRAPHIC, AND HISTORICAL PERSPECTIVES**
Nol, Hagit (Université libre de Bruxelles)
- 9:15 DISCUSSION SLOT**
- 9:30 NOMADS OF QATAR? THE EMERGENCE OF BEDOUIN COMMUNITIES IN THE PERSIAN-ARABIAN GULF**
Carvajal Lopez, Jose (University of Leicester)
- 9:45 MORE THAN MEETS THE EYE: EARLY ISLAMIC NOMADIC AND URBAN INTERACTIONS AND INTERSECTIONS IN THE NORTH CASPIAN STEPPE REGION**
Shingiray, Irina (University of Oxford)
- 10:00 BEYOND SULTANATES: MUSLIM NARRATIVES IN THE MEDIEVAL HORN OF AFRICA**
de Torres Rodríguez, Jorge - Cornax Gómez, Carolina (Incipit - Institute of Heritage Sciences)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOLOGY OF THE ITALIAN PRESENCE IN MEDIEVAL ISLAMIC MURCIA (12TH-13TH CENTURIES)**
Hernández Robles, Alicia - Eiroa Rodríguez, Jorge A. (University of Murcia) - Gómez Ródenas, Mariángeles (Servicio de Museos y Exposiciones. Dirección General de Bienes Culturales de Murcia) - Guillermo Martínez, Martín (Museo Teatro Romano de Cartagena)
- 11:15 INTEGRATION, INTERACTION AND INTERSECTION IN ISLAMIC CULTURE AT THE END OF XIII- XV CENTURY IN THE NORTH BLACK SEA AREA**
Biliaieva, Svitlana (Institute of Archaeology of National Academy of sciences of Ukraine; Uman State Pedagogical University)
- 11:30 ISLAMIC ARCHITECTURE AND DIVERSITY OF BURIAL RITES OF THE JOCHI KHAN MAUSOLEUM IN CENTRAL KAZAKHSTAN**
Usmanova, Emma (Buketov Karaganda University Saryarka Archaeological Institute) - Panyushkina, Irina (University of Arizona Laboratory of Tree-Ring Research Tucson) - Kozha, Mukhtar (Research Institute of Archeology of the H.A. Yasa-wi International Kazakh-Turkish University) - Uskenbay, Kanat (Institute for Humanitarian Studies, ABDI) - Dzhumabekov, Dzhambul (Buketov Karaganda University) - Akhatov, Gaziz (Margulan Institute of Archeology)
- 11:45 DISCUSSION SLOT**
- 12:00 UNDOCUMENTED VESSELS FROM THE NATIONAL MUSEUM OF ALEPPO**
Hamwi, Rahaf (Pázmány Péter Catholic University; Directorate General of Antiquities and Museums - Syria)
- 12:15 FROM THE BYZANTINE TO THE OTTOMAN CITY: THE INTEGRATION AND CONTINUITY OF URBAN CERAMIC PRODUCTION IN THESSALONIKI (THE 13TH-19TH CENTURIES)**
Živkovic, Jelena (The Cyprus Institute)
- 12:30 CONNECTION AND DISCONNECTION: RECONSTRUCTING ROUTS THROUGH AND BEYOND THE RANIA PLAIN, IN IRAQI KURDISTAN**
Németh, Fruzsina (Eötvös Loránd University)

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12:45 **DISCUSSION SLOT**

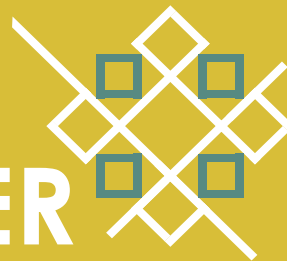
14:00 **OTTOMANS IN KAMIANETS-PODILSKYI**

Vynogradska, Larysa (Institute of Archaeology National Academy of Sciences Of Ukraine)

14:15 **PERSIAN STONE CARVERS IN THE 17TH CENTURY MOSCOW KREMLIN**

Belyaev, Leonid (-)

14:30 **DISCUSSION SLOT**



128 ABOVE AND AROUND 60 DEGREES NORTH: MOVEMENT OF IDEAS, PRACTICES, MATERIALS AND PEOPLE AD 300-1300

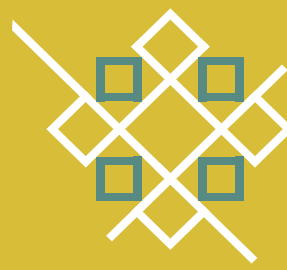
Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Hillerdal, Charlotta (University of Aberdeen) - Ilves, Kristin (University of Helsinki)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 NEW MATERIAL EVIDENCE TO MIGRATION FROM THE SIBERIAN NORTH TO THE TRANS-URALS**
Zelenkov, Alexander (-) - Matveeva, Natalia (-) - Tretjakov, Evgeniy (-)
- 9:00 INDICATIONS OF EASTERN CONTACTS IN LATE IRON AGE NORTHERN SWEDEN**
Hillerdal, Charlotta (Department of Archaeology, St. Marys Building, University of Aberdeen)
- 9:15 PASTORAL GRAVE GOODS IN CENTRAL SWEDEN DURING THE VIKING AGE AND THEIR IMPLICATIONS**
Rose, Samantha (University of Aberdeen)
- 9:30 IDENTIFYING LOCAL CERAMIC 'FINGERPRINT' THROUGH GEOCHEMICAL ANALYSIS ON ÅLANDIC LATE IRON AGE POTTERY**
Holmqvist-Sipilä, Elisabeth - Ilves, Kristin (University of Helsinki)
- 9:45 CLAY PAW BURIAL RITE OF THE ÅLAND ISLANDS AND THE MEANING OF CLAY**
Ilves, Kristin - Holmqvist, Elisabeth (University of Helsinki)
- 10:00 DISCUSSION SLOT**
- 11:00 WHAT STABLE ISOTOPES TELL ABOUT THE EARLY MEDIEVAL PEOPLE BURIED INTO THE LUISTARI SITE IN FINLAND?**
Etu-Sihvola, Heli (Laboratory of Chronology, University of Helsinki) - Salo, Kati (University of Helsinki) - Arppe, Laura (Laboratory of Chronology, University of Helsinki)
- 11:15 ADAPTATION OF CULTURAL FEATURES IN A DECENTRALIZED NETWORK – BURIAL PRACTICES OF NORTHERN FENNOSCANDIA BETWEEN 9TH AND 16TH CENTURIES AD**
Puolakka, Hanna-Leena (University of Oulu) - Kuusela, Jari-Matti (The Regional Museum of Lapland)
- 11:30 MEDIEVAL MOVEMENTS ALONG THE FJORD AND BEYOND IN ARCTIC ICELAND**
Harrison, Ramona (University of Bergen)
- 11:45 MIGRATION, SETTLEMENT STRATEGIES AND MARITIME RELATIONS IN NW ICELAND DURING THE VIKING AGE**
Guðmundsdóttir, Lísabet (Institute of Archaeology Iceland) - Ramstad, Morten (University Museum of Bergen)
- 12:00 THE BASILICA OF EDSLESKOG - THE OLDEST BRICK BUILDING IN MEDIEVAL SWEDEN**
Lazarides, Anton - Mühlenbock, Christian - Beckman, Anna (Lödöse museum)
- 12:15 DISCUSSION SLOT**



149 INTERACTIONS, INNOVATION AND COMMUNICATION IN THE LATE NEOLITHIC AND COPPER AGE

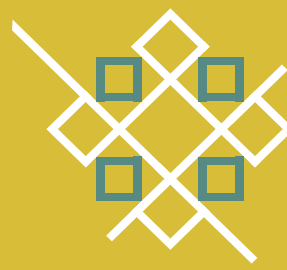
Time: Saturday 3 Sept, 8:30 - 18:30

Format: Regular session

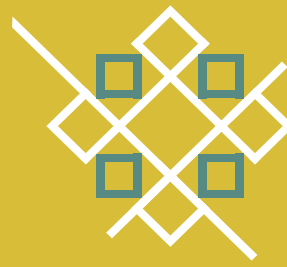
Organisers: Siklósi, Zsuzsanna (Eötvös Loránd University) - Hofmann, Daniela (University of Bergen) - Szilágyi, Márton (Eötvös Loránd University)

PAPERS

- 8:30 INTRODUCTION: INTERACTIONS, INNOVATION AND COMMUNICATION IN THE LATE NEOLITHIC AND COPPER AGE**
Siklósi, Zsuzsanna (Eötvös Loránd University) - Hofmann, Daniela (University of Bergen) - Szilágyi, Márton (Eötvös Loránd University)
- 8:45 INNOVATIONS AND INTERACTIONS IN THE LATER NEOLITHIC FROM THE DNIEPER TO THE VOLGA**
Vybornov, Alexander (-) - Doga, Natalya (-) - Kulkova, Marianna (-)
- 9:00 WHERE THE WILD THINGS ARE**
Csippán, Péter (Eötvös Loránd University) - Tóth, Zsuzsanna (Hungarian National Museum)
- 9:15 PATTERNS OF CULTURAL INTERACTION AND GROUP IDENTITY FORMATION AS REFLECTED BY A LATE NEOLITHIC COMMUNITY IN THE MIDDLE TISZA REGION**
Sebok, Katalin - Csippán, Péter - Faragó, Norbert (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Hajdu, Tamás - Köhler, Kitti (Department of Biological Anthropology, Eötvös Loránd University, Budapest) - Kreiter, Attila (Laboratory for Applied Research, Hungarian National Museum, Budapest) - Mörseburg, Alexander (Department of Archaeology and Anthropology, University of Cambridge, Cambridge) - Siklósi, Zsuzsanna (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Tóth, Zsuzsanna (Hungarian National Museum, Budapest)
- 9:30 PERIPHERY AND THE CENTRE: SOUTHEASTERN ALPS IN THE FIFTH MILLENNIUM BC**
Mlekuž Vrhovnik, Dimitrij (University of Ljubljana; Institute for the protection of the cultural heritage of Slovenia)
- 9:45 WE TURNED OUR GAZE FROM THE CASTLES IN THE DISTANCE: MAGNETIC PROSPECTION AT BODROGKERESZTÚR SITES IN SOUTHEASTERN HUNGARY**
Ridge, William (University of Illinois at Chicago) - Sarris, Apostolos ("Sylvia Ioannou" Chair for Digital Humanities, University of Cyprus)
- 10:00 THE FAINT TRACES OF AN ECONOMIC AND POLITICAL HUB AT 4000 BCE IN CENTRAL EUROPE**
Gronenborn, Detlef - Antunes, Nicolas (Leibniz Reserach Institute for Archaeology - RGZM)
- 10:15 DISCUSSION SLOT**
- 11:00 CONNECTIONS AND INTERACTIONS: LASINJA CULTURE AND ITS NEIGHBORS**
Cataj, Lea (Croatian Conservation Institute)
- 11:15 DISTRIBUTION OF RAW MATERIALS OF THE CHIPPED STONE INDUSTRY DURING THE 5TH MILLENNIUM BC IN THE MORAVA RIVER BASIN**
Trampota, Frantisek (Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 11:30 CONNECTING FRAGMENTS. BAVARIAN LATE NEOLITHIC POTTERY AND ITS NETWORKS**
Szilágyi, Márton (Eötvös Loránd University) - Dunne, Julie (University of Bristol) - Helfert, Markus (Goethe University Frankfurt) - Ramminger, Britta (University of Hamburg) - Hofmann, Daniela (University of Bergen)
- 11:45 BETTER THAN OUR NEIGHBOURS? THE RIEDLING ENCLOSURE AS A SIGNIFICANT PLACE IN THE YOUNGER NEOLITHIC**
Hofmann, Daniela (University of Bergen) - Szilágyi, Marton (Eotvos Lorand University Budapest) - Griffiths, Seren (Manchester Metropolitan University) - Husty, Ludwig (Kreisarchaeologie Straubing-Bogen)
- 12:00 DEPOSITIONAL PRACTICES AT THE RONDEL-TYPE ENCLOSURE OF STAMBOLIYSKI IN BULGARIAN THRACE**
Katsarov, Georgi - Nikolova, Nikolina - Tsurev, Atanas - Bacvarov, Krum (National Institute of Archaeology & Museum, Bulgarian Academy of Sciences)



- 12:15 A QUANTITATIVE EXPLORATION OF FUNERARY ASSEMBLAGES AS AN ARCHIVE OF MORTUARY INEQUALITY IN THE CHALCOLITHIC**
Brummack, Sven (Freie Universität Berlin)
- 12:30 DISCUSSION SLOT**
- 14:00 THE RISE OF METALLURGY AND 7000 YEARS OF ANTHROPOGENIC METAL POLLUTION IN SOUTHEASTERN EUROPE**
Veres, Daniel (Romanian Academy, Institute of Speleology, Cluj-Napoca) - Longman, Jack (Marine Isotope Geochemistry, Institute for Chemistry and Biology of the Marine Environment - ICBM, University of Oldenburg) - Chauvel, Catherine (Institut de Physique du Globe de Paris, University of Paris, CNRS) - Tamas, Calin (Faculty of Biology and Geology, University Babeş Bolyai) - Haliuc, Aritina (Romanian Academy, Institute of Speleology, Cluj-Napoca) - Gogaltan, Florin (Institutul de Arheologie al Academiei, Cluj-Napoca)
- 14:15 FIFTH MILLENNIUM BC MINIATURE CERAMIC BOTTLES FROM THE SOUTH-EASTERN PREALPS AND CENTRAL BALKANS: THE RESULTS OF THE MULTI-DISCIPLINARY STUDY**
Kramberger, Bine (Institute for the protection of cultural heritage of Slovenia) - Berthold, Christoph (Eberhard Karls Universität Tübingen, Competence Center Archaeometry – Baden-Wuerttemberg CCA-BW) - Spiteri, Cynthianne (Eberhard Karls Universität Tübingen, Institute of Prehistory, Early History and Medieval Archaeology)
- 14:30 SHAPING THE METAL. NEW WAVES OF DEVELOPMENT IN THE ENEOLITHIC PERIOD IN THE KODŽADERMEN-GUMELNIŢA-KARANOVO VI AREA**
Darie, Adelina (Bucharest Municipality Museum) - Lazăr, Cătălin (Research Institute of the University of Bucharest - ICUB, University of Bucharest)
- 14:45 SPREAD OF THE PRODUCTS AND TECHNOLOGY OF METALLURGY VIA THE CARPATHIAN BASIN IN THE 5TH MILLENNIUM BCE**
Siklósi, Zsuzsanna (Eötvös Loránd University) - Virág, Zsuzsanna (Budapest History Museum) - Villa, Igor (Institute of Geology, University of Bern; Centro Universitario Datazioni e Archeometria, Università di Milano Bicocca) - Mozgai, Viktória - Bajnóczi, Bernadett (Institute for Geological and Geochemical Research, Research Centre for Astronomy and Earth Sciences, Eötvös Loránd Research Network - ELKH) - Hornok, Péter (Vas County Government Office Department of Construction and Heritage Protection) - Kiss, Péter (Savaria Museum) - Kraus, Dávid - Tóth, Márton (Budapest History Museum)
- 15:00 PROVENANCE, CHRONOLOGY AND POSSIBLE DISTRIBUTION ROUTES OF THE EARLY ENEOLITHICAL COPPER ARTEFACTS FROM LESSER POLAND. NEW FACTS, NEW INTERPRETATIONS**
Wilk, Stanislaw (Jagiellonian University in Krakow, Institute of Archaeology; The Karkonosze Museum in Jelenia Góra) - Stos-Gale, Zofia (University of Gothenburg Department of Historical Studies: Archaeology) - Schwab, Roland (Curt-Engelhorn-Centre of Archaeometry gGmbH) - Sych, Dawid (Independent Researcher)
- 15:15 A MISSED INNOVATION OR A COLLAPSED NETWORK? A "NEW" COPPER HOARD FROM NEUENKIRCHEN (NORTH-EASTERN GERMANY)**
Skorna, Henry (Institut fuer Ur- und Fruehgeschichte Kiel; Cluster of Excellence Roots, Kiel University)
- 15:30 THE LITTLE COOPER AGE OF SOUTHERN SCANDINAVIA**
Johannsen, Niels (University Of Aarhus, Section For Anthropology)
- 15:45 DISCUSSION SLOT**
- 16:30 RECENTLY DISCOVERED MIDDLE COPPER AGE SETTLEMENT IN BUDAPEST**
Kraus, David - Virág, Zsuzsanna - Tóth, Márton (Budapest History Museum) - Siklósi, Zsuzsanna (Eötvös Loránd University)
- 16:45 INTERDISCIPLINARY ANALYSES OF LATE COPPER AGE CEMETERIES FROM SOUTHERN TRANS-DANUBIA (HUNGARY)**
Gerber, Dániel (Institute of Archaeogenomics, RCH, ELKH, Budapest) - Jakucs, János - Rácz, Piroška (Institute of Archaeology, RCH, ELKH, Budapest) - Somogyi, Krisztina - Honti, Szilvia (Rippl-Rónai Museum, Kaposvár) - Mende, Balázs (Institute of Archaeogenomics, RCH, ELKH, Budapest) - Bondár, Mária (Institute of Archaeology, RCH, ELKH, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, RCH, ELKH, Budapest)



17:00 „THERE AND BACK AGAIN” – FROM PITS TO THE ECONOMY. SITE-BASED RESEARCH IN THE LATE COPPER AGE, CARPATHIAN BASIN

Rajna, András (Ferenczy Museum Center) - Fábrián, Szilvia - Berente, Zoltán - Czifra, Szabolcs - Klinga, Flóra (Hungarian National Museum) - Marton, Tibor (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Priskin, Anna (Museum Déri, Debrecen)

17:15 LIVING WITH CATTLE IN THE ENEOLITHIC OF EASTERN CROATIA

Pasaric, Maja (Institute of Ethnology and Folklore Research)

17:30 INVENTIONS, INNOVATIONS AND THE ORIGINS OF SPELT WHEAT

Lechterbeck, Jutta (Arkeologisk Museum University of Stavanger) - Kerig, Tim (Roots CAU Kiel) - Bevan, Andrew (Institute of Archaeology University College London)

17:45 DISCUSSION SLOT

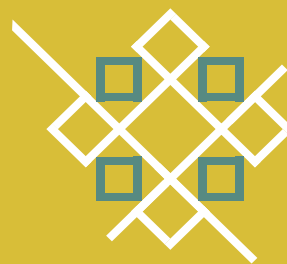
POSTERS

A. A UNIQUE MEGALITHIC FIND FROM THE GREAT HUNGARIAN PLAIN

Bóka, Gergely (HNM) - Gyucha, Attila (University of Georgia)

B. THE DIETARY IMPACT OF THE YAMNAYA HORIZON ON CONTEMPORARY AGRICULTURALIST POPULATIONS IN THE BALKANS

Sandoval, Elena (University of Bristol; YMPACT project)



161 PERIPHERAL REGIONS IN THE PREHISTORY OF TEMPERATE EUROPE

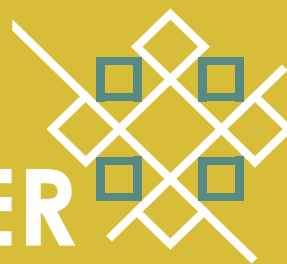
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Vondrovský, Václav (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Ptáková, Michaela (University of South Bohemia) - Pechtl, Joachim (University of Innsbruck)

PAPERS

- 16:30** **PREHISTORIC RURAL SETTLEMENT CONTINUITY ON THE NORTHERN FRANCONIAN JURA. ARCHAEOLOGICAL AND GEOARCHAEOLOGICAL INSIGHTS FROM THE SITE „GÖRAUER ANGER“ (BAVARIA, GERMANY)**
Seregély, Timo (Pre- and Protohistoric Archaeology, University of Bamberg) - Kothieringer, Katja (Digital Geoarchaeology, University of Bamberg)
- 16:45** **NEOLITHIC SETTLEMENT ON THE PERIPHERAL AREAS OF LOESS UPLANDS NORTH OF THE CARPATHIANS (A CASE STUDY FROM THE SANDOMIERZ UPLAND)**
Szeliga, Marcin (Institute of Archaeology, Maria Curie-Skłodowska University in Lublin) - Mroczek, Przemysław - Dobrowolski, Radosław - Chodorowski, Jacek (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin) - Lityńska-Zajac, Maria (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Kraków) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Pidek, Irena (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin) - Makowiecki, Daniel (Institute of Archaeology, Nicolaus Copernicus University in Toruń) - Furmanek, Mirosław (Institute of Archaeology, Wrocław University) - Plak, Andrzej (Institute of Earth and Environmental Sciences, Maria Curie-Skłodowska University in Lublin)
- 17:00** **FALLEN PERIPHERIES, FALLEN CENTRES. CULTURAL NETWORKS AT THE NORTHERN FRINGE OF THE LA TÈNE WORLD IN THE FINAL CENTURIES BC**
Markiewicz, Joanna (Uniwersytet Wrocławski)
- 17:15** **NEOLITHIC HINTERLAND IN SOUTHERN BAVARIA AND THE NORTHERN ALPS BETWEEN STAGNATION AND ADAPTATION**
Pechtl, Joachim (Institute of Archaeology University of Innsbruck)
- 17:30** **‘LIKE COMMON PEOPLE’: BIOMOLECULAR RECONSTRUCTIONS OF THE SUBSISTENCE ECONOMY OF NON-ELITES IN LATE BRONZE AGE GREECE.**
Vika, Efrossini (University of York) - Soncin, Silvia (Sapienza University) - Talbot, Helen - Craig, Oliver - VonTersch, Matthew - Presslee, Samantha - Alexander, Michelle (University of York)
- 17:45** **CULTURAL RESILIENCE OF PREHISTORIC PERIPHERIES: A CASE STUDY OF SOUTH BOHEMIA**
Vondrovský, Václav (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Chvojka, Ondřej (University of South Bohemia) - Hlášek, Daniel (Institute of Archaeology of the Czech Academy of Sciences, Prague) - John, Jan (University of South Bohemia) - Šída, Petr (Institute of Archaeology of the Czech Academy of Sciences, Brno) - Pták, Martin - Šálková, Tereza - Ptáková, Michaela (University of South Bohemia)
- 18:00** **WHAT HAPPENS IN THE PERIPHERY... EVIDENCE OF PAST ACTIVITIES IN REGIONS WITH SPARSE ARCHAEOLOGICAL FINDS**
Dreslerova, Dagmar - Demján, Peter (Institute of Archaeology of the Academy of Sciences of the Czech Republic, Prague)
- 18:15** **DISCUSSION SLOT**



176 ORNAMENTS AS A KEY TO UNDERSTANDING THE HUNTER-GATHERER TO FARMING TRANSITION IN EUROPE

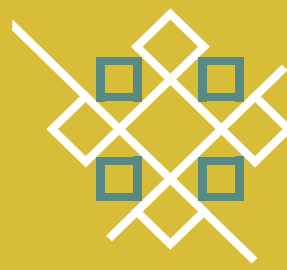
Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Martínez-Sevilla, Francisco (University of Alcalá) - Baysal, Emma (Ankara University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 THE ORIGINS OF POTTERY ORNAMENTATION**
Gralak, Tomasz (University of Wrocław)
- 14:30 TRANSFORMATION AND CONSERVATION: LEARNING AND MEMORY AT THE EPIPALAEOLITHIC/NEOLITHIC TRANSITION IN TURKEY**
Baysal, Emma (Ankara University) - Yelözer, Sera (Istanbul University)
- 14:45 PERFORATED BEADS AND ORNAMENTS FROM THE NEW EPIPALAEOLITHIC-NEOLITHIC SITE OF ABRIGO DE ZACATÍN (CASTELL DE FERRO, GRANADA, SPAIN)**
Gutiérrez Frías, Ismael (University of Granada) - Martínez Sánchez, Rafael M (University of Cordoba)
- 15:00 ORNAMENTS AS A KEY TO DEFINE THE ORIGIN OF CULTURAL IDENTITIES IN THE MESOLITHIC-NEOLITHIC TRANSITION IN THE IBERIAN PENINSULA**
Martínez-Sevilla, Francisco (University of Alcalá)
- 15:15 LET'S HANG TOGETHER! VISUAL IDENTITY OF MESOLITHIC GROUPS IN THE EASTERN ADRIATIC REGION**
Cvitkusic, Barbara (Institute for Anthropological Research, Zagreb) - Cristiani, Emanuela (Sapienza University, DANTE - Diet and ANcient TEchnology Laboratory, Roma) - Vujevic, Dario (University of Zadar, Department of Archaeology)
- 15:30 DISCUSSION SLOT**
- 16:30 NETWORK ANALYSIS APPLIED TO THE SPREAD OF SYMBOLIC PRODUCTIONS DURING THE MESOLITHIC-NEOLITHIC TRANSITION IN EUROPE**
Pereira, Daniel - Rigaud, Solange (CNRS; Centre National de la Recherche Scientifique - CNRS, UMR5199 PACEA; University of Bordeaux) - Manen, Claire (CNRS; Centre National de la Recherche Scientifique - CNRS, UMR5608 TRACES; University Jean Jaures Toulouse)
- 16:45 THE HEAD AND THE CROPS. BODY ORNAMENTS AND ADOPTION OF AGRICULTURE IN NORTH-CENTRAL CHILE**
Armstrong, Felipe (Universidad Alberto Hurtado)
- 17:00 FROM SEASHELL TO EGGSHELL: BEADS FROM THE NEOLITHIC OF KAF TAHT EL GHAR (TETOUAN) AND MAGHARAT EL KHIL (TANGIER, MOROCCO)**
Martínez Sánchez, Rafael (University of Granada; University of Cordoba) - Vera Rodríguez, Juan Carlos (University of Huelva) - Perez Jordá, Guillem (Universitat de Valencia) - Peña-Chocarro, Leonor (Instituto de Historia-CSIC)
- 17:15 VARISCITE ADORNMENT PRODUCTION, DISTRIBUTION AND CONSUMPTION IN NORTH-EASTERN IBERIA DURING THE MIDDLE NEOLITHIC: NEW DATA AND A REVIEW**
Garrido Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Odriozola, Carlos P. (Departamento de Prehistoria y Arqueología, Universidad de Sevilla; UNIARQ. Universidade de Lisboa) - Borrell Tena, Ferrán (Institució Milà i Fontanals, CSIC) - Sánchez Muñoz, Habana (Departamento de Prehistoria y Arqueología, Universidad de Sevilla)
- 17:30 CALCITE PENDANTS IN SOUTHERN IBERIAN PENINSULA FROM 6TH TO 5TH MILLENNIA BCE: TRANSLUCENCY AND SYMBOLISM IN EARLY NEOLITHIC.**
Garrido Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Odriozola, Carlos P. (Departamento de Prehistoria y Arqueología, Universidad de Sevilla; UNIARQ. Universidade de Lisboa)
- 17:45 DISCUSSION SLOT**



181 CONTROL THE DIVINE: INTEGRATING SACRED SPACES AND RITUALS AT THE 'FRINGES' (ANCIENT CENTRAL AND SOUTH ASIA)

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Mendoza Sanahuja, Marc (Universitat Autònoma de Barcelona) - Lakshminarayanan, Ashwini (Sapienza Università di Roma)

PAPERS

8:30 INTRODUCTION

8:45 TEXTUAL ARCHAEOLOGY: ON SACRED GROVES IN HELLENISED CENTRAL ASIA

Mendoza Sanahuja, Marc (Universitat Autònoma de Barcelona)

9:00 THE HELLENISTIC SANCTUARY IN TORBULOK - A CASE STUDY IN RELIGIOUS INTERACTION?

Lindström, Gunvor (DAI German Archaeological Institute)

9:15 DISCUSSION SLOT

9:30 SHARING THE MORTUARY SPACE: NEW OBSERVATIONS ON THE BURIAL RITUALS IN THE BUKHARA REGION (UZBEKISTAN)

Wang, Shujing (School of Art and Archaeology, Zhejiang University, China)

9:45 THE PRICE OF SALVATION: UNDERSTANDING THE USE OF LATE ANTIQUE COINS ALONG THE SILK ROAD

Ouellet, Jonathan (Leiden University)

10:00 MAKING SPACE FOR BUDDHISM: EARLY BUDDHIST PRACTICE IN HELLENISTIC CENTRAL ASIAN RELIGIOUS SPACES

Ross, Edward (University of Reading)

10:15 DISCUSSION SLOT

11:00 WHAT SORT OF BUDDHISM DID THE GREEKS IN INDIA ENCOUNTER?

Stoneman, Richard (University of Exeter)

11:15 POWER THROUGH RELIGION AND RELIGION THROUGH POWER. ROYAL AGENCY AND LOCAL CULTS IN HELLENISTIC CENTRAL ASIA AND NW INDIA

Coloru, Omar (University of Bari)

11:30 DISCUSSION SLOT

11:45 GANDHĀRAN ART AS AN EXPRESSION OF A MULTICULTURAL ENVIRONMENT - TOWARDS UNDERSTANDING THE NATURE OF INTERACTION

Kubica, Olga (University of Wrocław)

12:00 EMBODYING RITUAL PERFORMANCE: DONOR FIGURES IN EARLY GANDHARAN ART

Elahi, Moizza (University of Toronto)

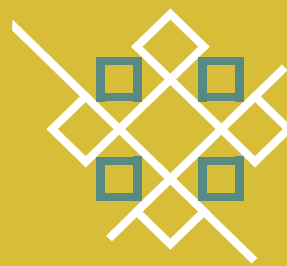
12:15 RITUAL MUSIC AND DANCING IN GANDHĀRAN ART

Lakshminarayanan, Ashwini (Sapienza University of Rome)

12:30 JAINA - VĪRA-ŚAIVA INTERACTIONS IN SOUTH INDIA: ARCHAEOLOGICAL EVIDENCE FOR RELIGIOUS AND ARTISTIC EXCHANGES DESPITE STRONG FORMS OF DEPENDENCY

Hegewald, Julia (The University of Bonn)

12:45 DISCUSSION SLOT



195 **SILK: A CATALYST FOR INTERCONNECTION IN THE SIXTH TO TENTH CENTURIES AD/CE**

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Makin, Alexandra - Harris, Susanna (University of Glasgow) - Březinová, Helena (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Klein, Astrid (Leipzig University)

PAPERS

8:30 INTRODUCTION

8:45 WHO WAS THE HU? CHINESE SILKS WITH INTERWOVEN "HU WANG" ('BARBARIAN KING') INSCRIPTION AND THEIR CULTURAL CONTEXT

Zuchowska, Marta (Faculty of Archaeology, University of Warsaw)

9:00 "KUCHA SILKS" REEXPLORED: HISTORICAL AND BUDDHOLOGICAL ASPECTS OF THE SILK PRODUCTION IN THE TARIM BASIN IN THE 5TH-6TH CENTURIES

Hiyama, Satomi (Kyoto University; Saxon Academy of Sciences and Humanities in Leipzig)

9:15 BIRD AND CRESCENT INSERTED INTO ROUNDELS: REFERENCE TO TAQUETÉ AND EARLY SAMITE SILKS IN KUCHA ON THE NORTHERN SILK ROAD

Klein, Astrid (Leipzig University)

9:30 AN INVESTIGATION OF THE COSTUMES OF FEMALE DONORS IN CAVE 61 OF DUNHUANG

Zhou, Hongdi (Fu Jen Catholic University,)

9:45 MEDIEVAL SILK AND COTTON ON THE EASTERN EUROPE ALONG THE SILK ROAD ROUTES: RECONSTRUCTION OF THE LOST CONTEXT

Shishlina, Natalia (-) - Leonova, Nadezhda (-) - Mamonova, Anna (-)

10:00 DISCUSSION SLOT

11:00 SILK AS A CATALYST TO DETERMINE TRADE ROUTES BETWEEN EAST AND WEST IN THE 6TH CENTURY AD

Özsoy, Nusret (Erzurum Technical University; Atatürk University) - Oğuz, Anil (Erzurum Technical University; Uludağ University)

11:15 SILK TEXTILES IN GREAT MORAVIAN ELITE GRAVES - EVIDENCE OF LONG DISTANCE TRADE

Březinová, Helena (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Krupičková, Šárka (Institute of Archaeology of the Czech Academy of Sciences, Brno)

11:30 UNIQUE SILK FINDS FROM THE 10TH CENTURY CARPATHIAN BASIN

Harangi, Flórián (Pázmány Péter Catholic University, Institute of Archaeological Sciences; Ásatárs Ltd.) - Türk, Attila (Pázmány Péter Catholic University, Institute of Archaeological Sciences) - H. Szabó, Krisztina (Hungarian National Museum, National Archaeological Institute) - Kolozsi, Barbara (Déri Museum) - Langó, Péter (Eötvös Loránd Research Network, Institute of Archaeology)

11:45 THE OLDEST SILK TEXTILES FROM THE ARCHAEOLOGICAL CONTEXTS OF PRAGUE CASTLE, CZECH REPUBLIC

Bravermanova, Milena (Institute of Archaeology of the CAS, Prague)

12:00 SILK TEXTILES IN MEROVINGIAN AND ALEMANNIC GRAVES (6TH-8TH CENTURIES AD)

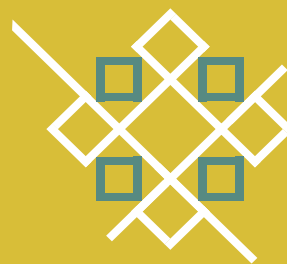
Linscheid, Petra (University of Bonn)

12:15 EARLY MEDIEVAL SILKS IN IBERIA: THE SILK TEXTILES FROM SAN ISIDORO SILVER CASKET (COLEGIATE OF SAN ISIDORO, LEON, SPAIN)

Cabrera-Lafuente, Ana (Research project The Medieval Iberian Treasury in Context: Collections, Connections, and Representations on the Peninsula and Beyond, PI Therese Martin, RTI2018-098615-B-100, financed by the Spanish Ministry of Science and Innovation/AEI /10.13039/)

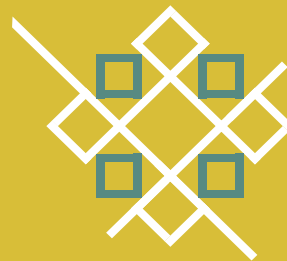
12:30 DISCUSSION SLOT

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- 14:00** **VIKING BLISS : SILK AND SQUARE KUFIC TEXTILES IN PRE-CHRISTIAN SCANDINAVIA**
Larsson, Annika (Uppsala universitet; The Society for Textile Archaeology & Culture Studies) - Guennoun, Mohamed (The Society for Textile Archaeology & Culture Studies)
- 14:15** **THE REALITY OF VIKING AFTERLIFE: THE PRESENCE OF SILK IN THE VIKING NARRATIVE**
Pallin, Karolina (TexArk – The society for textile archaeology and culture studies; Textile studies, Uppsala University)
- 14:30** **SILK, SILVER AND GOLD TEXTILES IN DANISH VIKING AGE GRAVES**
Mannering, Ulla - Rimstad, Charlotte (National Museum of Denmark)
- 14:45** **SILK TEXTILES IN A VIKING-AGE HOARD, DEPOSITED 900 CE IN GALLOWAY, SCOTLAND**
Makin, Alexandra (University of Glasgow) - Cartwright, Caroline (British Museum) - Harris, Susanna (University of Glasgow)
- 15:00** **DISCUSSION SLOT**



196 “A UNIVERSE WITH AN ADDITIONAL DIMENSION”: THE SOCIOENVIRONMENTAL ARCHAEOLOGY OF FISHING [PAM]

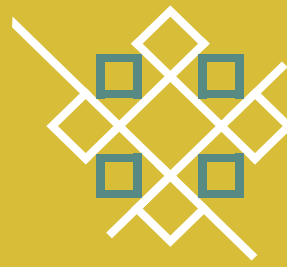
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Živaljević, Ivana (BioSense Institute, University of Novi Sad) - Mansrud, Anja (Museum of Archaeology, University of Stavanger) - Ritchie, Kenneth (Moesgaard Museum) - Robson, Harry (University of York)

PAPERS

- 16:30 FISHING AS A WAY OF RELATING TO THE WORLD: HUMAN-FISH ENTANGLEMENTS IN THE DANUBE GORGES MESOLITHIC**
Živaljević, Ivana (Biosense Institute, University of Novi Sad)
- 16:45 CATCH AND RELEASE? CULTIVATING TROUT IN MESOLITHIC SOUTH-EASTERN NORWAY**
Mansrud, Anja (Museum of Archaeology at the University of Stavanger) - Mjærøum, Axel (Museum of Cultural History, University of Oslo) - Wammer, Elling (Norwegian Maritime Museum, Oslo)
- 17:00 A NOVEL METHOD FOR THE DETECTION OF AQUATIC BIOMARKERS IN POTTERY APPLIED TO THE HUNGARIAN EARLY NEOLITHIC**
Davis, Izzy (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Hammann, Simon (Department of Chemistry and Pharmacy, Friedrich-Alexander University Erlangen-Nürnberg) - Whelton, Helen (Organic Geochemistry Unit, School of Chemistry, University of Bristol) - Cramp, Lucy (Department of Anthropology and Archaeology, University of Bristol) - Outram, Alan (Department of Archaeology, University of Exeter) - Evershed, Richard - Roffet-Salque, Mélanie (Organic Geochemistry Unit, School of Chemistry, University of Bristol)
- 17:15 DISCUSSION SLOT**
- 17:30 ANCIENT FISHING IN SOUTHERN ITALIAN PENINSULA. AN ETHNOARCHAEOLOGICAL RESEARCH**
Giardino, Claudio - Zappatore, Tiziana (University of Salento)
- 17:45 ARCHAEOLOGY MEETS MARINE CONSERVATION IN THE NEOTROPICS**
Fossile, Thiago - Colonese, Andre (Universitat Autònoma de Barcelona)
- 18:00 DISCUSSION SLOT**



201 “FOR THE LOVE” – THE IMPACT AND POTENTIAL OF AMATEUR ENTHUSIASTS ON ARCHAEOLOGICAL SITES AND ACTIVITIES

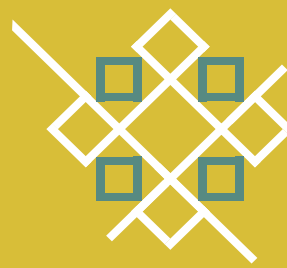
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Round table

Organisers: Humphrey, Kenneth (Henry M. Jackson Foundation) - Errickson, David (Cranfield University) - Stephen, Jesse (Defense POW/MIA Accounting Agency)

The roundtable discussion would pose the question: What are the opportunities, liabilities, and regulatory challenges to building structured regional or national public programs to enable and promote the involvement of enthusiastic amateurs in archaeology? What are examples of successful programs in the past, what programs serve this need today, and what might they look like in the future? How are archaeologists ensuring ethical practices, leveraging programs in public archaeology, and realizing mutual benefits through their efforts in these areas? What are some notable successes (and challenges, or failures) in this area?

Using the accounting mission as an area of applied practice, roundtable discussants will focus on a subset of archaeological sites and stakeholder groups to further illuminate the topic. Three themes will be used to further guide the discussions: 1) Time: how has the behavior of amateur enthusiasts changed over time, and how has their engagement with the archaeological community shifted?; 2) Impact: what is the current impact of enthusiastic amateurs on sites, in education, and in government?; 3) Direction: what are the biggest opportunities in public archaeology for ethical collaboration with local communities and enthusiastic amateurs, and what is most needed to realize such opportunities?



206 NO BRAUDEL FOR THE BALKANS? FORGING A NEW, INTERCONNECTED PREHISTORY OF THE BALKAN PENINSULA

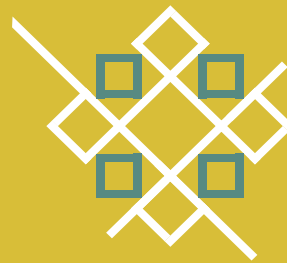
Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Galaty, Michael (University of Michigan) - Parkinson, William (Field Museum of Natural History) - Recchia, Giulia (Sapienza University of Rome) - Gori, Maja (Institute of Heritage Science; National Research Council of Italy (ISPC-CNR))

PAPERS

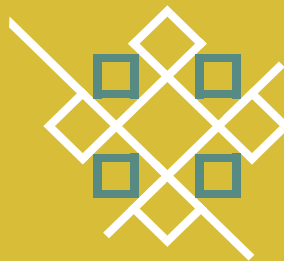
- 8:30 INTRODUCTION**
- 8:45 MOVING PEOPLE, TRADING GOODS, TRANSFORMING CULTURES: EXCHANGE IN THE BALKANS DURING THE NEOLITHIC**
Riebe, Danielle (University of Georgia)
- 9:00 CONNECTING THE NEOLITHIC BALKANS: NEW INSIGHTS FROM PRECIOUS STONES AND AMULETS**
Horejs, Barbara - Brandl, Michael (Austrian Academy of Sciences OeAI)
- 9:15 HERDING AND HUNTING IN THE BALKAN NEOLITHIC: A VIEW FROM THE ADRIATIC COAST**
McClure, Sarah (University of California, Santa Barbara)
- 9:30 DWELLING ALONG THE WETLANDS IN THE NEOLITHIC BALKANS**
Naumov, Goce (Center for Prehistoric Research; Museum of Macedonia)
- 9:45 INVESTIGATING LARGE SETTLEMENTS: THE NEOLITHIC SETTLEMENT COMPLEX OF SZEGHALOM-KOVÁCSHALOM ON THE GREAT HUNGARIAN PLAIN**
Parkinson, William (Field Museum and University of Illinois at Chicago) - Gyucha, Attila (University of Georgia) - Sarris, Apostolos (University of Cyprus) - Ridge, William (University of Illinois at Chicago) - Riebe, Danielle (University of Georgia) - Yerkes, Richard (The Ohio State University)
- 10:00 TRANSFORMATION OF THE LATE NEOLITHIC VINČA CULTURE: INNOVATIONS AND TRADITIONS IN THE COPPER AGE OF THE CENTRAL BALKANS**
Milanovic, Dragan (Institute of Archaeology, Belgrade)
- 10:15 DISCUSSION SLOT**
- 11:00 2000 YEARS OF EARLY STEPPE – BALKANS INTERACTIONS: AN INTERDISCIPLINARY VIEW FROM ARCHAEOLOGY AND GENETICS**
Preda-Balanica, Bianca (University of Helsinki) - Diekmann, Yoan (Palaeogenetics Group, Johannes Gutenberg University) - Heyd, Volker (University of Helsinki)
- 11:15 THE DAWN OF THE BRONZE AGE ALONG THE ADRIATIC COAST OF THE NORTH-WESTERN BALKANS AND THE CETINA PHENOMENON**
Recchia, Giulia (Sapienza University of Rome)
- 11:30 INVESTIGATING SETTLEMENT PATTERNS AND TRACING MOBILITY IN SOUTHERN BALKANS IN THE 3RD MILLENNIUM BC.**
Gori, Maja (National Research Council of Italy)
- 11:45 WHAT ABOUT THE MIDDLE BRONZE AGE IN THE SOUTHERN BALKANS?**
Krapf, Tobias (Swiss School of Archaeology in Greece)
- 12:00 A MULTI-ISOTOPE INVESTIGATION OF MOBILITY AND DIET IN A LATE BRONZE AGE COMMUNITY IN LIKA, CROATIA**
Zavodny, Emily (University of Central Florida) - Novak, Mario (Centre for Applied Bioanthropology, Institute for Anthropological Research) - Đukić, Ana (Arheološki muzej u Zagrebu) - Kamenov, George - Krigbaum, John (University of Florida)
- 12:15 LONGUE DUREE IN THE CENTER OF BALKANS – REGIONAL SCALE DIACHRONIC STUDY OF THE GRUŽA RIVER VALLEY IN CENTRAL SERBIA**
Kocic, Miroslav (Arheološki institut, Beograd; University of Pittsburgh) - Hanks, Bryan (University of Pittsburgh) - Kalicanin Krstić, Marija (Zavod za zaštitu spomenika kulture Kragujevac) - Basar, Petra (University of Pittsburgh)



- 12:30 MAKING SENSE OF THE PAST AND BRINGING SENSE TO THE PRESENT: BURIAL MOUNDS IN BRONZE AND IRON AGE ALBANIA**
Trinder, Ermelinda (Staffordshire University)
- 12:45 DISCUSSION SLOT**
- 14:00 REGIONAL ARCHAEOLOGY IN THE PEJA AND ISTOG DISTRICTS OF KOSOVA (RAPID-K), 2018-2021: INTENSIVE SURVEY RESULTS**
Galaty, Michael (University of Michigan) - Mehmetaj, Haxhi (Archaeological Institute of Kosova) - Deskaj, Sylvia (University of Michigan)
- 14:15 EXPLORING THE MULTIPLE ROLES OF HILLFORTS IN PREHISTORY: A CASE STUDY FROM WESTERN KOSOVA**
Baci, Erina (University of Michigan)
- 14:30 IRON AGE BETWEEN CENTRAL EUROPE AND BALKANS - CLASH OF THE WORLDS OR FINE EMBROIDERY**
Potrebica, Hrvoje (Dept of archaeology)
- 14:45 BEYOND LIBURNIA: EXPLORING IRON AGE BOUNDARIES AND INTERREGIONAL CONNECTIONS IN NORTHERN DALMATIA**
Celhar, Martina (University of Zadar) - Zaro, Gregory (University of Maine)
- 15:00 COLONIALISM AND NATIONALISM IN EARLY BALKAN ARCHAEOLOGY**
Gimatzidis, Stefanos (Austrian Archaeological Institute, Austrian Academy of Sciences)
- 15:15 JOVAN CVIJIĆ'S ANTHROPOGEOGRAPHY OF THE BALKANS: LONGUE DUREÉ BEFORE BRAUDEL**
Novakovic, Predrag (University of Ljubljana)
- 15:30 DISCUSSION SLOT**

POSTERS

- A. WHAT TOOK YOU SO LONG? EXPLAINING GAPS BETWEEN THE INITIATION AND THE WIDE SPREAD OF TIN BRONZE IN THE BALKANS**
Nessel, Bianka (Institute for Pre- and Protohistory, Mainz University)
- B. THE COMPLEX OF TUMULI IN NECROPOLIS OF DOLLC (KOSOVO)**
Baraliu, Sedat (University of Pristina-Faculty of Philosophy; Faculty of Education) - Alaj, Premtim (Archaeological Institute of Kosovo)
- C. USAGE OF PREHISTORIC TALI (ASTRAGALI) FROM NADIN, CROATIA**
Kolenc, Magdalena - Korpes, Kim (Faculty of Veterinary Medicine, University of Zagreb) - Čelhar, Martina (Department of Archaeology, University of Zadar) - Trbojević Vukičević, Tajana (Faculty of Veterinary Medicine, University of Zagreb)



210 DIGGING WOMEN: USE AND MISUSE OF ANCIENT WOMEN AS ROLE MODELS IN ARCHAEOLOGICAL RESEARCH AND DISSEMINATION [AGE]

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona) - Droß-Krüpe, Kerstin (Ruhr-Universität Bochum) - Martins, Ana Cristina (IHC-FCSH NOVA – Pólo Universidade de Évora and Uniarq-UL) - Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Mouriño Schick, Andrea (Universidade de Vigo)

PAPERS

14:00 INTRODUCTION

14:15 INTRODUCTION: ANCIENT WOMEN AS ROLE MODELS IN ARCHAEOLOGICAL RESEARCH AND DISSEMINATION

Droß-Krüpe, Kerstin (Ruhr-Universität Bochum; Universität Kassel) - Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Garcia-Ventura, Agnès (Universitat Autònoma de Barcelona) - Martins, Ana Cristina (Pólo Universidade de Évora and Uniarq-U) - Mouriño Schick, Andrea (Universidade de Vigo)

14:30 THE "MONA LISA OF NIMRUD" IN THE MUSEO DE REPRODUCCIONES ARTÍSTICAS OF MADRID (SPAIN): BEAUTY AS A FEMININE ROLE MODEL

Garcia-Ventura, Agnes (Universitat Autònoma de Barcelona)

14:45 JEZEBEL IN THE CONTEMPORARY VISUAL CULTURE: AN EXAMPLE OF MISUSE OF ANCIENT WOMEN AS A NEGATIVE ROLE MODEL

López-Bertran, Mireia (Universitat de Valencia)

15:00 DISCUSSION SLOT

15:15 ROMAN WOMEN IN: COINS TO WAR, COINS TO PROSPER AND COINS TO HONOR

Pagoto Bélo, Tais (University of São Paulo)

15:30 MODEL WOMEN AND WOMEN'S MODELS: ARCHAEOLOGY AND NARRATIVES DURING THE 'ESTADO NOVO'

Martins, Ana Cristina (IHC - Polo da Universidade de Évora; Uniarq - Centro de Arqueologia da Universidade de Lisboa; Proyecto 'ArqueologAs' - Universitat de Barcelona)

15:45 DISCUSSION SLOT

16:30 FEMALE AND MALE ARCHAEOLOGIES IN ITALY FROM THE UNITY TO THE 21ST CENTURY

Fulminante, Francesca (University College London; Bristol University; University Roma Tre)

16:45 BREAKING THE MOULD WITHIN THE MOULD: GENDER, WOMEN, AND ARCHAEOLOGY DURING THE SPANISH FRANCO DICTATORSHIP

Torres Gomariz, Octavio (Universitat d'Alacant; Universitat de Barcelona) - del Reguero González, Jorge (Universitat de Barcelona)

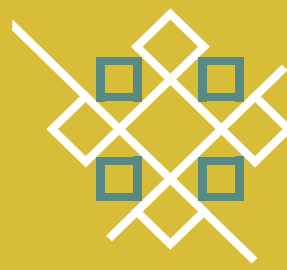
17:00 FEMALE ROLE MODELS IN THE EDUCATION OF PREHISTORY

Mouriño-Schick, Andrea (University of Vigo)

17:15 THE PROBLEMATIC ABSENCE OF WOMEN AS ROLE MODELS FOR FIRST SEMESTER STUDENTS IN GERMANY

Gutsmiedl-Schuemann, Doris - Schuster, Annette (Universität der Bundeswehr München, Department of Social Sciences and Public Affairs, Historical Institute)

17:30 DISCUSSION SLOT



218 SCIENCE OR HUMANITIES – WHITHER ARCHAEOLOGY?

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Discussion session

Organisers: Ribeiro, Artur (University of Kiel) - Stutz, Liv Nilsson (Linnaeus University) - Kienlin, Tobias (University of Cologne)

PAPERS

8:30 INTRODUCTION

8:45 ARCHAEOLOGY AS A FACTORY – THE ALLURE OF MASS PRODUCTION, STANDARDIZATION, AND STREAMLINING RESEARCH IN ARCHAEOLOGY

Ribeiro, Artur (Christian-Albrechts-Universität)

9:00 TRUE COLOURS? EGYPTOLOGY AND RACIALISM BETWEEN SCIENCE AND HUMANITIES

Matic, Uros (Österreichisches Archäologisches Institut)

9:15 WHITHER ARCHAEOLOGY: HOW TO ASSESS A DIVERSE AND VARIED DISCIPLINE

D'Aprix, Michael (University College London)

9:30 THE GROWTH AND IMPACT OF SCIENCE UPON THE DISCIPLINE OF ARCHAEOLOGY 1960-2021: A VISUALISATION AND EXPLORATION THROUGH BIBLIOMETRIC DATA MAPPING

Sinclair, Anthony (University of Liverpool)

9:45 IS ASKING THE CORRECT QUESTIONS A KEY TO THE BALANCE? A CASE OF TRANSDISCIPLINARY STUDY OF PORTABLE ROCK ART COLLECTION

Radchenko, Simon (University of Turin) - Kiosak, Dmytro (Ca' Foscari University of Venice)

10:00 DISCUSSION SLOT

11:00 ARCHAEOLOGY OF PROBABILITIES: BRIDGING SCIENCE AND HUMANITIES

Santos, Joel (NOVA University of Lisbon, Portugal) - Carvalho, Daniel (UNIARQ; FCT; LAQU)

11:15 WHERE IS THE VALUE OF HUMANITIES? PROVIDING PERSPECTIVES FOR INTERDISCIPLINARY RESEARCH

Paasikivi, Sofia - Moilanen, Ulla (University of Turku)

11:30 DEATH AND THE HUMAN BODY: FINDING A COMMON GROUND FOR ARCHAEOLOGY AND ANTHROPOLOGY

Gramsch, Alexander (RGK - Romano-Germanic Commission DAI)

11:45 SCIENCE IS DEAD. LONG LIVE SCIENCE

Griffiths, Seren (Manchester Metropolitan University)

12:00 TO ASK A SILLY QUESTION: NEED FUTURE ARCHAEOLOGICAL QUESTIONS ENTAIL SCIENTIFIC METHODS IN ORDER TO BE PROPOSED?

Pantmann, Pernille (Museum North Zealand)

12:15 DISCUSSION SLOT

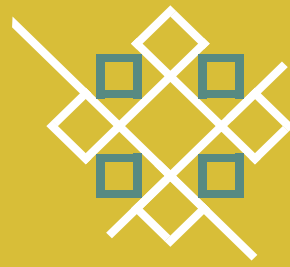
14:00 ANCIENT DNA AND KINSHIP ANALYSES IN BRONZE AGE EUROPE

Wilson, Kathleen (SUNY University at Buffalo)

14:15 POTENTIAL, LIMITATIONS, AND PERSPECTIVES ON THE COMBINATION OF HUMANITIES AND NATURAL SCIENCES: THE CASE OF THE TRANSCULTURAL PROJECT

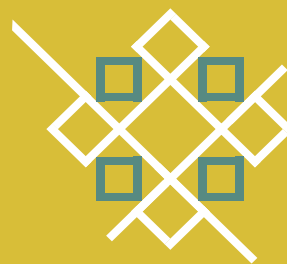
Maurer, Anne-France (Universidade de Evora) - Oliveira, Luis Filipe (Universidade do Algarve / I.E.M-FCSH-No-va) - Vilar, Herminia (Universidade de Évora – Escola de Ciências Sociais – CIDEHUS, Evora) - Tété Garcia, Cristina (Research Center in Archaeology, Arts and Cultural Heritage, DRC Algarve, Faro) - Valente, Maria João (Centro de Estudos de Arqueologia, Artes e Ciências do Património, Universidade do Algarve – FCHS ; CEAACP) - Fernandes, Teresa (Research Centre for Anthropology and Health - CIAS, University of Coimbra; Departamento de Biologia, Escola de Ciências e Tecnologia, Universidade de Évora) - Barrocas Dias, Cristina (Laboratorio HERCULES, Universidade de Evora; Departamento de Química, Escola de Ciência e Tecnologia, Universidade de Évora) - MacRoberts, Rebecca - Lopez-Aceves, Judith - Ortega-Gonzalez, Alvaro (Laboratorio HERCULES, Universidade de Evora)

B 217



#s218

- 14:30** **BEYOND THE DIVIDE: THE UNCONSCIOUS, THE DIGITAL, AND THE POLITICAL IN ARCHAEOLOGY**
Barruezo-Vaquero, Pablo (Independent) - Laguna Palma, David (Universidad de Granada) - López-López, Víctor
(Spanish National Research Council, CSIC - INCIPIIT)
- 14:45** **INTERDISCIPLINARY PRACTICES, SCIENTISM AND SCIENTIFIC ATTITUDES**
Niculescu, Gheorghe Alexandru (Vasile Pârvan Institute of Archaeology)
- 15:00** **ARCHAEOLOGY AND ARCHITECTURE AS COMPLEMENTARY AND COLLABORATING FIELDS**
Benjamin, David (David N. Benjamin, Sivilarkitekt MNAL)
- 15:15** **DISCUSSION SLOT**



221 REVISITING HUSBANDRY AND SUBSISTENCE IN SOUTHWESTERN ASIA USING INTEGRATED APPROACHES AND THE LATEST DEVELOPMENT IN BIOARCHAEOLOGY

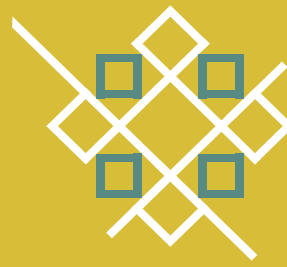
Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Casanova, Emmanuelle - Vuillien, Manon (UMR7209 Archaeozoology and Archaeobotany: Societies Practices and Environments, National Museum of Natural History, CNRS) - Davoudi, Hossein (Archaeozoological section, Bioarchaeological laboratory, University of Tehran)

PAPERS

- 16:30 HUMAN DIETARY DYNAMICS AND EARLY CAPRINE HUSBANDRY: ISOTOPIC AND PROTEOMIC ANALYSES OF SKELETAL TISSUES AND DENTAL CALCULUS FROM 'AIN GHAZAL**
Makarewicz, Cheryl (University of Kiel) - Kendall, Iain (University of Bristol) - Palmer, Karren (University of Manchester) - Winter-Schuh, Christine (University of Kiel) - Buckley, Mike (University of Manchester) - Evershed, Richard (University of Bristol) - Rollefson, Gary (Whitman College)
- 16:45 HUMAN SUBSISTENCE IN IRANIAN PREHISTORY REVEALED THROUGH LIPID RESIDUE ANALYSIS IN POTTERY VESSELS**
Casanova, Emmanuelle (Muséum national d'Histoire naturelle) - Davoudi, Hossein (University of Teheran) - Zazzo, Antoine - Boco, Audrey (Muséum national d'Histoire naturelle) - Bernbeck, Reinhard - Pollock, Susan (Free University of Berlin) - Tsuneki, Akira (University of Tsukuba) - Ghafoori, Om ol Banin - Nokandeh, Jebreil (National museum of Iran) - Mashkour, Marjan (Muséum national d'Histoire naturelle)
- 17:00 ANIMAL EXPLOITATION DURING THE EARLY HARAPPAN PERIOD: A CASE STUDY FROM BHANDO QUBO (SINDH, PAKISTAN)**
Parque, Óscar - Jiménez-Arteaga, Carolina (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra) - Lancelotti, Carla (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats) - Veesar, Ghulam Mohiuddin - Abro, Tasleem - Chandio, Ameen (Department of Archaeology, Shah Abdul Latif University) - Madella, Marco (CaSEs – Culture and Socio-Ecological Dynamics Research Group. Departament d'Humanitats, Universitat Pompeu Fabra; ICREA – Institució Catalana de Recerca i Estudis Avançats)
- 17:15 DISCUSSION SLOT**
- 17:30 FEEDING PRACTICES AND MULTI-SEASON REPRODUCTION AMONG SHEEP AND GOATS IN EARLY AENEOLITHIC MONJUKLI DEPE, TURKMENISTAN**
Eger, Jana (Freie Universität Berlin)
- 17:45 UNDERSTANDING HUMAN OCCUPATION IN GEORGIA'S MOUNTAINS DURING THE CHALCOLITHIC AND EARLY BRONZE AGE: CONTRIBUTIONS FROM ARCHAEOZOOLOGY, CEMENTOCHRONOLOGY AND ISOTOPE GEOCHEMISTRY**
Vautrin, Adeline - Berthon, Rémi - Balasse, Marie (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris) - Bédianashvili, Giorgi (Georgian National Museum, Tbilisi) - Fiorillo, Denis (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris) - Gambashidze, Irina - Gogochuri, Giorgi (Georgian National Museum, Tbilisi) - Gourichon, Lionel (Université Côte d'Azur, UMR 7264 CEPAM, CNRS, Nice) - Stöllner, Thomas (Ruhr-Universität, Bochum; Deutsches Bergbau-Museum, Bochum) - Mashkour, Marjan (Muséum national d'Histoire naturelle, UMR 7209 AASPE, CNRS, Paris)
- 18:00 DRAW ME A SHEEP: A MORPHOLOGICAL INVESTIGATION ON APPENDICULAR BONES OF MODERN AND ANCIENT POPULATIONS FROM SOUTHWEST ASIA (EVOSHEEP PROJECT)**
Vuillien, Manon (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris) - Vila, Emmanuelle (Archéorient, CNRS, University of Lyon 2) - Chahoud, Jwana (Archéorient, CNRS, University of Lyon 2, France; Department of Archaeology, Lebanese University) - Davoudi, Hossein (Archaeozoological section, Bioarchaeological laboratory, University of Tehran) - De Cupere, Bea (Directorate Earth and History of Life, Royal Belgian Institute of Natural Sciences) - Helmer, Daniel (Archéorient, CNRS, University of Lyon 2) - Gourichon, Lionel (University Côte d'Azur, CNRS, CEPAM, Nice) - Mashkour, Marjan (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris; Archaeozoological section, Bioarchaeological laboratory, University of Tehran) - Cucchi, Thomas (AASPE, Muséum national d'Histoire naturelle, CNRS, Paris)
- 18:15 DISCUSSION SLOT**



224 HUNTER-GATHERERS RESILIENCE: ADAPTATION PATTERNS TO CLIMATIC SHIFTS AT DIFFERENT LATITUDES FROM MIS3 TO MIS 1 [PAM]

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Mutri, Giuseppina (The Cyprus Institute - STARC) - Sari, Latifa (Centre National de Recherches Préhistoriques, Anthropologiques et Historiques.)

PAPERS

8:30 INTRODUCTION

8:45 NEW ELEMENTS ON THE GRAVETTIAN TO SOLUTREAN TRANSITION: THE OPEN-AIR SITE OF PORTELA 2 (LEIRIA, CENTRAL PORTUGAL)

Gameiro, Cristina (UNIARQ - Lisbon University) - Aubry, Thierry (Fundação Côa Parque / UNIARQ - Lisbon University) - Zambaldi, Maurizio (UNIARQ - Lisbon University) - Dimuccio, Luca (GEGOT - Coimbra University)

9:00 WAS THE PROTO-SOLUTREAN OF SOUTHWEST EUROPE TRIGGERED BY HEINRICH STADIAL 2? NEW INSIGHTS ON THE PEÑA CAPÓN SEQUENCE (CENTRAL SPAIN)

Alcaraz-Castaño, Manuel (University of Alcalá) - Alcolea-González, José-Javier - Luque, Luis - Castillo-Jiménez, Samuel - Jiménez-Gisbert, Guillermo - Triguero, Ignacio (Area of Prehistory, Department of History and Philosophy, University of Alcalá) - Albert, Rosa-María (Department of History and Archeology, University of Barcelona) - de Andrés-Herrero, María (Department of Prehistory, Ancient History & Archaeology, Complutense University of Madrid) - Cuartero, Felipe (Spanish National Research Center for Human Evolution - CENIEH) - Cuenca-Bescós, Gloria (Aragosaurus-IUCA, Department of Geosciences, University of Zaragoza)

9:15 "NOTHING HAPPENS UNTIL SOMETHING MOVES": SETTLEMENT PATTERNS IN THE BALKAN PENINSULA DURING MIS 3-1

Plavšić, Senka - Dragosavac, Sofija (University of Belgrade, Faculty of Philosophy) - Radović, Predrag (University of Belgrade, Faculty of Philosophy; National Museum Kraljevo) - Mihailović, Bojana (National Museum in Belgrade) - Mihailović, Dušan (University of Belgrade, Faculty of Philosophy) - Dogandžić, Tamara (MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution)

9:30 MESTEC/OSTROV, AN EARLY MESOLITHIC SITE IN BOHEMIA – SUBMISSION TO THE ISSUE OF HUMAN ADAPTATIONS TO THE PLEISTOCENE/HOLOCENE CLIMATIC SHIFT

Mlejnek, Ondrej (Archaeological Centre in Olomouc) - Petr, Libor - Přichystal, Antonín (Faculty of Science, Masaryk University, Brno) - Záhorák, Vít (Archaeological Centre in Olomouc)

9:45 PLEISTOCENE-HOLOCENE TRANSITION AND HUNTER-GATHERER ARCHAEOLOGY IN THE CARPATHIAN BASIN

Szegedi, Kristóf (Hungarian National Museum; Mikoviny Sámuel Doctoral School of Earth Sciences, University of Miskolc) - Major, István (Institute for Nuclear Research, Eötvös Loránd Research Network) - Újvári, Gábor (Institute for Geological and Geochemical Research - Research Centre for Astronomy and Earth Sciences - Eötvös Loránd Research Network) - Lengyel, György (Department of Prehistory and Archaeology, University of Miskolc)

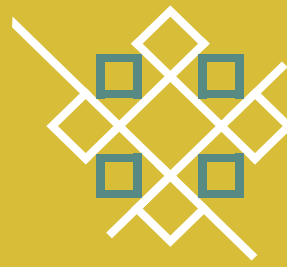
10:00 THE ECOLOGY OF AURIGNACIAN HUNTER-GATHERERS IN THE WESTERN CARPATHIANS, EASTERN CENTRAL EUROPE

Lengyel, Gyorgy (University of Miskolc, Miskolc, Hungary; Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków) - Dobos, Endre (University of Miskolc) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences, Warszawa) - Magyari, Enikő (Eötvös Loránd University, Budapest) - Major, István (Isotope Climatology and Environmental Research Centre - ICER, Institute for Nuclear Research, Debrecen) - Moskal-del Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences, Kraków) - Palcsu, László (Isotope Climatology and Environmental Research Centre - ICER, Institute for Nuclear Research, Debrecen) - Szegedi, Kristóf (Hungarian National Museum, Budapest) - Újvári, Gábor (Research Center for Astronomy and Earth Sciences, Eötvös Loránd Research Network, Budapest) - Wilczyński, Jarosław (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences, Kraków)

10:15 DISCUSSION SLOT

11:00 THE HUMAN NICHE SPACE OF LATE UPPER PALEOLITHIC EUROPE AND THE EFFECTS OF CLIMATE AND POPULATION.

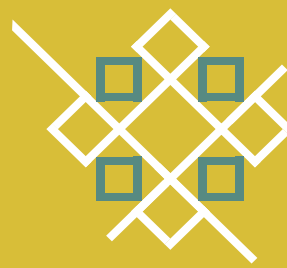
Yaworsky, Peter - Hussain, Shumon (Aarhus University)



- 11:15** **LIMITING FACTOR MODELLING REVEALS CHANGING ADAPTIVE PRESSURES AND POPULATION DYNAMICS OF EUROPEAN HUNTER-GATHERERS FROM LATE MIS2 AND INTO MIS1**
Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University; Center for Biodiversity Dynamics in a Changing World, Aarhus University) - Ordoñez, Alejandro (Center for Biodiversity Dynamics in a Changing World, Aarhus University)
- 11:30** **LATE EPIPALAEOLITHIC SETTLEMENT IN THE QA' SHUBAYQA: A CASE STUDY IN RESILIENCE IN THE ARID MARGIN OF THE SOUTHERN LEVANT**
Richter, Tobias (University of Copenhagen)
- 11:45** **DISCUSSION SLOT**
- 12:00** **A PLACE CALLED HOME. LAND MANAGEMENT BETWEEN THE LIBYAN COAST AND THE EGYPTIAN WESTERN DESERT DURING MIS 2-1**
Mutri, Giuseppina (The Cyprus Institute)
- 12:15** **HUMAN ADAPTATIONS TO CLIMATE CHANGE IN NORTHWESTERN AFRICA DURING MIS 2**
Sari, Latifa (Centre national de recherches préhistoriques, anthropologiques et historiques)
- 12:30** **HUMAN ADAPTATION DURING THE MIS3 IN EASTERN AFRICA: GOTERA 10, A NEW MIDDLE STONE AGE SITE IN SOUTHERN ETHIOPIA**
Fusco, Marianna (University of Rome La Sapienza; Universitat Rovira i Virgili) - Spinapolice, Enza (University of Rome La Sapienza)
- 12:45** **DISCUSSION SLOT**

POSTERS

- A.** **ULUZZIAN AND AURIGNACIAN TECHNO-COMPLEXES OF GROTTA SERRA CICORA A (NARDÒ – LECCE, SOUTHERN ITALY)**
Ranaldo, Filomena (Museo della Preistoria di Nardò; U.R. Università di Siena, Dipartimento di Scienze Fisiche) - Mas-safra, Dario (Museo della Preistoria di Nardò) - Eramo, Giacomo - Monno, Alessandro (Dipartimento di Scienze della Terra e Geoambientali, Università degli Studi di Bari Aldo Moro) - Kitagawa, Keiko (Institute of Prehistory, Early History and Medieval Archaeology, University of Tübingen; Museo della Preistoria di Nardò) - Bona, Fabio (Dipartimento di Scienze della Terra "Ardito Desio", Università degli Studi di Milano; Museo della Preistoria di Nardò) - Strafella, Silvia (Museo della Preistoria di Nardò)



229 DEVELOPMENT AND USE OF GARDEN ARCHAEOLOGY IN DIFFERENT PARTS OF EUROPE, COMPARING INDIVIDUAL APPROACHES, INTERACTIONS, COOPERATION TO ASSES THEIR EFFECTIVENESS

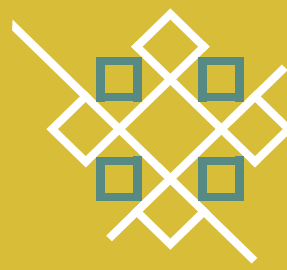
Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Vynckier, Geert (Archaeologist at Flemish Heritage Agency) - Dix, Brian (Independent consultant garden Archaeologist) - Golembnik, Andrzej (Private Archaeological company INCEDO3D)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 THE DEVELOPMENT OF GARDEN ARCHAEOLOGY, WITH PARTICULAR REFERENCE TO THE UK**
Dix, Brian (Independent consultant garden Archaeologist)
- 14:30 GARDEN ARCHAEOLOGY IN FLANDERS: A DIFFICULT AND CONTINUING PROCESS IN INTRODUCING THIS ARCHAEOLOGICAL DISCIPLINE IN THE NORTHERN PART OF BELGIUM**
Vynckier, Geert (Flanders Heritage Agency)
- 14:45 RECONSTRUCTION OF EARLY PHASE OF ROYAL BATHS PARK (WARSAW, POLAND) ON THE BASIS OF CARTOGRAPHIC, ICONOGRAPHIC AND ARCHAEOLOGICAL SOURCES**
Solecki, Rafal (Cardinal Stefan Wyszyński University in Warsaw)
- 15:00 INVESTIGATING THE ANCIENT GARDENS (16TH C.-18TH. C.) OF MARIEMONT (BELGIUM) : THE CONTRIBUTION OF ARCHAEOLOGICAL PROSPECTION**
Demellenne, Marie (Musée royal de Mariemont) - De Smedt, Philippe (Department of Environment, Faculty of Bioscience Engineering, Ghent University; Department of Archaeology, Faculty of Arts and Philosophy, Ghent University)
- 15:15 THE MEDIEVAL MONASTIC GARDENS OF ØM ABBEY, DENMARK**
Møllerup, Lene (Museum Skanderborg)
- 15:30 DISCUSSION SLOT**
- 16:30 USING GARDEN ARCHAEOLOGY -A CASE-STUDY FROM HAMPTON COURT, ENGLAND**
Dix, Brian (Independent consultant garden Archaeologist)
- 16:45 THE HISTORY OF THE CONSTRUCTION OF THE ROYAL RESIDENCE IN WILANÓW - A ROMANTIC VERSION**
Golembnik, Andrzej (INCEDO3D)
- 17:00 THE RUINS IN THE GARDENS OF MARIEMONT (B.): BETWEEN DISCOVERY AND DISPLAY**
Demellenne, Marie (Musée royal de Mariemont) - Dosogne, Michele (Agence wallonne du Patrimoine)
- 17:15 DISCUSSION SLOT**
- 17:30 HISTORIC RENOVATION OF THE PERNŠTEJN GARDEN GROUNDS**
Vágner, Michal (Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Dejmál, Miroslav - Šimík, Jakub - Těsnohlídek, Jakub (Archaia Brno z.ú.)
- 17:45 BRONZE AGE AEGEAN RITUAL MEADOWSCAPES AS PREHISTORIC GARDENS**
Daróczi, Tibor (Romanian Academy, Cluj chapter)
- 18:00 DISCUSSION SLOT**

**233 ISLANDS, MONASTERIES AND WATER MANAGEMENT**

Time: Saturday 3 Sept, 11:00 - 13:00

Format: Regular session

Organisers: Hueglin, Sophie (University of Tuebingen) - Germanidou, Sophia (Newcastle University)

PAPERS**11:00 ISLAND MONASTERIES IN A GLOBAL PERSPECTIVE**

Hueglin, Sophie (University of Tuebingen)

11:15 RENDERED BY WATER: THE HYDRAULICS OF CRAFT, DEVOTION, AND DWELLING ON CONNEMARA'S ISLAND MONASTERIES

Lash, Ryan (University College Dublin) - Kujit, Ian (University of Notre Dame) - Chesson, Meredith (University of Notre Dame)

11:30 CONENTU TIOKKAKARLENSIS - A FRANCISCAN CONVENT ON KÖKAR ISLAND (ÅLAND, FINLAND) IN THE MIDDLE AGES AND TODAY

Seppanen, Liisa (Turku University; Helsinki University)

11:45 DISCUSSION SLOT**12:00 RIVER ISLANDS, MONASTERIES AND INNOVATIONS - THE CASE OF POHANSKO**

Dresler, Petr (Masaryk University)

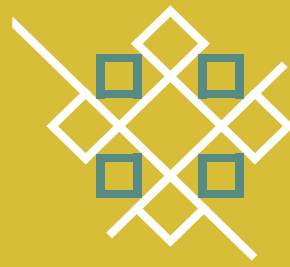
12:15 MONASTERIES IN TRANSYLVANIA WITH THEIR NEARBY RIVERS AND THE SURROUNDING LAKES

Cringaci Tiplic, Maria Emilia - Cioltei-Hopartean, Corina (Institute of Social Sciences and Humanities Sibiu, Romanian Academy) - Tiplic, Ioan-Marian ("Lucian Blaga" University of Sibiu)

12:30 DISCUSSION SLOT**POSTERS****A. WALKING OVER WATER, ON AN ARID ISLET IN SOUTHERN GREECE**

Germanidou, Sophia (Newcastle University)

RE151



#s245

245 ARCHAEOLOGICAL NARRATIVES OF APOCALYPTIC AND POST-APOCALYPTIC ERA

Time: Saturday 3 Sept, 11:00 - 13:00

Format: Discussion session

Organisers: Papoli Yazdi, Leila (Linnaeus University) - Dezharkhooy, Maryam (Universität Heidelberg)

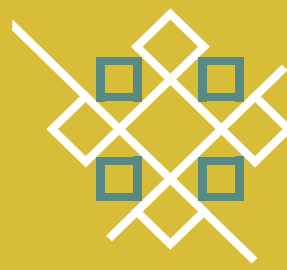
PAPERS

11:00 INTRODUCTION

11:15 RECYCLING THE "SLOW APOCALYPSE": CONFLICT, HERITAGE AND THE ARTS OF LIVING ON A DAMAGED PLANET
Breithoff, Esther (Birkbeck, University of London)

11:30 APOCALYPSIS AND OTHER DISASTERS IN THE MESOAMERICAN NARRATIVE: FROM THE PAST TO THE PRESENT DAY
Moragas, Natalia (University of Barcelona)

11:45 DISCUSSION SLOT



264 BIOARCHAEOLOGICAL APPROACH TO HUMAN HEALTH THROUGHOUT THE MEDIEVAL PERIOD IN EUROPE

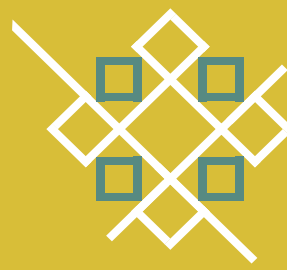
Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

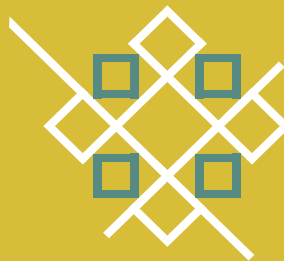
Organisers: Roshem, Irmine (University of Aberdeen) - Veiga-Rilo, Clara (Universidade de Santiago de Compostela)

PAPERS

- 8:30 INJURY CHARACTERISTIC FROM POLÁKY-DOLANY SITE: PATTERNS, PREVALENCE AND VIOLENT-RELATED TRAUMA IN A SMALL EARLY MEDIEVAL BOHEMIAN VILLAGE**
Witan, Joanna (University of West Bohemia in Pilsen; Institute for Preservation of Archaeological Heritage of North-west Bohemia)
- 8:45 APPROACHING PATHOLOGICAL CASES IN MEDIAEVAL IBERIA THROUGH THE ARCHAEOLOGY OF CARE PERSPECTIVE: BEING SICK IN AL-ANDALUS**
Olivé-Busom, Júlia (Universitat Autònoma de Barcelona; Group EcoPast - GI-1553, Universidade de Santiago de Compostela) - 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 (Universitat Autònoma de Barcelona)
- 9:00 BIOARCHAEOLOGY OF CHILDREN AND HEALTH PROFILES FROM A MEDIEVAL CEMETERY SITE (GZ10) IN GIECZ, POLAND**
Slusarska, Katarzyna (Uniwersytet Szczeciński) - Agnew, Amanda (The Ohio State University) - Miciak, Magda (Muzeum Pierwszych Piastów na Lednicy, Rezerwat Archeologiczny Gród Wczesnopiastowski w Gieczu)
- 9:15 DISCUSSION SLOT**
- 9:30 LET'S TALK ABOUT THE WEATHER - POPULATION DEVELOPMENT AND MORTALITY PATTERNS OVER THE MEDIAEVAL PERIOD**
Weise, Svenja (University of Southern Denmark)
- 9:45 CLIMATE CHANGE IMPACT ON RESPIRATORY HEALTH IN MEDIEVAL IRELAND**
Roshem, Irmine - Dittmar, Jenna (University of Aberdeen) - Drain, Deidre - Carlsson, Stine (Queen's University Belfast) - Crozier, Rebecca (University of Aberdeen) - Oxenham, Marc (University of Aberdeen; Australian National University) - Murphy, Eileen (Queen's University Belfast)
- 10:00 THE IMPACT OF THE NATURAL ENVIRONMENT ON HEALTH IN PAST POPULATIONS FROM IRELAND AND SCOTLAND: PRELIMINARY RESULTS FROM IRISH SITES**
Carlsson, Stine (Queen's University Belfast; University of Aberdeen) - Murphy, Eileen (Queen's University Belfast) - Crozier, Rebecca (University of Aberdeen) - Oxenham, Marc (University of Aberdeen; Australian National University) - Dittmar, Jenna (University of Aberdeen) - Drain, Deidre - McKinley, Jennifer (Queen's University Belfast)
- 10:15 DISCUSSION SLOT**
- 11:00 INVESTIGATING ENVIRONMENTALLY DRIVEN HEALTH ISSUES IN MEDIEVAL YPRES THROUGH OSTEOLOGICAL- AND STABLE ISOTOPE ANALYSES**
Spros, Rachèl (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel) - Jackson, Veronica (Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel; Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Lambert, Bart (Historical Research Into Urban Transformation Processes Research Unit, Vrije Universiteit Brussel) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Provyn, Steven - Snoeck, Thyl (Anatomical Research and Clinical Studies, Vrije Universiteit Brussel) - Claeys, Philippe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel) - Snoeck, Christophe (Analytical, Environmental & Geo-Chemistry, Dept. of Chemistry, Vrije Universiteit Brussel; Maritime Cultures Research Institute, Dept. of Art Sciences & Archaeology, Vrije Universiteit Brussel)



- 11:15 FROM FISH TO PALEOPATHOLOGY: DIETARY RECONSTRUCTION OF MEDIEVAL PONTEVEDRA (NW SPAIN) COMBINING PALEOPATHOLOGY AND STABLE ISOTOPES**
 Veiga-Rilo, Clara - Mangas-Carrasco, Elvira (CRETUS. Group EcoPast - GI-1553, Area of Archaeology, Dpto History, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela) - López-Costas, Olalla (CRETUS. Group EcoPast - GI-1553, Area of Archaeology, Dpto History, Facultade de Xeografía e Historia, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratorio de Antropología, Departamento de Medicina Legal, Toxicología y Antropología Física, Facultad de Medicina, Universidad de Granada)
- 11:30 FOOD, HEALTH AND ORIGIN OF A CHRISTIAN MOZARABIC RURAL COMMUNITY IN AL-ANDALUS: THE CASE OF TÓZAR (GRANADA, SPAIN)**
 Mattei, Luca - Sarr, Bilal (Department of Medieval History, University of Granada) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - Jiménez Brobeil, Sylvia (Department of Legal Medicine, Toxicology and Physical Anthropology, University of Granada) - Sánchez Almazo, Isabel (LIE Laboratory, CIC, University of Granada) - Abdelaziz, Mohamed (Department of Genetics, University of Granada)
- 11:45 DISCUSSION SLOT**
- 12:00 OF STRESS AND PLAGUE: AN ASSESSMENT OF STRESS INDICATORS IN THREE FRENCH BURIAL SITES RELATED TO THE FIRST PLAGUE PANDEMIC**
 Holleville, Marion (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac) - Durand, Raphaël (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac; Service archéologique de Bourges Plus, Bourges) - Castex, Dominique - Deguilloux, Marie-France (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac) - Kacki, Sacha (UMR 5199 PACEA – De la Préhistoire à l'Actuel : Culture, Environnement et Anthropologie, Université de Bordeaux, CNRS, MC, Pessac; Department of Archaeology, Durham University)
- 12:15 BIOMECHANICS OF PHYSICALLY IMPAIRED INDIVIDUALS IN MEDIEVAL IRELAND**
 White, Jessica (Queen's University Belfast)
- 12:30 INJURED, MAIMED AND IMPAIRED: FEMALE EXPERIENCES OF PHYSICAL IMPAIRMENT AND DISABILITY IN MEDIEVAL SCOTLAND**
 Dittmar, Jenna - Crozier, Rebecca - Baker, Nick (University of Aberdeen) - Cameron, Ali (Cameron Archaeology) - Hall, Derek (University of Stirling) - Mann, Bruce (Aberdeenshire Council Archaeology Service) - Oxenham, Marc (University of Aberdeen; Australian National University)
- 12:45 DISCUSSION SLOT**
- POSTERS**
- A. CHILDHOOD AND ADULT DIETS IN PLAGUE AND FAMINE VICTIMS FROM THE MEDIEVAL MINING COMMUNITY OF KUTNÁ HORA (CZECHIA, 13TH–16TH CENTURY)**
 Drtikolová Kaupová, Sylva (National Museum) - Frolík, Jan - Světlík, Ivo (Czech Academy of Sciences) - Velemínský, Petr (National Museum) - Brzobohatá, Hana (Czech Academy of Sciences)
- B. INFECTIOUS DISEASES IN A MEDIEVAL URBAN ENVIRONMENT: SIGTUNA AS A CASE STUDY**
 Pochon, Zoé - Krzewińska, Maja - Götherström, Anders (Centre for Palaeogenetics, Department of Archaeology and Classical Studies, Stockholm University)
- C. LIVING THROUGH TIMES OF POLITICAL UNREST: EXAMINING LIVING CONDITIONS IN LUXEMBOURG CITY THROUGH OSTEOLOGICAL AND BIOARCHAEOLOGICAL ANALYSES**
 Kremmer, Anne (AG Biogeology, University of Tübingen) - Bocherens, Hervé (Fachbereich Geowissenschaften, Forschungsbereich Paläobiologie, Universität Tübingen; Senckenberg Center for Human Evolution and Palaeoecology - HEP, Universität Tübingen)



269 MORE THAN WALLS AND FENCES - THE IMPORTANCE OF SPACE AND BOUNDARIES IN SYSTEMS OF VIOLENCE AND OPPRESSION

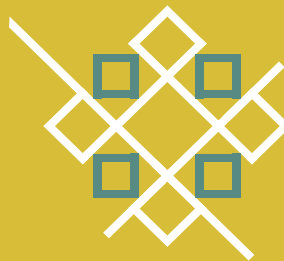
Time: Saturday 3 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Theune, Claudia (University of Vienna) - Rass, Christoph (University of Osnabrück) - Wolff, Frank (University of Osnabrück) - Hinterndorfer, Peter (University of Vienna) - Bobe, Christin (University of Osnabrück)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 NEAR-SURFACE GEOPHYSICS FOR THE NON-INVASIVE LARGE-SCALE INVESTIGATION OF SITES OF VIOLENCE**
Bobe, Christin (Osnabrück University)
- 9:00 LAYOUT AND CAMP STRUCTURE OF NATIONALSOCIALIST CAMPS**
Theune, Claudia (University of Vienna)
- 9:15 DISCUSSION SLOT**
- 9:30 VIEWSHEDS, BORDERS, ACCESSIBILITIES - THE SPATIAL STRUCTURING OF NATIONAL-SOCIALIST FORCED CAMPS ILLUSTRATED BY THE EXAMPLE OF THE CONCENTRATION CAMP MAUTHAUSEN**
Hinterndorfer, Peter (Universität Wien)
- 9:45 IDEOLOGY AND SPACE ON A SITE OF TERROR: THE NS-FORCED LABOUR CAMPS ON TEMPELHOF FIELD, BERLIN**
Mistereck, Kathrin (Freie Universität Berlin)
- 10:00 THE BORDER AS A CONFLICT LANDSCAPE: HOME, MEMORY, AND COMPETING PASTS AT THE "GREEN BELT"**
Wolff, Frank (Osnabrück University)
- 10:15 DISCUSSION SLOT**
- 11:00 BOUNDARIES INSIDE THE BORDER. MILITARISATION OF THE MIGRATION SPACE THROUGHOUT 'FORTRESS EUROPE' STRATEGY IN LAMPEDUSA (ITALY)**
Anichini, Francesca - Gattiglia, Gabriele - Di Pasquale, Caterina - Trabucco, Nicola (University of Pisa)
- 11:15 ISOLATION AND SEGREGATION LANDSCAPE. THE IMPORTANCE OF SPACE AND BOUNDARIES IN THE QUARANTINE INSTITUTIONS**
Cianciosi, Alessandra (University of Amsterdam; Stanford University)
- 11:30 DISCUSSION SLOT**



274 APPROACHES TO COMMUNITIES IN THE PAST AND THE PRESENT

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Borake, Trine (Museum Vestsjælland) - Beck, Anna (Museum Sydøstdanmark) - Heitz, Caroline (University of Oxford) - Austvoll, Knut (University of Oslo)

PAPERS

8:30 INTRODUCTION

8:45 SHARING SLAVES- RURAL COMMUNITIES SEEN THROUGH SLAVE DISPERSAL IN HIGH MEDIEVAL SWEDEN

Roslund, Mats (Institute of Archaeology and Ancient History)

9:00 BUILDING COMMUNITY

Villumsen, Sune (Museum Sydøstdanmark)

9:15 SETTLING WITH THE NORM? USING NORM AND VARIATION IN MATERIAL CULTURE TO STUDY (ROMAN) IRON AGE COMMUNITIES IN THE NETHERLANDS

de Vries, Karen (ADC ArcheoProjecten)

9:30 FROM ARCHAEOLOGICAL RECORD TO SOCIAL DYNAMICS: A NEW APPROACH TO INVESTIGATE SOCIAL ORGANISATION OF NURAGIC COMMUNITIES OVER THE BRONZE AGE

Pisanu, Laura (University of Melbourne)

9:45 BUILDING EARLY VILLAGER COMMUNITIES: SOME REFLECTIONS FROM A NORTHWEST ARGENTINA FORMATIVE LANDSCAPE

López Lillo, Jordi A. (Institute of Heritage Sciences, National Research Council - Incipit-CSIC) - Franco Salvi, Valeria (National University of Córdoba - UNC); National Scientific and Technical Research Council - CONICET) - Salazar, Julián (National University of Córdoba - UNC; National Scientific and Technical Research Council - CONICET)

10:00 WOMEN'S GRAVE COSTUMES FROM THE CRYPTS OF THE BIAŁOWAŻ POST-EVANGELICAL CHURCH

Dobek, Mikolaj (Nicolaus Copernicus University in Toruń) - Majewski, Marcin (University of Szczecin)

10:15 DISCUSSION SLOT

11:00 COMMUNITIES OF THE LIVING AND THE DEAD

Sloth, Pernille (Museum Southeast Denmark)

11:15 TO BE FED IN THE AFTERLIFE: AN ANALYSIS OF MATERIAL CULTURE OF CHILDREN IN PREDYNASTIC EGYPT AT BADARI AND MOSTAGEDDA

Crawford, Courtney (American University in Cairo)

11:30 MEDIEVAL CHURCHYARDS AS COMMUNITIES – A SOCIAL PERSPECTIVE ON URBAN CHURCHYARDS FROM COPENHAGEN, DENMARK

Dahlström, Hanna (Museum of Copenhagen)

11:45 DISCUSSION SLOT

12:00 ARCHAEOLOGY OF A RURAL COMMUNITY IN THE NORTH OF THE IBERIAN PENINSULA

Rebollar Flecha, Luis (University of Oviedo) - López Gómez, Pablo (University of Leon) - Carballido González, Elías - Fernández Mier, Margarita - Fernández Fernández, Jesús (University of Oviedo)

12:15 PAST AND PRESENT OF A MOBILE INDIGENOUS COMMUNITY IN THE MOUNTAINS OF SOUTH CHILE

Toro, Oscar (University College London; Universidad Alberto Hurtado)

12:30 BRONZE AGE MINING AND THE CONSTRUCTION OF COMMUNITY

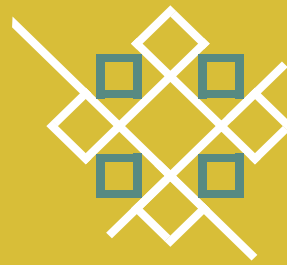
Wager, Emma (Independent Researcher)

12:45 DISCUSSION SLOT

14:00 COMMUNITIES AS DECENTRALISATION

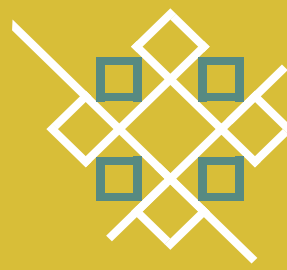
Borake, Trine (Museum Vestsjælland)

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- 14:15** **PEER POLITY INTERACTION AND CREATION OF COMMUNITY IN THE URBANIZATION OF HELLENISTIC WESTERN ANATOLIA**
DiFabio, Christina (University of Michigan)
- 14:30** **MOVEMENT IS COMMUNITY: MOBILITY, VALUE AND CHANGE IN MORE-THAN-HUMAN PLACES**
Kay, Kevin (University of Leicester)
- 14:45** **DISCUSSION SLOT**
- 15:00** **DEFINING COMMUNITIES ACROSS TIME AND SPACE**
Madsen, Mette (Museum of Southeast Denmark)
- 15:15** **NEGOTIATING TAZ SELKUP IDENTITY: ETHNO-ARCHAEOLOGICAL INSIGHTS FROM A HUNTER-FISHER-REINDEER HERDER COMMUNITY IN THE SIBERIAN TAIGA**
Piezonka, Henny (Christian Albrechts University Kiel)
- 15:30** **TEMPORALITY AND COMMUNITY. TIMESCALES FOR SOCIAL AGGREGATION, DIFFERENTIATION AND CHANGE IN EARLY IRON AGE SETTLEMENTS OF EASTERN DENMARK**
Søndergaard, Mathias (Museum Sydøstdanmark)
- 15:45** **DISCUSSION SLOT**



275 THE ROLE OF ARCHAEOLOGY (AND ARCHAEOLOGISTS) IN THE COVID-19 RECOVERY PLANS ACROSS EUROPE AND BEYOND [EAA EXB]

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Taloni, Maria (Ministry of Culture) - Chadburn, Amanda (Historic England) - Byrnes, Emmet (Forest Service Inspectorate)

PAPERS

14:00 INTRODUCTION

14:15 RESPONDING TO THE IMPACT OF COVID-19 ON THE HERITAGE SECTOR IN ENGLAND

Olivier, Adrian - Francesca Benetti, Francesca - Heyworth, Mike (Historic Environment Forum) - Gale, Tess - Chadburn, Amanda (Historic England)

14:30 ARCHAEOLOGY AND COVID-19 IN SCOTLAND – RESILIENCE AND RECOVERY

Aitchison, Kenneth (Landward Research Ltd) - Heald, Andy (Scottish Strategic Archaeology Committee; AOC Archaeology)

14:45 RECOVERING FROM COVID-19 IN IRELAND: ARCHAEOLOGICAL HERITAGE MANAGEMENT

Doyle, Ian (The Heritage Council of Ireland)

15:00 NEXT GENERATION ITALIA: INNOVATIVE DOCTORATES FOR PUBLIC ADMINISTRATION AND CULTURAL HERITAGE

Borgia, Elisabetta - Taloni, Maria (Ministry of Culture, Directorate-General for Education, research and cultural institutes)

15:15 THE PROJECTS OF THE PARCO ARCHEOLOGICO DELL'APPIA ANTICA (MINISTRY OF CULTURE, ITALY) FOR THE COMPLEMENTARY NATIONAL PLAN: CHALLENGES FOR ARCHEOLOGY

Paolillo, Francesca Romana - Pontisso, Mara - Roascio, Stefano - Quilici, Simone - Cugno, Santino Alessandro - Reginaldi, Michele (Ministero della Cultura, Parco Archeologico dell'Appia Antica)

15:30 DISCUSSION SLOT

16:30 CARE FOR THE FUTURE – THE IMPACT OF PUBLIC ARCHAEOLOGICAL PARTICIPATION IN FOUR COUNTRIES BEFORE AND SINCE COVID-19

Lewis, Carena (University of Lincoln) - van Londen, Heleen (University of Amsterdam) - Marciniak, Arkadiusz (Mickiewicz University in Poznań) - Vařeka, Pavel (University of West Bohemia) - Verspay, Johan (University of Amsterdam)

16:45 IMPACT OF COVID-19 CRISIS ON ARCHAEOLOGY. CHALLENGES FOR THE FUTURE

Pyrgaki, Marie (Université Paris I, Panthéon-Sorbonne; Hellenic Open University)

17:00 THE CONFEDERAZIONE ITALIANA ARCHEOLOGI SOCIAL MEDIA PROJECTS DURING THE COVID-19 PANDEMIC: CHANGING THE DIGITAL COMMUNICATION APPROACH TO THE ONLINE COMMUNITY

Riva, Alessandra - Gusberti, Elisa - Donati, Nicoló - Magliaro, Tommaso (Confederazione Italiana Archeologi)

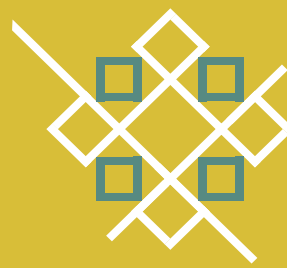
17:15 NEW SOLUTIONS TO AGE OLD ISSUES? EXPLORING THE POTENTIAL FOR INNOVATION WITH SKILLS AND PROFESSIONAL DEVELOPMENT IN ARCHAEOLOGY

Jones, Cara (Chartered Institute for Archaeologists)

17:30 DIGITAL EXCAVATION AND THE NEW SKILLS FOR ARCHAEOLOGISTS IN DELTA PROJECT

Polymeropoulou, Panagiota (DAISSy research group - Hellenic Open University; Department of Management Science and Technology, University of Patras) - Kameas, Achilles (Hellenic Open University; DAISSy research group - Hellenic Open University) - Papadatos, Ioannis - Kalara, Antigoni (Department of History and Archaeology, National and Kapodistrian University of Athens) - Sogliani, Francesca (University of Basilicata; Post-graduate School of Archaeological Heritage, Department of European and mediterranean Cultures. Architecture, Environment and Cultural Heritage, Matera) - Roubis, Dimitris (University of Basilicata, Department of European and Mediterranean Cultures. Architecture, Environment and Cultural Heritage; ISPC CNR, Matera) - Tóth, Peter - Malířková, Johana - Hons, David (Department of Archaeology and Museology, Masaryk University, Brno)

17:45 DISCUSSION SLOT



283 (RE)INTEGRATION OF THE CARPATHIAN BASIN INTO THE EUROPEAN MIDDLE PALAEO-LITHIC: CULTURAL CONTACTS, INTERREGIONAL MOBILITIES, VARIABILITY IN SUBSISTENCE AND SETTLEMENT STRATEGIES [PAM]

Time: Saturday 3 Sept, 8:30 - 15:30

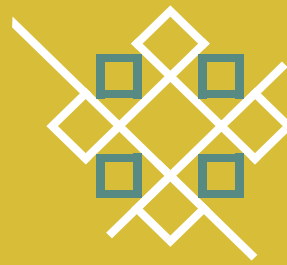
Format: Regular session

Organisers: Mester, Zsolt (Institute of Archaeological Sciences, Eötvös Loránd University; UMR 7194 HNHP CNRS/MNHN/UPVD, Institut de Paléontologie humaine) - Lamotte, Agnès (UMR 8164 du CNRS, HALMA, University of Lille, Bâtiment de Géographie)

PAPERS

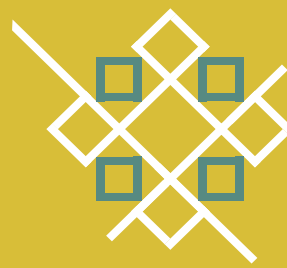
- 8:30 OVERVIEW OF THE MIDDLE PALAEO-LITHIC OF HUNGARY IN EUROPEAN CONTEXT 45 YEARS LATER: ADVANCES AND NEW PROBLEMS**
Mester, Zsolt (Eötvös Loránd University Institute of Archaeological Sciences; UMR 7194 HNHP CNRS/MNHN/UPVD, Paris)
- 8:45 GEOCHRONOLOGICAL FRAMEWORK OF THE MIDDLE PALAEO-LITHIC IN HUNGARY**
Ágnes, Novothny - Fonai, Milán (ELTE TTK)
- 9:00 NEANDERTHAL SUBSISTENCE STRATEGIES IN HUNGARY FROM MIS 5 TO MIS 3**
Seguedy, Marie (Institute of Archaeological Sciences, Eötvös Loránd University; UMR 7194 - HNHP, MNHN/CNRS/UPVD, Alliance Sorbonne Université, Institut de Paléontologie Humaine) - Patou-Mathis, Marylène (UMR 7194 - HNHP, MNHN/CNRS/UPVD, Alliance Sorbonne Université, Institut de Paléontologie Humaine)
- 9:15 DISCUSSION SLOT**
- 9:30 RECENT DATA FROM SAJÓBÁBONY-MÉHÉSZ-TETŐ OPEN-AIR SITE : CHRONOSTRATIGRAPHY AND PALAEOENVIRONMENTAL RECORDS OF THE EPONYMOUS BÁBONYIAN (HUNGARY)**
Salvador, Pierre (University of Lille) - Novothny, Agnes - Fonai, Milán (University of Budapest) - Marcoux, Nancy (University of Rennes 1) - Bout-Roumazielles, Viviane (University of Lille) - Berger, Jean-François (University of Lyon 2) - Ventalon, Sandra - Lamotte, Agnes (University of Lille) - Mester, Zsolt (University of Budapest)
- 9:45 RE-READING THE LITHIC INDUSTRY OF THE EPONYMOUS BÁBONYIAN SITE AT SAJÓBÁBONY (BÜKK MOUNTAIN, HUNGARY).**
Lamotte, Agnes (University of Lille) - Mester, Zsolt (University of Budapest)
- 10:00 WEAR ANALYSIS OF THE LITHIC MATERIAL FROM SAJÓBÁBONY-MÉHÉSZ-TETŐ, HUNGARY**
Borel, Antony (Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD, Paris; Institute of Archeological Sciences, Eötvös Loránd University, Budapest) - Mester, Zsolt (Institute of Archeological Sciences, Eötvös Loránd University, Budapest; Histoire Naturelle de l'Homme Préhistorique - HNHP, Muséum national d'histoire naturelle, CNRS, UPVD, Paris) - Lamotte, Agnès (University of Lille, HALMA Research Centre)
- 10:15 DISCUSSION SLOT**
- 11:00 THREE CLASSICAL OPEN-AIR SITES OF THE BÁBONYIAN ON THE EASTERN MARGIN OF THE BÜKK MOUNTAINS (NORTHEAST HUNGARY): NEW INSIGHTS**
Gábrriel, Sára (Eötvös Loránd University) - Béres, Sándor (independent researcher)
- 11:15 THE VARIABILITY OF THE MIDDLE PALAEO-LITHIC LEAF POINT INDUSTRIES IN THE CSERHÁT REGION AND THE IPOLY/IPEL' VALLEY**
Markó, András (Hungarian National Museum - Budapest; University of Szeged) - Zandler, Krisztián (Ferenczy Museum Centre, Szentendre; University of Szeged) - Péntek, Attila (Independent researcher)
- 11:30 MIDDLE PALEOLITHIC OF THE PETROVARADIN FORTRESS IN A REGIONAL CONTEXT**
Mihailovic, Dusan - Dragosavac, Sofija (University of Belgrade - Faculty of Philosophy) - Marković, Jelena - Mihailović, Bojana (National Museum in Belgrade) - Plavšić, Senka (University of Belgrade - Faculty of Philosophy)
- 11:45 DISCUSSION SLOT**

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- 12:00 NEANDERTHAL DISPERSALS NORTHWARDS: TECHNOLOGICAL CONNECTIONS BETWEEN THE CARPATHIAN BASIN AND THE CENTRAL EUROPEAN MICOQUIAN**
Picin, Andrea (Friedrich Schiller Universität Jena) - Kerneder-Gubała, Katarzyna (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Stefański, Damian (Archaeological Museum in Kraków)
- 12:15 THE LEVALLOIS TECHNIQUE AS A FACTOR DEFINING MIDDLE PALAEOLITHIC TAXONOMIC UNITS IN SOUTHERN POLAND**
Stefanski, Damian (Archaeological Museum in Kraków) - Picin, Andrea (Bereich für Ur- und Frühgeschichtliche Archäologie, Friedrich Schiller Universität Jena) - Valde-Nowak, Paweł (Institute of Archaeology, Jagiellonian University)
- 12:30 RESULTS OF USE-WEAR ANALYSIS OF TOOLS FROM LATE MIDDLE PALAEOLITHIC SITES LOCATED IN THE ODRA VALLEY, POLAND**
Chlon, Marcin (Institute of Archaeology University of Wrocław) - Pyżewicz, Katarzyna (Faculty of Archaeology University of Warsaw) - Kufel-Diakowska, Bernadeta - Wiśniewski, Andrzej (Institute of Archaeology University of Wrocław)
- 12:45 DISCUSSION SLOT**
- 14:00 UNREMARKABLE TRANSITIONS IN THE EASTERN CARPATHIANS: THE MIDDLE TO UPPER PALEOLITHIC TRANSITION IN ROMANIA**
Chu, Wei (Leiden University) - Doboş, Adrian (Romanian Academy of Sciences)
- 14:15 DISCUSSION SLOT**
- POSTERS**
- A. MIDDLE PALAEOLITHIC OF THE MÁTRA REGION (NORTHERN HUNGARY): NEW INVESTIGATIONS AT GYÖNGYÖSTARJÁN 10 SITE**
Gutay, Mónika (Hungary - Dobó István Castle Museum)



284 VISUALIZING, INTERPRETING, AND PRESENTING ARCHAEOLOGICAL SITES TO THE PUBLIC

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Thomas, Ben (Archaeological Institute of America) - Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute; ICArEHB-UAIG)

PAPERS

8:30 INTRODUCTION

8:45 CONTEXTUALIZING ARCHAEOTOURISM AND THE VISITOR'S EXPERIENCE

Thomas, Ben (Archaeological Institute of America; Berklee College of Music)

9:00 GUIDELINES, RIGHT-HOLDERS, AND STAKEHOLDERS: HOW ARE WE COMMUNICATING AND EDUCATING IN ARCHAEOTOURISM?

Fonseca, Sofia (Teiduma, Consultancy on Heritage and Culture; German Archaeological Institute)

9:15 THE PAST RECONSTRUCTED AND RELIVED: BETWEEN VISUALISATION, EXPERIENCES, EDUCATION AND COMMERCIALISATION

Pawleta, Michal (Adam Mickiewicz University)

9:30 TRACES OF EXISTENCE – CAPTURING AND DISPLAYING A BRIEF MOMENT IN TIME

Toreld, Christina - Johansson, Eirik (Bohusläns Museum)

9:45 FROM THE ARCHAEOLOGICAL REMAINS TO THE CO-CREATION OF MEMORIES

Vieira, Alexandra (CITCEM - Transdisciplinary Research Centre «Culture, Space and Memory»); Instituto Politécnico de Bragança) - Pires, Raquel (Instituto Politécnico de Bragança; ID+, Instituto de Investigação em Design, Media e Cultura)

10:00 THE CONSERVATION AND EXHIBITION PROGRAM OF VÉSZTŐ-MÁGOR, HUNGARY

Seifert, Jerrod - Lingle, Ashley (Cardiff University) - Gyucha, Attila (University of Georgia) - Parkinson, William (Field Museum; University of Illinois - Chicago) - Duffy, Paul (University of Kiel)

10:15 DISCUSSION SLOT

11:00 ANCIENT FINDS FOR MODERN TIMES. DEVELOPING A VR EXHIBITION FOR ARCHAEOLOGICAL SITES ON THE LOWER DANUBE: CIRNA AND NUFARU (ROMANIA)

Bors, Corina Ioana (National History Museum of Romania - MNIR) - Suteu, Calin (Gigapixel Art) - Cocis, Horatiu (County Museum of History and Art - Zalău - Salaj) - Florea, Mihai - Damian, Paul - Vasile, Mihai (National History Museum of Romania - MNIR) - Damian, Oana ("Vasile Parvan" Institute of Archaeology)

11:15 OTHER EYES: USING AVATARS AND IMMERSIVE REALITY FOR EMBODIED ARCHAEOLOGICAL INTERPRETATION

Morgan, Colleen (University of York) - Eve, Stuart (L-P Archaeology) - Alexander, Michelle (University of York)

11:30 PRESENTATION OF ARCHAEOLOGICAL SITES AND SUSTAINABLE CULTURAL TOURISM – HOW IT WORKS IN REAL LIFE EXAMPLES

Lukacevic, Marijana (Private company)

11:45 MUGEPORTAL: A DIGITAL PLATFORM FOR THE LAST HUNTER-GATHERERS OF THE TAGUS VALLEY, PORTUGAL

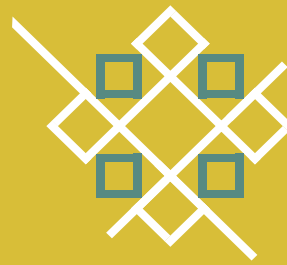
Gonçalves, Célia (ICArEHB, Universidade do Algarve) - Umbelino, Cláudia (CIAS, Universidade de Coimbra; ICArEHB, Universidade do Algarve) - Figueiredo, Mauro (Universidade do Algarve) - Cascalheira, João - Godinho, Ricardo - Belmiro, Joana - André, Lino - Martins, Daniel - Matias, Roxane - Bicho, Nuno (ICArEHB, Universidade do Algarve)

12:00 LASTING IMPRESSIONS: PRESENTING ARCHAEOLOGICAL SITES OF THE XEROS RIVER VALLEY (CYPRUS) THROUGH 3D MODELS AND AUGMENTED REALITY

Ripanti, Francesco (Independent researcher) - Papantoniou, Giorgos (Trinity College Dublin, The University of Dublin) - Vionis, Athanasios (University of Cyprus) - Lanitis, Andreas (Cyprus University of Technology) - Ioannou, Eleftherios (The University of Sheffield)

12:15 UIST UNEARTHED: VISUALISING ARCHAEOLOGICAL SITES THROUGH AUGMENTED REALITY

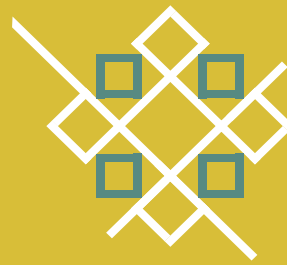
Gal, Emily - Rennell, Rebecca (University of the Highlands and Islands)



- 12:30 DISCUSSION SLOT**
- 14:00 HOW IDEALISED VIRTUAL REALITY MEDIATES ARCHAEOLOGICAL SCIENTIFICITY TO THE PUBLIC**
Lengyel, Dominik - Toulouse, Catherine (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 14:15 VISUALIZING VIKING AGE AND MEDIEVAL TOWNS AND CENTRAL PLACES IN NORWAY. DIGITAL DISSEMINATION**
Nytun, Arve (Møre og Romsdal county)
- 14:30 TURNING THE ARCHAEOLOGICAL SITE OF ELEUSIS INTO MYELEUSIS: VIRTUAL AND AUGMENTED REALITY AGAINST OR PRO PHYSICAL SITE VISITS?**
Tsiafaki, Despoina (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch) - Papangeli, Kalliopi (Ephorate of Antiquities of West Attica) - Mourthos, Ioannis - Motsiou, Paraskevi - Michailidou, Natasa (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch) - Tzavali, Chrysanthi - Kazazaki, Christina (Ephorate of Antiquities of West Attica) - Koutsoudis, Anestis - Kiourt, Chairi - Ioannakis, George (Culture & Creative Industries Dpt, Athena Research Center, Xanthi Branch)
- 14:45 PUIG CIUTAT, A LOW BUDGET ARCHAEOLOGICAL PARK**
Tamba, Robert - Pujol, Angels (GIRA Association) - Sala, Roger (SOT Archaeological Prospection) - Ble, Eduard (DID-PATRI - University of Barcelona)
- 15:00 VISUALIZING, RECONSTRUCTING, AND „VISITING” THE PAST: A CHALLENGE FOR THE MODERN ARCHAEOLOGIST?**
Dimopoulou, Sotiria (Classical Archaeology, University of Münster)
- 15:15 TRANSLATING GEOARCHAEOLOGY INTO GEO-EDUCATIONAL ITINERARIES IN THE MOLINA AND ALTO TAJO UNESCO GLOBAL GEOPARK, GUADALAJARA, SPAIN**
Banerjea, Rowena (University of Reading) - García-Contreras Ruiz, Guillermo (Universidad de Granada) - Monasterio, Manolo (Geoparque de la Comarca de Molina de Aragón-Alto Tajo and Museos de Molina) - Mattei, Luca (Universidad de Granada) - Pluskowski, Aleks (University of Reading)
- 15:30 DISCUSSION SLOT**

POSTERS

- A. ECHOES-DIGITAL RECONSTRUCTION OF ANCIENT HUMAN BIOGRAPHIES THROUGH THE STUDY OF ARCHAEO-ANTHROPOLOGICAL MATERIAL FROM THESSALONIKI, GREECE**
Aidonis, Asterios (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Georgiou, Georgia - Kompatsiaris, Ioannis (Centre for Research and Technology Hellas - CERTH/ITI) - Protosalti, Sultana - Tzevreni, Stavroula (Ephorate of Antiquities of Thessaloniki City, Hellenic Ministry of Culture and Sports) - Alagialoglou, Cleopatra - Mavrokostidou, Maria (TETRAGON) - Kartsiakli, Vasiliki - Vraka, Christina (dot2dot) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)



289 THE MATERIALITY OF LIVED RELIGION UNDER AND AFTER ROME

Time: Saturday 3 Sept, 8:30 - 12:30

Format: Regular session

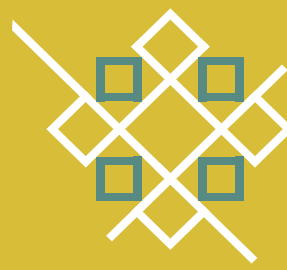
Organisers: Fleming, Robin (Boston College) - Effros, Bonnie (University of British Columbia)

PAPERS

- 8:30** **DECAPITATED DOGS AS A MATERIAL OF RELIGION IN IN ROMAN BRITAIN**
Fleming, Robin (Boston College)
- 8:45** **NEPTUNE AND OCEANUS IN ROMAN BRITAIN: EVIDENCE FOR THEIR CULT AND THE BUILDING OF PROVINCIAL CULTURE**
Goldstein, Avner (Boston College)
- 9:00** **THE SACRED STONES WORSHIP CONCEPTS FROM GREEK & ROMAN MYTHOLOGY TO ISLAM RELIGIOUS PRACTICE**
Zear, Asem (Pázmány Péter Catholic University)
- 9:15** **DISCUSSION SLOT**
- 9:30** **THE LIVING, THE DEAD, AND WHAT TO BELIEVE**
Wenn, Camilla Cecilie (Museum of Cultural History, University of Oslo)
- 9:45** **ALIGNING THE DEAD: RETHINKING BURIAL ORIENTATION AND CHRISTIAN CONVERSION**
Mason, Austin (Carleton College) - Hosek, Lauren (University of Colorado, Boulder)
- 10:00** **LIVING AND DYING UNDERGROUND: LIVED RELIGION IN THE CAVES OF ROMAN AND POST-ROMAN BRITAIN**
D'Alisera, Alexander (Boston College)
- 10:15** **DISCUSSION SLOT**
- 11:00** **MONUMENTAL BRONZES OF THE 11TH-12-TH CENTURY: THE CASE OF BRONZE DOORS**
Mödlinger, Marianne (IMAREAL, Universität Salzburg) - Bernabei, Mauro - Bontadi, Jarno (CNR-IBE) - Fera, Martin (Universität Wien) - Schlie, Heike - Utz, Judith (IMAREAL, Universität Salzburg) - Abate, Francesco (Istituto Italiano di Tecnologia; Università Ca' Foscari Venezia)
- 11:15** **MONKS AND MARY, PATRONS AND THE PARISH: A HOLISTIC APPROACH TO MEDIEVAL RELIGIOUS LIFE IN THE MONASTIC CHURCH IN TEWKESBURY**
March, Eleanor (University of Exeter)
- 11:30** **DISCUSSION SLOT**

POSTERS

- A.** **ARCHITECTURE AS EVIDENCE OF RELIGION**
Hoxha, Zana (Institute of Albanology)



291 INTERACTION IN NEOLITIZATION, NEOLITIZATION AS INTERACTION. ARCHAEOLOGICAL DATA AND ANALYTICAL PROCEDURES FOR DEFINING INTERACTION CONTEXTS [PAM]

Time: Saturday 3 Sept, 14:00 - 18:30

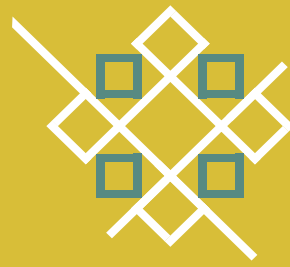
Format: Regular session

Organisers: Cortell-Nicolau, Alfredo (University of Cambridge) - García Martínez de Lagran, Íñigo (Universidad Nacional de Educación a Distancia) - García-Puchol, Oreto (Universitat de València)

PAPERS

- 14:00 CONTINUITY, DISCONTINUITY AND THE SOCIAL ROLE OF HOARDING OVER THE MESOLITHIC-NEOLITHIC TRANSITION IN SOUTHERN SCANDINAVIA**
Bjørnevad-Ahlgvist, Mathias (University of Copenhagen) - Fischer Stephansen, Clara (Museum Østjylland) - Sørensen, Lasse (National Museum of Denmark)
- 14:15 THE BEGINNING OF THE LBK IN THE EXTREME SOUTHWEST OF ITS SPREAD IN EUROPE**
Krauss, Raiko (Institut für Ur- und Frühgeschichte und Archäologie, es Mittelalters) - Bofinger, Jörg (Landesamt für Denkmalpflege Baden-Württemberg)
- 14:30 MODELLING PARA-NEOLITHIC "RECONQUISTA": HUNTER-GATHERERS' REVIVAL OF THE EARLY VTH MILL. BC IN THE SOUTH OF EASTERN EUROPE**
Kiosak, Dmytro (Ca' Foscari University of Venice) - Radchenko, Simon (Università degli Studi di Torino)
- 14:45 DISCUSSION SLOT**
- 15:00 MESOLITHIC RESILIENCE, INTERACTIONS AND ACCULTURATION IN THE TRANSITION TO NEOLITHIC. THE VIDIGAL CASE STUDY IN THE PORTUGUESE SOUTHWEST COAST**
Soares, Joaquina (Museum of Archaeology and Ethnography of the District of Setúbal/AMRS; Archaeological Centre of the University of Lisbon- UNIARQ) - Tavares da Silva, Carlos (Archaeological Centre of the University of Lisbon- UNIARQ)
- 15:15 NERJA-CONDUCT OF DISCOVERY: NEW DATA ON THE RECENT PREHISTORY OF THE SOUTHEAST OF THE IBERIAN PENINSULA**
Alvarez-Fernández, Esteban (University of Salamanca) - Agirre, Amaia (Universitat Autònoma Barcelona) - Aura, J. Emili - Carrión, Yolanda (Universitat de València) - Cerezo-Fernández, Rosana (Universidad de Salamanca) - Fernández-Mallo, Carla (Universitat de València) - García Borja, Pablo (UNED) - Portero, Rodrigo (Universidad de Salamanca) - Rufà, Anna (Universidade do Algarve) - Sanchidrián, José Luis (Universidad de Córdoba)
- 15:30 - POTTERIES FOR ARROWS?... - IT'S A DEAL! POSSIBLE CONTEXTS OF MESOLITHIC-NEOLITHIC INTERACTION IN THE EBRO VALLEY (SPAIN)**
García-Martínez De Lagrán, Íñigo (UNED)
- 15:45 DISCUSSION SLOT**
- 16:30 NEOLITHIZATION AS INTERACTION IN THE HIGH CANTABRIAN MOUNTAINS**
Diez Castillo, Agustín (Universitat de València)
- 16:45 TESTING MODELS FOR CULTURAL DIVERSITY IN THE NEOLITHIZATION SPREAD AT THE EAST OF IBERIA**
Cortell-Nicolau, Alfredo (University of Cambridge) - García-Puchol, Oreto (Universitat de València) - Juan-Cabanilles, Joaquim (Servei d'Investigació Prehistòrica. Museu de Prehistòria de València)
- 17:00 SOCIAL NETWORK ANALYSIS AS AN INTERACTION METHODOLOGY. A PRACTICAL EXAMPLE IN PREHISTORY**
Jiménez-Puerto, Joaquín R (Departamento de Prehistoria, Arqueología e Historia Antigua de la UVEG) - Puerto, M^a Pilar (Universitat de València. Facultat de Geografia i Història)
- 17:15 DISCUSSION SLOT**
- 17:30 DECOLONIZING THE NEOLITHIC RESEARCH CURRICULUM: A NEW MODEL CHARACTERIZING THE NEOLITHIC TRANSITION IN TURKEY**
Menemenli, Yasemin (Umea University)

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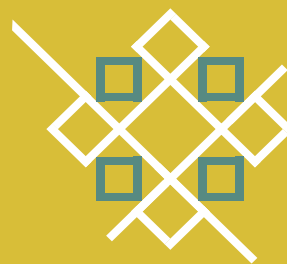


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17:45 **ALONG THE SPECTRA: AN INTEGRATIVE MULTI-SCALAR APPROACH TO INTERACTION BETWEEN "FARMERS" AND "FORAGERS"**

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

18:00 **DISCUSSION SLOT**



298 RAW MATERIAL ACQUISITION, MANAGEMENT AND TECHNOLOGICAL CHOICES FROM THE MESOLITHIC TO THE BRONZE AGE IN SOUTH-EASTERN EUROPE [PAM]

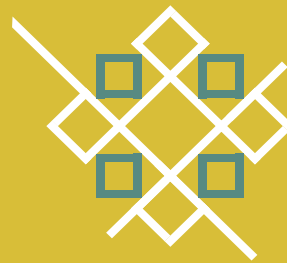
Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

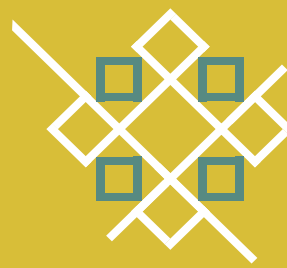
Organisers: Vitezovic, Selena (Institute of Archaeology, Belgrade) - Arampatzis, Christoforos (Archaeological Service of Rhodope, Ministry of Culture and Sports, Greece; Aristotle University of Thessaloniki) - Rajkovic, Dragana (Archaeological Museum, Osijek)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 UNDER PRESSURE –LITHIC RAW MATERIAL PROCUREMENT STRATEGY: A CASE STUDY OF VLAKNO CAVE (CROATIA)**
 Bodružić, Mario (University of Zadar) - Perhoč, Zlatko (Independent researcher) - Vujević, Dario (University of Zadar)
- 9:00 CHERT DEPOSITS IN ISTRIA, CROATIA - POSSIBLE SOURCES FOR PREHISTORIC COMMUNITIES**
 Šprem, Katarina (Juraj Dobrila University of Pula)
- 9:15 DISCUSSION SLOT**
- 9:30 LITHIC RAW MATERIALS AND INTERACTION SPHERES: AN EARLY NEOLITHIC CASE STUDY FROM BULGARIA**
 Gurova, Maria (National Institute of Archaeology with Museum, Bulgarian Academy of Sciences) - Bonsall, Clive (School of History, Classics and Archaeology, University of Edinburgh)
- 9:45 OBSIDIAN EXCHANGE IN EARLY NEOLITHIC EASTERN HUNGARY**
 Priskin, Annamaria - Szeverényi, Vajk (Deri Muzeum)
- 10:00 RAW MATERIAL CHOICES IN EARLY HOLOCENE CYPRUS AND THE DEVELOPMENT OF THE EASTERN MEDITERRANEAN SOCIALSCAPE**
 Moutsiou, Theodora (University of Cyprus)
- 10:15 DISCUSSION SLOT**
- 11:00 RESULTS OF THE RECENT EXCAVATIONS OF THE LATE NEOLITHIC SITE KOTLINA, BARANYA COUNTY: FLINT, STONE AND BONE ARTEFACTS**
 Rajkovic, Dragana (Archaeological Museum Osijek) - Šprem, Katarina (Juraj Dobrila University of Pula) - Vitezović, Selena (Institute of Archaeology)
- 11:15 STRATEGIES OF RAW MATERIAL ACQUISITION AND TOOL PRODUCTION AT THE NEOLITHIC LAKESIDE SETTLEMENT ANARGHIRI IXB, WESTERN MACEDONIA, GREECE**
 Papadopoulou, Stella (Archaeological Museum of Thessaloniki)
- 11:30 ANTLER EXPLOITATION IN THE NEOLITHIC WETLANDS OF WESTERN MACEDONIA, GREECE. EVIDENCE FROM THE SETTLEMENT ANARGHIRI IXB**
 Arampatzis, Christoforos (Aristotle University of Thessaloniki)
- 11:45 DISCUSSION SLOT**
- 12:00 BONE WORKING AND IDENTIFYING CHANGES IN BONE-WORKING TECHNOLOGICAL KNOWLEDGE. THE CASE OF 'MANUFACTURE-BY-WEAR' TECHNIQUES**
 Margarit, Monica (Valahia University of Targoviste) - Boroneant, Adina ('Vasile Pârvan' Institute of Archaeology, Romanian Academy)
- 12:15 MANAGING OSSEOUS AND OTHER RAW MATERIALS IN A MIDDLE BRONZE AGE STRONGHOLD FROM THE EASTERN CARPATHIANS (SILIȘTE-PE CETĂȚUIE, ROMANIA)**
 Bejenaru, Luminita ("Alexandru Ioan Cuza" University of Iași, Faculty of Biology) - Drob, Ana ("Alexandru Ioan Cuza" University of Iași, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center) - Bolohan, Neculai ("Alexandru Ioan Cuza" University of Iași, Faculty of History)
- 12:30 IMPORTED MOLLUSCS IN THE CENTRAL BALKANS AND SOUTHERN CARPATHIAN BASIN IN THE NEOLITHIC REVISITED**
 Vitezovic, Selena (Institute of Archaeology, Belgrade) - Rajković, Dragana (Archaeological Museum Osijek)



- 12:45** **DISCUSSION SLOT**
- 14:00** **PRECIOUS ITEMS FROM THE SOUTH AND THEIR LOCAL IMITATIONS: SHELL ORNAMENTS IN THE NEOLITHIC IN POLAND**
Kurzawska, Aldona (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University in Poznan)
- 14:15** **FROM TURQUOISE TO COPPER – THE ROLE OF BEADS AND COLOUR IN THE EARLY PRELUDES TO METALLURGY**
Bruvoll, Hallvard (University of Oslo, Department of Archaeology, Conservation and History)
- 14:30** **THE EXPLOITATION OF LOCAL RESOURCES AND INTERCOMMUNAL EXCHANGES IN NEO-ENEOLITHIC. SOME OBSERVATIONS FOR THE SUBCARPATHIAN AREA FROM EASTERN ROMANIA**
Diaconu, Vasile (Neamt National Museum Complex)
- 14:45** **DISCUSSION SLOT**
- 15:00** **EVIDENCE AND OPTIONS OF THE PREHISTORIC SALT EXPLOITATION IN THE CARPATHIAN MOUNTAINS**
Porubcanová, Zuzana (Department of Archaeology and Museology, Masaryk University Brno)
- 15:15** **PECICA-ŞANŢUL MARE (ROMANIA): A REGIONAL CENTER FOR CRAFT AND TRADE IN THE MIDDLE BRONZE AGE**
Nicodemus, Amy (University of Wisconsin-La Crosse) - O'Shea, John (University of Michigan)
- 15:30** **THE USAGE OF CLAY SOURCES IN MIDDLE BRONZE AGE. A CASE STUDY FROM EASTERN ROMANIA**
Drob, Ana ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Bolohan, Neculai ("Alexandru Ioan Cuza" University, Faculty of History, Iași) - Vasilache, Viorica ("Alexandru Ioan Cuza" University, Interdisciplinary Research Institute, Department of Exact Sciences and Natural Sciences, Arheoinvest Center, Iași) - Răţoi, Bogdan ("Alexandru Ioan Cuza" University, Faculty of Geography and Geology, Iași) - Brebu, Mihai ("Petru Poni" Institute of Macromolecular Chemistry, Iași)
- 15:45** **DISCUSSION SLOT**



304 INVESTIGATING SZÉKELY HISTORY THROUGH REGIONAL AND INTERDISCIPLINARY APPROACHES

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Odorheiu Secuiesc)

PAPERS

14:00 INTRODUCTION

14:15 INVESTIGATING THE ARCHAIC AND MODERN-DAY SZÉKELY GENE POOL AROUND SZÉKELYUDVARHELY

Borbély, Noémi (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Szeifert, Bea (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest; Doctoral School of Biology, Institute of Biology, ELTE Eötvös Loránd University, Budapest) - Kerestély, Koppány (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest) - Pamjav, Horolma (Laboratory of Reference Samples Analysis, Institute of Forensic genetics, Hungarian Institute for Forensic Sciences, Budapest) - Egyed, Balázs (Department of Genetics, Faculty of Natural Sciences, ELTE Eötvös Loránd University, Budapest) - Nyárádi, Zsolt - Sófalvi, András (Haáz Rezső Museum, Odorheiu Secuiesc) - Gál, Szilárd Sándor (Muzeul Județean Mureș, Târgu Mureș) - Benkő, Elek (Institute of Archeology, Research Centre for the Humanities, Budapest) - Szécsényi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Budapest)

14:30 UNDERSTANDING SZÉKELY LIFE THROUGH BURIAL PRACTICES FROM A MORTUARY CONTEXT IN TRANSYLVANIA

Reinman, Lauren (George Mason University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Odorheiu Secuiesc)

14:45 UNDERSTANDING THE USE OF COINS IN SZÉKELY BURIALS, 12TH TO 17TH CENTURY

Privette, Cameron - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Odorheiu Secuiesc)

15:00 FORGED IN BAIA MARE: SOCIAL RELATIONSHIPS AND THE EMBODIMENT OF MEDIEVAL GOLD MINING IN A 14TH-17TH CENTURY TRANSYLVANIAN CEMETERY

Mollard, Priscilla - Zimmer, Adam (Rivulus Dominarum Bioarchaeology; University of Massachusetts Amherst)

15:15 DEMOGRAPHIC VARIATION AMONG MULTI-PERSON, CEMETERY INTERNMENTS IN MEDIEVAL AND BAROQUE SZEKLER TRANSYLVANIA

Zejdlik, Katie (Western Carolina University) - Bethard, Jonathan (University of South Florida) - Nyárádi, Zsolt (Haáz Rezső Múzeum, Székelyudvarhely) - Kulhavy, Kathryn (University of Tennessee, Knoxville)

15:30 UN-ERASING THE INVISIBLE ELDERLY IN BIOARCHAEOLOGY: AN EXAMPLE FROM THE SZÉKELYFÖLD

Bethard, Jonathan (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum)

15:45 DISCUSSION SLOT

16:30 AN ANALYSIS OF DENTAL-SKELETAL AGE DISCREPANCY IN A MEDIEVAL TRANSYLVANIAN POPULATION

Bews, Elizabeth (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArchaeoTek Canada, LLC) - Bethard, Jonathan (University of South Florida)

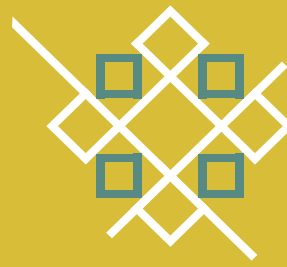
16:45 AN EXPLORATION OF STRESS AND DIET THROUGH CARBON AND NITROGEN STABLE ISOTOPE ANALYSIS IN LATE MEDIEVAL-EARLY MODERN ROMANIA

Watson, Jenna (The University of Tennessee Knoxville) - Constantinescu, Mihai (Francisc I. Rainer Institute of Anthropology, Romanian Academy; Faculty of History, University of Bucharest)

17:00 TRANSYLVANIA DIET: A COMPARATIVE INVESTIGATION OF A SAXON COMMUNITY FROM BRAȘOV, ROMANIA (14TH-18TH CENT.)

Barkmeier, Jonathan (University of Central Florida)

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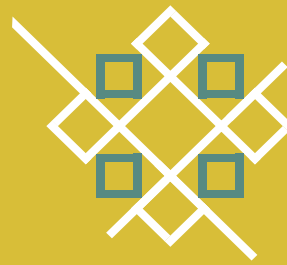
17:15

SZÉKELY SUBSISTENCE AND SOCIAL STRATIFICATION REVEALED THROUGH STABLE ISOTOPE ANALYSIS

Bethard, Jonathan (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArcheoTek, LLC)

17:30

DISCUSSION SLOT



305 UNRAVELLING THE URBAN PALIMPSEST: THE RE-USE AND INTEGRATION OF URBAN FABRIC IN TIME AND SPACE [URBAN ARCHAEOLOGY COMMUNITY]

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands) - Belford, Paul (Clwyd-Powys Archaeological Trust) - Kolláth, Ágnes (Archaeological Institute Hungarian Academy of Sciences)

PAPERS

14:00 INTRODUCTION

14:15 INTRODUCTION TO UNRAVEL THE PALIMPSEST

Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)

14:30 THE RECUPERATION AND REINTEGRATION OF MODERN AGE QANATS IN MADRID: AN EXAMPLE OF A HIDDEN BUT ESSENTIAL LANDSCAPE

Zamora, Aurea (Independent researcher) - Briones Martínez, Cecilia (Ayuntamiento de Madrid) - Arnáiz Barrio, Fernando - González García, Toñi (Cotas 0,00 s.l.)

14:45 CROSS, HALF MOON, GUNPOWDER – CHURCHES OF HUNGARIAN CITIES IN THE OTTOMAN–HABSBURG WARS' NORTH-WESTERN BORDER ZONE

Kolláth, Ágnes (Bölcsészettudományi Kutatóközpont)

15:00 MAKING ROOM FOR SPECTACULA: THE ENTERTAINMENT BUILDINGS IN THE URBAN DEVELOPMENT OF ROMAN THRACE

Andreeva, Petya (Austrian Archaeological Institute)

15:15 DISCUSSION SLOT

15:30 PHENOMENA OF RE-USE AND INTEGRATION OF THE URBAN GRID IN THE CITYSCAPE OF NEA PAPHOS; THE CAPITAL OF HELLENISTIC-ROMAN CYPRUS

Miszk, Lukasz (Institute of Archaeology Jagiellonian University) - Kubicka-Sowińska, Anna (Warsaw University of Technology) - Papuci-Władyka, Ewdoksia (Institute of Archaeology Jagiellonian University; University of Warsaw) - Brzozowska-Jawornicka, Aleksandra (Wrocław University of Science and Technology) - Ostrowski, Wojciech (Warsaw University of Technology) - Michalik, Michał (Institute of Archaeology Jagiellonian University)

15:45 SETTLEMENT PATTERN MODELLING AND THE STRUCTURE OF URBANISM OVER TIME AT ANGKOR, CAMBODIA

Klassen, Sarah (Leiden University) - Fletcher, Roland (University of Sydney)

16:30 THE EVOLUTION OF THE URBAN FABRIC OF CARDONA (BARCELONA) FROM ROMAN TIMES TO PRESENT DAY

Pancorbo Picó, Ainhoa (Town Hall of Cardona)

16:45 URBAN STORIES FROM A SEVEN HILLS CAPITAL IN EASTERN ROMANIA

Bolohan, Neculai („Alexandru Ioan Cuza” University of Iași) - Drob, Ana - Asăndulesei, Andrei (Alexandru Ioan Cuza” University, Interdisciplinary Research Institute, Science Department, Arheoinvest Research Center, Iași)

17:00 DISCUSSION SLOT

17:15 VALORISATION OF LIVING SPACE IN MEDIAEVAL AND EARLY MODERN CITIES. EXAMPLES FROM CENTRAL EUROPE

Legut-Pintal, Maria (Institute of Archaeology - University of Wrocław) - Grosel, Mikołaj (Faculty of Architecture - Wrocław University of Technology)

17:30 URBAN ARCHAEOLOGY IN DURRËS (ALBANIA) – PROBLEMS AND THE FUTURE

Lafe, Ols (Center for the Development of Ancient and Medieval Albanian Heritage; University)

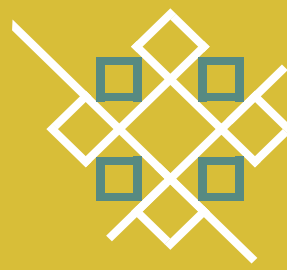
17:45 A TOWN OF RUINS - REUSE, URBAN INFILL AND DECLINING POPULATION IN LATE MEDIEVAL LÖDÖSE

Lazarides, Anton (Lödöse museum)

18:00 NEW TOWNS RENEWED? DEVELOPMENT AND ARCHAEOLOGY IN THE MEDIEVAL TOWNS OF WALES

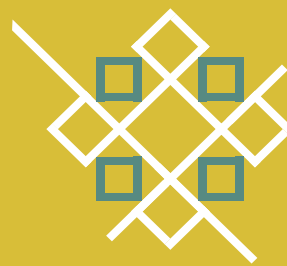
Belford, Paul (Clwyd-Powys Archaeological Trust)

18:15 DISCUSSION SLOT



POSTERS

- A. **CASTLE IN THE HEART OF THE TOWN. THE FUNCTIONS OF TATA CASTLE (HUNGARY) FROM THE MIDDLE AGES TO THE PRESENT**
Kovács, Bianka (Institute of Archaeology, Research Center for the Humanities)



312 CONTINUITY AND DISCONTINUITY OF TRANSPORT SYSTEMS FROM ANTIQUITY TO THE PRESENT

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Rajala, Ulla (Stockholm University) - Fulminante, Francesca (UCL; University of Bristol; Roma Tre University) - Lewis, Joseph (University of Cambridge) - Stamera, Laura (Roma Tre University) - Citter, Carlo (University of Siena)

PAPERS

8:30 INTRODUCTION

8:45 NETWORKS AND RESILIENCE: USING SOCIAL NETWORK ANALYSIS AND AGENT-BASED MODELLING TO EVALUATE THE SIGNIFICANCE OF MESOPOTAMIAN HOLLOW WAYS

Priß, Deborah (Durham University)

9:00 ROADS AND RIVERS. THE IMPORTANCE OF REGIONAL TRANSPORTATION NETWORKS FOR EARLY URBANIZATION IN CENTRAL ITALY (1000-500 BC)

Fulminante, Francesca (University College London; Bristol University; University Roma Tre) - Prignano, Luce - Cozzo, Emanuele (Departament de Física de la Matèria Condensada, Universitat de Barcelona; Universitat de Barcelona Institute of Complex Systems - UBICS) - Candelas, Pablo (Departament de Física de la Matèria Condensada, Universitat de Barcelona)

9:15 CONNECTING LANDSCAPES ON THE LONG DURÉE. THE CASE OF CENTRAL SICILY

Citter, Carlo (University of Siena) - Mazza, Michele (Soprintendenza Archeologia, Belle Arti e Paesaggio per la città metropolitana di Reggio Calabria e la provincia di Vibo Valentia)

9:30 DISCUSSION SLOT

9:45 THE CHANGING ROAD NETWORKS OF THE FALISCAN AREA: ASSESSING ROAD NETWORKS AND ROAD CUTTINGS

Rajala, Ulla (Stockholm University)

10:00 MINDING THE GAP: SITUATING THE LANDSCAPES OF THE VIA AMERINA AND VIA FLAMINIA IN SOUTHERN UMBRIA

Harder, Matthew (University of Missouri)

10:15 INNER MOBILITY, LOCAL MOVEMENT AND WIDER CONNECTIONS IN THE LONG-TERM LANDSCAPE OF THE NUCLEATED SETTLEMENT OF BOEOTIA (CENTRAL GREECE)

Stamera, Laura (MA Roma Tre University) - Farinetti, Emeri (Department of Humanities - RomaTre University)

11:00 ROMAN FRONTIERS CONNECT RATHER THAN DIVIDE

Rummel, Christoph - Hofmann, Kerstin - Rasbach, Gabriele - Schröer, Sandra (RGK - Romano-Germanic Commission DAI)

11:15 EVEN MORE FROZEN IN TIME: AN ANALYSIS OF POMPEII'S STREET NETWORK TO COMPARE METROLOGICAL PRACTICES BETWEEN THE CITY AND HINTERLAND

Picker-Kille, David (Florida State University, Department of Classics)

11:30 DISCUSSION SLOT

11:45 POSTAL RELAY SYSTEM IN MONGOLIA ACCORDING TO THE CHINESE TRAVELERS OF THE 13TH CENTURY

Oguz, Anil - Özsoy, Nusret (Erzurum Technical University)

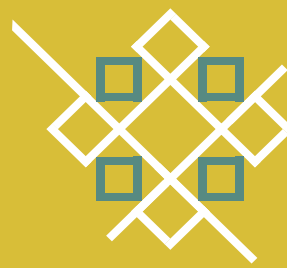
12:00 THE CONTINUITY OF ROMAN ROAD TRANSPORT INFRASTRUCTURE IN LATER MEDIEVAL ENGLAND: THE GOUGH MAP OF C. 1400

Oksanen, Eljas (University of Helsinki) - Brookes, Stuart (University College London)

12:15 NEW OR OLD? EXPLORING THE CONSTRUCTION AND CONTINUITY OF THE ROMAN ROAD NETWORK IN THE SOUTHERN LEVANT

Pažouť, Adam - Brughmans, Tom (Centre for Urban Network Evolutions - UrbNet, Aarhus University) - de Soto, Pau (Universitat Autònoma de Barcelona)

12:30 DISCUSSION SLOT



315 NEW TECHNOLOGIES, NEW TRENDS, NEW ETHICS IN CULTURAL HERITAGE MANAGEMENT

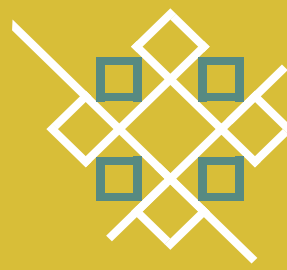
Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Chroni, Athina (Hellenic Ministry of Culture and Sports-General Directorate of Antiquities and Cultural Heritage; National Technical University of Athens) - Hamari, Pirjo (Finnish Heritage Agency) - Nilhamn, Bonnie (University of Helsinki, Doctoral Programme in Geosciences; "Nilhamn" - Dutch Museum and Cultural Heritage consult company)

PAPERS

- 14:00 PERCEPTIONS OF CULTURAL HERITAGE IN POST-COVID TIMES: IASIS FOR RE-ORIENTATING CH MANAGEMENT**
Chroni, Athina (Ministry of Culture/Hellenic Republic, National Technical University of Athens) - Georgopoulos, Andreas (National Technical University of Athens)
- 14:15 RETHINKING HISTORICAL COLLECTIONS AND MUSEUM PRACTICES: PROSPECTS AND CHALLENGES FROM THE SPINELLI ARCHAEOLOGICAL COLLECTION PROJECT AT MANN**
Savelli, Sveva (Saint Mary's University) - Santaniello, Emanuela (Museo Archeologico Nazionale di Napoli)
- 14:30 PREHISTORIC AND PREDYNASTIC EGYPTIAN ARTEFACTS IN ITALIAN MUSEUMS: NEW APPROACH TO OLD COLLECTIONS**
Lombardi, Lorena (University of Pisa) - Palombini, Augusto - Ugliano, Federica (Istituto di Scienze del Patrimonio Culturale - Consiglio Nazionale delle Ricerche, Roma) - Lucarini, Giulio (Istituto di Scienze del Patrimonio Culturale - Consiglio Nazionale delle Ricerche, Roma; University of Naples "L'Orientale"; Associazione Internazionale di Studi sul Mediterraneo e l'Oriente - ISMEO)
- 14:45 REMOTELY MANAGING AND COMMUNICATING ARCHAEOLOGICAL INFORMATION TO THE PUBLIC: GIS FOR DOCUMENTING ANCIENT QUARRIES IN GREECE**
Chroni, Athina (Ministry of Culture/Hellenic Republic, National Technical University of Athens) - Megalooikonomou, Pavlos-Stylianou (National Technical University of Athens)
- 15:00 NETWORKED LEARNING AND ONLINE ARCHAEOLOGICAL TRAINING: THE DIGITAL HORIZONS PROJECT**
Romanis, Thomas (Australian Archaeological Institute at Athens)
- 15:15 THE CAST PROJECT. EXPLORING THE KNOWLEDGE OVER THE DARK. ADVANCED MULTIDISCIPLINARY ARCHAEOLOGY INVESTIGATIONS FROM PERTOSA CAVES, ITALY**
Di Meo, Andrea - Minelli, Antonella (Università degli Studi del Molise) - Caprioli, Federico (Independent Researcher) - La Greca, Giuseppe (Independent Researcher)
- 15:30 CLICKBAIT HERITAGE**
Nilhamn, Bonnie (Helsinki University)
- 15:45 DISCUSSION SLOT**
- 16:30 THE ROLE OF 3D TECHNOLOGIES IN HEALING THE LOSS OF ARCHITECTURAL HERITAGE**
Denker, Ahmet (-)
- 16:45 REVIEW OF YOUTH PARTICIPATION PRACTICES IN CULTURAL HERITAGE MANAGEMENT THROUGH DIGITAL TECHNOLOGIES**
Zhang, Yingxin (Eindhoven University of Technology)
- 17:00 NEW TECHNOLOGY AS A TRUE ENRICHMENT IN THE MEDIATION OF CULTURAL HERITAGE**
Toulouse, Catherine - Lengyel, Dominik (BTU Brandenburg University of Technology Cottbus-Senftenberg)
- 17:15 REMOTE SENSING, CLIMATE CHANGE, NATURAL HAZARDS: ASSESSING OBELISKS OF EASTERN EURASIA**
Langer, Christian (Peking University)
- 17:30 SOCIAL LANDSCAPES: NEW APPROACHES TO QUALITATIVE DATA FOR INCLUSIVE PLANNING AND DEVELOPMENT**
Tenzer, Martina (University of York)
- 17:45 ENGAGING WITH ARCHAEOLOGICAL LANDSCAPES: NARRATIVES FROM BRITISH NATIONAL PARKS**
Bowler-Kazadi, Emily (University of Liverpool)
- 18:00 DISCUSSION SLOT**



316 SMALL OBJECTS REFLECTING GREAT CHANGES

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

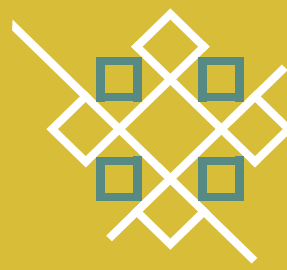
Organisers: Rácz, Tibor (Ferenczy Museum Centre) - Fedorina, Anastasia (-)

PAPERS

- 8:30 CERAMICS CHARTING CHANGE IN THE MEDIEVAL COUNTRYSIDE**
Lewis, Carena (University of Lincoln)
- 8:45 CERAMIC VESSELS WITH TWO HANDLES FROM 10THC. AD – A SHORT RECAPITULATION OF DATA**
Czuppon, Tamás (Hansagi Museum, Mosonmagyaróvár; Pázmány Péter Catholic University) - Takács, Mikós - Langó, Péter (Research Centre for the Humanities, Eötvös Loránd Research Network)
- 9:00 MASTERPIECE OF 14TH CENTURY RUSSIAN CERAMIC ART**
Koval, Vladimir (-)
- 9:15 DISCUSSION SLOT**
- 9:30 THE SOUTHERNMOST EXCEPTIONAL ARCHAEOLOGICAL DISCOVERY FROM THE HUNGARIAN CONQUEST PERIOD: THE SIGNIFICANCE OF SEVERAL FINDS FROM BAČKA REGION (SERBIA)**
Radišić, Milica (Institute of Archaeology, Belgrade) - Uzelac, Viktorija (City Museum, Sombor)
- 9:45 THE ADOPTION OF CHRISTIANITY OF THE HUNGARIAN RURAL POPULATION IN LIGHT OF THE MATERIAL EVIDENCE**
Rácz, Tibor (Ferenczy Museum Centre) - Füredi, Ágnes (Hungarian National Museum)
- 10:00 PORPHYRY OBJECTS, EARLY CHRISTIAN BURIALS IN BORGUND, AND THE IMPLEMENTATION OF CHRISTIAN PRACTICE IN NORWAY**
Hansen, Gitte (University Museum of Bergen, University of Bergen) - Laugerud, Henning (Department of Linguistic, Literary and Aesthetic Studies, University of Bergen) - Jansen, Øystein (Dep of Natural history, University Museum of Bergen, University of Bergen) - Lørvik, Katharina (NIKU, Norwegian Institute for Cultural Heritage Research)
- 10:15 DISCUSSION SLOT**
- 11:00 LITERACY IN MEDIEVAL RUS' TOWNS: EVIDENCE FROM SUZDAL'**
Fedorina, Anastasia (-)
- 11:15 TRACING POSTHOLES – A CHANGING SOCIAL LANDSCAPE AND A PUZZLING METAL DETECTOR FIND**
Hakansdotter, Lina - Johansson, Thomas - Aldén Rudd, Petra - Azzopardi, Amanda (Rio Göteborg)
- 11:30 CONTACTS OF THE OLD PRUSSIANS WITH THE ANCIENT RUS' IN THE EARLY POST-VIKING PERIOD – NEW EXCAVATIONS IN PRIVOL'NOE-1**
Prassolow, Jaroslaw Aleksei (Centre for Baltic and Skandinavian Archaeology - ZBSA; Institute of Archaeology of Russian Academy of Sciences - IA RAN) - Skvortsov, Konstantin (Institute of Archaeology of Russian Academy of Sciences - IA RAN)
- 11:45 DISCUSSION SLOT**

POSTERS

- A. THE NON-CERAMIC MATERIAL CULTURE OF THE MEDIEVAL CENTRAL SITE OF PRÁCHEŇ (CZECH REPUBLIC)**
Pťák, Martin (University of South Bohemia; Charles University)
- B. "EASTER EGGS" OF OLD RUSIAN PERIOD FROM THE TERRITORY OF BELARUS**
Makouskaya, Viktoryia (Belarusian State University; Belarusian State Museum of Folk Architecture and Rural Lifestyle)



324 ROMAN HOUSING ON THE SHORES OF THE EASTERN MEDITERRANEAN. GLOBAL TRENDS, LOCAL RESPONSES?

Time: Saturday 3 Sept, 8:30 - 12:30

Format: Session with keynote presentation and discussion

Organisers: Rekowska, Monika (University of Warsaw) - Gasparini, Eleonora (independent researcher)

PAPERS

8:30 INTRODUCTION

8:45 READING THE HOUSE OF ORPHEUS AT NEA PAPHOS (CYPRUS)

Rekowska, Monika (University of Warsaw) - Michaelides, Demetrios (University of Cyprus, Nicosia) - Gasparini, Eleonora (Independent researcher) - Pensabene, Patrizio (University La Sapienza, Rome) - Kaniszewski, Jakub (Independent researcher)

9:00 DISCUSSION SLOT

9:15 ALEXANDRIAN TRADITIONS AND TRANSFORMATIONS IN THE RESIDENTIAL ARCHITECTURE OF CYPRUS DURING THE IMPERIAL AGE

Pensabene, Patrizio (Sapienza University)

9:30 HALLS AND COURTYARDS IN THE HOUSE OF DIONYSOS AT NEA PAPHOS (CYPRUS): INDIVIDUAL RESPONSES TO LOCAL AND GLOBAL TRENDS

Gasparini, Eleonora (Independent researcher)

9:45 ORDINARY OR EXTRAORDINARY? ANCIENT RESIDENCES IN NEA PAPHOS AGAINST A WIDER BACKGROUND OF THE EASTERN MEDITERRANEAN CITIES

Brzozowska-Jawornicka, Aleksandra (Wroclaw University of Science and Technology)

10:00 DISCUSSION SLOT

11:00 THE ROMAN HOUSES AT EPHEOS AND THEIR REPRESENTATIVE SPACES FOR THE LOCAL ÉLITE

Barresi, Paolo (Università Kore Enna)

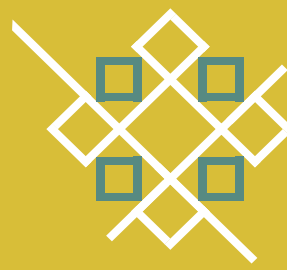
11:15 LIVING AND WORKING IN A SUBURBAN WINERY ALONG THE EAST. COAST OF THE ARGOLIS PENINSULA: THE SUNKEN VILLA OF EPIDAUROS

Davidde Petriaggi, Barbara (National Superintendency for Underwater Archaeological Heritage) - Galiatsatou, Panagiota (Ephorate of Underwater Antiquities of the Hellenic Ministry of Culture and Sports) - Medaglia, Salvatore (Department of Cultures, Education and Society, University of Calabria)

11:30 PERSISTENCE AND CHANGE. TOWARDS A THEORY OF LOCAL DIVERSITY IN VERNACULAR ROMAN ARCHITECTURE

Kienzle, Peter (LVR-Archaeological Park Xanten)

11:45 DISCUSSION SLOT



325 "OPEN SCIENCE" IN ARCHAEOLOGY AND HERITAGE: CHALLENGES AND FUTURE PERSPECTIVES

Time: Saturday 3 Sept, 14:00 - 16:00

Format: Regular session

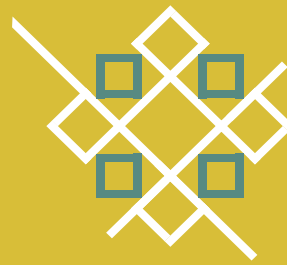
Organisers: Edinborough, Marija (The University of Melbourne) - Palmisano, Alessio (Ludwig-Maximilian University of Munich) - Bonacchi, Chiara (University of Stirling)

PAPERS

- 14:00 XRONOS: CHALLENGES IN BUILDING A GLOBAL OPEN REPOSITORY FOR CHRONOMETRIC DATA**
Roe, Joe - Hinz, Martin (Institute of Archaeological Sciences, University of Bern)
- 14:15 RETHINKING DATA SHARING IN PHYTOLITH RESEARCH: FROM FAIR PHYTOLITHS TO KEY INSIGHTS FOR ARCHAEOLOGY**
Lancelotti, Carla (CaSEs, Universitat Pompeu Fabra Department of Humanities; ICREA) - Karoune, Emma (The Alan Turing Institute) - Ruiz-Pérez, Javier (Texas A&M University) - García-Granero, Juan José (Spanish National Research Council) - Kerfant, Céline (CaSEs, Universitat Pompeu Fabra Department of Humanities) - Madella, Marco (CaSEs, Universitat Pompeu Fabra Department of Humanities; ICREA)
- 14:30 FROM POLICY TO PRACTICE – HOW TO BE FAIR AND OPEN IN HERITAGE**
Larsson, Asa (Swedish National Heritage Board)
- 14:45 'OPEN' HERITAGE RESEARCH IN BIG DATA ECOLOGIES**
Bonacchi, Chiara (University of Edinburgh)
- 15:00 PARTICIPATORY RESEARCH AS MEANINGFUL OPEN SCIENCE: FIRST RESULTS OF THE C-LIMES PROJECT**
Stevens, Saskia - Plets, Gertjan (Utrecht University)
- 15:15 THE LONG AND WINDING TOAD TO 'OPEN SCIENCE' IN ARCHAEOLOGY: DATA DISSEMINATION, REPRODUCIBILITY AND ETHICAL ISSUES**
Palmisano, Alessio (Ludwig-Maximilians-Universität München)
- 15:30 DISCUSSION SLOT**

POSTERS

- A. MAPPING PREHISTORIC AND PREDYNASTIC EGYPTIAN COLLECTIONS: A CONSIDERATION ON GIS POTENTIAL**
Lombardi, Lorena (University of Pisa)



327 STONE AGE STRAY FINDS AND HOW TO USE THEM [PAM]

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Bergsvik, Knut Andreas (University of Bergen) - Nilsson, Björn (University of Lund) - Johanson, Kristiina (University of Tartu)

PAPERS

8:30 INTRODUCTION

8:45 WHAT DO YOU MEAN, THIS IS A STRAY FIND? DISCUSSING SOURCE CRITICISM IN THE LATE PALAEOLITHIC RECORD OF NORTHERN GERMANY

Grimm, Sonja - Eriksen, Berit (ZBSA - Centre for Baltic and Scandinavian Archaeology; CRC 1266 Scales of transformation) - Weber, Mara-Julia (Archaeological Museum Schloss Gottorf; CRC 1266 Scales of transformation)

9:00 STRAY FINDS A SLEEPING (ALMOST DEAD) SOURCE OF KNOWLEDGE, LET'S BRING IT TO LIFE

Måge, Bjørnar (Museum Lolland Falster)

9:15 MUSARK AND GEOGRAPHIC VISUALISATION OF STONE AGE STRAY FINDS

Matsumoto, Mieko - Uleberg, Espen (Museum of Cultural History, University of Oslo)

9:30 STONE AGE STRAY-FINDS IN WESTERN NORWAY: POTENTIAL FOR RESEARCH AND CULTURAL HERITAGE MANAGEMENT

Bergsvik, Knut Andreas (University Museum, University of Bergen) - Aksdal, Jostein (Vestland county administration) - Lundström, Victor (University Museum, University of Bergen)

9:45 UNITED BY CRISIS? A TRANSDISCIPLINARY LOOK AT THE EARLY NEOLITHIC COMMUNITIES IN THE SCHLETZ SETTLEMENT CLUSTER, AUSTRIA

Maurer, Jakob (University for Continuing Education Krems, Center for Museum Collections Management) - Längauer, Julia (University of Vienna, Department of Prehistory and Historical Archaeology) - Irrgeher, Johanna (Montanuniversität Leoben) - Puschenreiter, Markus (University of Natural Resources and Life Sciences Vienna) - Novotny, Friederike (Natural History Museum Vienna) - Teschler-Nicola, Maria (Natural History Museum Vienna; University of Vienna, Department of Evolutionary Anthropology) - Pieler, Franz (State Collections of Lower Austria)

10:00 DISCUSSION SLOT

11:00 STRAY FINDS AND RITUAL DEPOSITIONS

Larsson, Lars (Department of Archaeology and Ancient History)

11:15 FROM CHANCE FINDS IN BOGS TO WETLAND ARCHAEOLOGICAL SITES?

Koivisto, Satu (University of Turku)

11:30 THE IMPLICATION OF STRAY BONE POINTS STUDIES TO THE FINAL PALAEOLITHIC AND MESOLITHIC RESEARCH IN LITHUANIA

Rimkus, Tomas (Centre for Baltic and Scandinavian Archaeology - ZBSA)

11:45 THE DISTRIBUTION OF ESTONIAN LATE NEOLITHIC AND BRONZE AGE STRAY STONE AND BRONZE ARTEFACTS: A QUANTITATIVE APPROACH

Johanson, Kristiina - Paavel, Kristiina (University of Tartu) - Sikk, Kaarel (University of Luxembourg) - Kriiska, Aivar (University of Tartu)

12:00 MESOLITHIC STRAY FINDS AS POINT OF DEPARTURE FOR A SURVEY ON WATERLOGGED SITES

Mahlstedt, Svea (Lower Saxony Institute for Historical Coastal Research - NIhK)

12:15 NICE TO HAVE OR NEED TO HAVE? STRAY FINDS, A KEY TO UNDERSTAND THE EARLY NEOLITHIC IN NORTHERN ZEALAND, DENMARK?

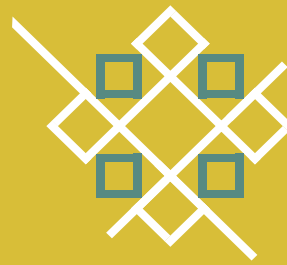
Aarsleff, Esben (Museum Nordsjælland)

12:30 DISCUSSION SLOT

14:00 LATE GLACIAL STRAY FINDS FROM THE COLONISATION OF BRITAIN DATABASE (ENGLAND AND WALES) AND HOW TO USE THEM

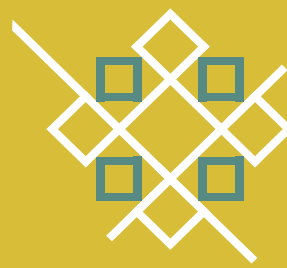
Mills, William (University of Oxford)

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- 14:15 STRAY FINDS AND THE MESOLITHIC OF NORTH-EASTERN ITALY: THE CASE STUDIES OF THE SILE RIVER SPRING AREA AND COMELICO**
Fontana, Federica (Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche) - Visentin, Davide (Institución Milá y Fontanals, IMF-CSIC, Barcelona; Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche) - Bertola, Stefano (Università di Ferrara - Dipartimento di Studi Umanistici - Sezione di Scienze preistoriche e antropologiche)
- 14:30 UNLOCKING THE INVISIBLE POPULATION OF THE LATE MIDDLE NEOLITHIC IN EASTERN DENMARK THROUGH STRAY FINDS. INVESTIGATIONS AROUND ROSKILDE FJORD**
Struve, Emil (Roskilde Museum)
- 14:45 HIDDEN LITHIC TREASURES. MUSEUM COLLECTIONS OF THE NEOLITHIC STONE TOOLS**
Kufel-Diakowska, Bernadeta - Chłoń, Marcin - Bronowicki, Wojciech (University of Wrocław) - Borowski, Michał (independent researcher)
- 15:00 STONE BATTLE AND POLISHED AXES IN NW RUSSIA AS STRAY FINDS: POTENTIAL FOR ANALYSIS**
Dolbunova, Ekaterina (-) - Mazurkevich, Andrey (-) - Stolyarova, Tatyana (-) - Kazakov, Eduard (-) - Rineyskaya, Tatjana (-)
- 15:15 SCULPTED STONE WEAPONS IN NORTHEASTERN EUROPE IN THE 3RD MILLENNIUM BC: STRAY FINDS AS RITUAL DEPOSITS?**
Kashina, Ekaterina (-) - Mantere, Ville (University of Turku) - Zhulnikov, Aleksandr (-)
- 15:30 DISCUSSION SLOT**



338 POTTERY FROM POST-MEDIEVAL PERIOD IN CARPATHIAN BASIN. EVOLUTION OR REVOLUTION?

Time: Saturday 3 Sept, 14:00 - 16:00

Format: Discussion session

Organisers: Španihel, Samuel (Museum of the Moravian Wallachia region Vsetín) - Bielich, Mário (Institute of Archaeology of the Slovak Academy of Sciences Nitra)

PAPERS

14:00 INTRODUCTION

14:15 POTTERY OF THE 16TH AND 17TH CENTURY IN NORTHERN HUNGARY BASED ON THE EXAMPLE OF RESEARCH OF HRUŠOV CASTLE (SLOVAKIA)

Bielich, Mário (Archeologický ústav SAV)

14:30 SLIPWARE PRODUCTION IN POST-MEDIEVAL POLAND AS A REFLECTION OF TRANSFER OF TECHNOLOGY AND STYLISTIC TRENDS IN EUROPEAN POTTERY-MAKING

Bis, Magdalena (Institute of Archaeology and Ethnology Polish Academy of Sciences, Warsaw)

14:45 ON THE BORDER OF THE OCCIDENT: STOVE TILES FROM THE NORTH-WESTERN PART OF THE HUNGARIAN KINGDOM IN THE 16-17TH CENTURY

Rakonczay, Rita (Eötvös Loránd University)

15:00 LATE MEDIEVAL AND POST-MEDIEVAL PERIOD CERAMIC SET FROM ŠINTAVA

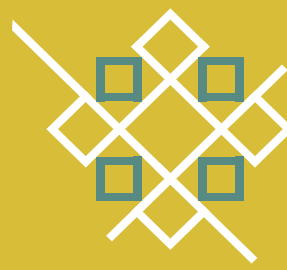
Nezvalová, Lucia - Vangľová, Terézia (Archaeological Institute of Slovak Academy of Sciences)

15:15 DISCUSSION SLOT

POSTERS

A. SKALKA NEAR TRENČÍN - CONTRIBUTION TO POSTMEDIAEVAL MATERIAL CULTURE FROM THE AREA OF MONASTERY

Jakubcinová, Miriam (Archaeological Institute of Slovak Academy of Sciences) - Čurný, Marián (-)



340 NORTH EUROPEAN TRADING NETWORKS FOR IRON AND COPPER

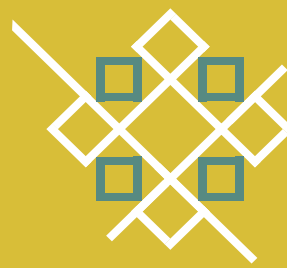
Time: Saturday 3 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Haggren, Georg (University of Helsinki; Muuritutkimus Oy) - Karlsson, Catarina - Magnusson, Gert (Jernkontoret)

PAPERS

- 8:30** **MEDIEVAL MINING PRODUCTION AND EXPORT FROM – THE ESSENTIAL OUTLANDS**
Karlsson, Catarina (Jernkontoret)
- 8:45** **A CENTRE IN ENGLAND'S IRON TRADE? AN INTERDISCIPLINARY STUDY OF MEDIEVAL IRON PRODUCTION AND TRADE IN SOUTH EAST ENGLAND**
Cranfield, Jack (University of Exeter)
- 9:00** **IRON IN BORGUND – OPERATIONAL CHAINS AND NETWORKS OF PRODUCTION AND TRADE**
Hope, Brita (University Museum of Bergen)
- 9:15** **DISCUSSION SLOT**
- 9:30** **RECTANGULAR IRON BLOOMS – A NEW AND NUMEROUS ARTEFACT GROUP FROM ESTONIA**
Saage, Ragnar - Jegorov, Sander (University of Tartu)
- 9:45** **IRON TRADE IN THE BALTIC AND NORTH SEA IN EARLY MEDIEVAL TIMES**
Magnusson, Gert (Stockholm University; Jernkontoret)
- 10:00** **METALLURGICAL ANALYSIS OF IRON BARS FROM THE POLISH 15TH C. COPPER WRECK**
Wärmländer, Sebastian (Department of Archaeology and Classical Studies, Stockholm University)
- 10:15** **DISCUSSION SLOT**
- 11:00** **A UNIQUE SHIP WRECK FOUND WITH A UNIQUE CARGO**
Hansson, Jim (Swedish national maritime and transport museums)
- 11:15** **STOCKHOLM'S SEABORNE IRON TRADE IN THE MIDDLE OF THE 16TH CENTURY**
Haggren, Georg (University of Helsinki; Muuritutkimus Oy)
- 11:30** **DISCUSSION SLOT**



344 INTEGRATING NEANDERTAL LEGACY: NEW OPPORTUNITIES FOR COOPERATION [PAM]

Time: Saturday 3 Sept, 11:00 - 18:30

Format: Regular session

Organisers: Mihelic, Sanjin (Archaeological Museum in Zagreb) - Leskovar, Tamara (Faculty of Arts, University of Ljubljana)

PAPERS

11:00 INTRODUCTION

11:15 NEANDERTAL AND GRAVETTIAN DIETS: A CONTINUUM OR A REVOLUTION?

Jankovic, Ivor (Centre for Applied Bioanthropology, Institute for Anthropological Research, Zagreb) - Voisin, Jean-Luc - Vauzelle, Alexandra - Condemì, Silvana (CNRS, EFS, ADES, Aix-Marseille Université)

11:30 INTERACTIONS AMONG NEANDERTHALS, HERBIVORES AND CARNIVORES: DIET AND ECOLOGICAL RELATIONSHIPS IN THE MIDDLE AND LATE PLEISTOCENE

Rivals, Florent (ICREA, Barcelona, Spain; Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA, Tarragona; Universitat Rovira i Virgili, Tarragona) - Bocherens, Hervé (Department of Geosciences, Biogeology, University of Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen) - Camarós, Edgard (McDonald Institute for Archaeological Research, University of Cambridge) - Rosell, Jordi (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA, Tarragona; Universitat Rovira i Virgili, Tarragona)

11:45 DISCUSSION SLOT

12:00 THE ROLE OF NEANDERTALS IN SHAPING HOMO SAPIENS BEHAVIOR AND CULTURE 50-40KA; EXTENDED WORKSHOP(S) FOR SYNTHESIZING TRANSCONTINENTAL RESEARCH

Soressi, Marie - Carmignani, Leonardo - Chu, Wei - Djakovic, Igor (Leiden University)

12:15 MASTERING OF UNDERGROUND AREAS BY NEANDERTHALS REVEALED BY SPELEOTHEMS

Verheyden, Sophie (Royal Belgian Institute of Natural Sciences) - Jaubert, Jacques (PACEA- University of Bordeaux) - Marinova, Elena (State Office for Cultural Heritage Baden-Wuerttemberg, Laboratory for Archaeobotany) - Gurova, Maria (National Institute of Archaeology, Bulgarian Academy of Sciences)

12:30 NEANDERTHAL BURIAL PRACTICES IN WESTERN ASIA

Been, Ella (Ono Academic College) - Barzilai, Omry (Israel Antiquities Authority)

12:45 DISCUSSION SLOT

14:00 NEW ZOOARCHAEOLOGICAL DATA FROM LA ADAM CAVE PALAEOLITHIC SITE (DOBROGEA, SE ROMANIA)

Vasile, Stefan (University of Bucharest, Faculty of Geology and Geophysics; Romanian Academy) - Dumitraşcu, Valentin (Romanian Academy, "Vasile Pârvan" Institute of Archaeology)

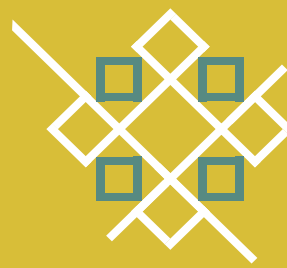
14:15 PALEOTEJO, A NETWORK FOR NEANDERTHAL AND PRE-NEANDERTHAL INVESTIGATION AND HERITAGE

Pereira, Telmo (Universidade Autónoma de Lisboa; Instituto Politécnico de Tomar, Portugal; Centro de Geociências da Universidade de Coimbra; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Raposo, Luís (Museu Nacional de Arqueologia; ICOM - International Council of Museums) - Figueiredo, Silvério (Instituto Politécnico de Tomar; Centro de Geociências da Universidade de Coimbra; CPGP - Centro Português de Geo-história e Pré-história) - Salvador, Margarida - Sousa, Fernanda (CPGP - Centro Português de Geo-história e Pré-história) - Cunha, Pedro Proença (Universidade de Coimbra, Lisboa; MARE - Centro de Ciências do Mar e do Ambiente) - Martins, António (Universidade de Évora; ICT - Instituto de Ciências da Terra) - Cunha-Ribeiro, João Pedro (Universidade de Lisboa, Portugal; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Ferreira, Carlos (UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Pirata, Vânia (Universidade Autónoma de Lisboa)

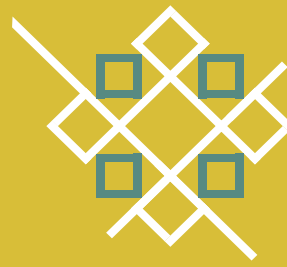
14:30 PALAEOLITHIC BIASES: SOME REFLECTIONS ON WHAT IS LIMITING PALAEOLITHIC ARCHAEOLOGY IN ACADEMIA AND ARCHAEOLOGICAL MUSEUMS. A SPANISH PERSPECTIVE

Romagnoli, Francesca (UAM - Universidad Autónoma de Madrid)

14:45 DISCUSSION SLOT



- 15:00 NEANDERTHAL MORPHOLOGY AND THE FRONTAL BONE FROM HAHNÖFERSAND, GERMANY**
 Röding, Carolin (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen) - Profico, Antonio (DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen); Catalan Institute of Human Paleoeology and Social Evolution IPHES, Tarragona) - Merkel, Michael (Archäologisches Museum Hamburg und Stadtmuseum Harburg) - Harvati, Katerina (Paleoanthropology, Senckenberg Centre for Human Evolution and Palaeoenvironment, Eberhard Karls University of Tübingen; DFG Centre of Advanced Studies 'Words, Bones, Genes, Tools', Eberhard Karls University of Tübingen; Museum of Anthropology, Medical School, National and Kapodistrian University of Athens)
- 15:15 IS EVERYTHING LOST? RE-EXCAVATION POTENTIAL OF OLD CAVE EXCAVATION DEPOSITS**
 Škrdla, Petr (Institute of Archaeology of the CAS, Brno) - Nejman, Ladislav (School of Archaeology and Anthropology, The Australian National University) - Wright, Duncan (School of Archaeology and Anthropology, The Australian National University) - Králík, Miroslav (Department of Anthropology, Masaryk University, Brno) - Mlejnek, Ondřej (Archeologické centrum Olomouc) - Bartík, Jaroslav (Institute of Archaeology of the CAS, Brno)
- 15:30 NEW METHODS TO EXPLORE OLD DATA: APPLYING MODERN TECHNIQUES FROM DATA SCIENCE TO COMPARE NEANDERTHAL BEHAVIOR BETWEEN MIS6 AND MIS5E**
 Kandel, Andrew - Bolus, Michael - Bruch, Angela - Groth, Claudia - Hertler, Christine - Heß, Julia - Kanaeva, Zara - Malina, Maria - Sommer, Christian - Haidle, Miriam (Heidelberg Academy of Sciences and Humanities)
- 15:45 DISCUSSION SLOT**
- 16:30 RAPTORS CLAWS, A NEANDERTHAL BRAND: A DISCUSSION AROUND SHARED PRACTICES ACROSS HUMAN COMMUNITIES IN SOUTHERN EUROPE**
 Peresani, Marco (University of Ferrara, Department of Humanities, Prehistoric and Anthropological Sciences Unit Department of Humanities; National Research Council, Institute of Environmental Geology and Geoengineering)
- 16:45 DISENTANGLING MIDDLE PALAEOOLITHIC TECHNO-COMPLEXES WITHOUT USING LABELS**
 Marciani, Giulia (Università di Bologna, Dipartimento di Beni Culturali; Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Leplongeon, Alice (Department of Archaeology, KU Leuven, Geo-Institute; UMR 7194 HNHP, Muséum national d'Histoire naturelle – CNRS – UPVD, Institut de Paléontologie Humaine) - Bortolini, Eugenio (HUMANE - Human Ecology and Archaeology Dept. Archaeology and Anthropology Institució Milà i Fontanals de Investigació en Humanidades Consejo Superior de Investigaciones Científicas) - Kandel, Andrew W. (The Role of Culture in Early Expansions of Humans, Heidelberg Academy of Sciences and Humanities) - Negrino, Fabio (Dipartimento di Antichità, Filosofia, Storia, Università degli Studi di Genova) - Ronchitelli, Annamaria (Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Riel-Salvatore, Julien (Département d'anthropologie, Université de Montréal) - Moroni, Adriana (Dipartimento di Scienze Fisiche, della Terra e dell'Ambiente, U. R. Preistoria e Antropologia, Università di Siena) - Benazzi, Stefano (Università di Bologna, Dipartimento di Beni Culturali)
- 17:00 DISCUSSION SLOT**
- 17:15 NEANDERTHALS AND "US": HOW THE GOLDEN AGE OF NEANDERTHAL RESEARCH CHALLENGES HUMAN SELF-UNDERSTANDING**
 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)
- 17:30 TAKE A WALK ON THE VIRTUAL SIDE OF NEANDERTHALS. EXHIBITIVE SOLUTIONS TO TRAVEL INSIDE POGGETTI VECCHI (CENTRAL ITALY)**
 Florindi, Silvia (Istituto Italiano di Preistoria e Protostoria; Cyprus Institute - STARC) - Aranguren, Biancamaria (Soprintendenza Archeologia Belle Arti e Paesaggio per le province di Siena, Grosseto, Arezzo - retired) - Puzio, Daniela - Revedin, Anna (Istituto Italiano di Preistoria e Protostoria)
- 17:45 NEANDERTALS AS STAKEHOLDERS IN CULTURAL TOURISM: THE STORY SO FAR**
 Mihelic, Sanjin (Archaeological Museum in Zagreb)
- 18:00 DISCUSSION SLOT**



345 LET IT BURN! EXPERIMENTAL AND ETHNOARCHAEOLOGICAL APPROACHES IN PYROARCHAEOLOGY

Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

Organisers: Stahlschmidt, Mareike (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Mallol, Carolina (Departamento de Geografía e Historia, Campus de Guajara, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González, La Laguna) - Miller, Christopher (Institute for Archaeological Sciences, University of Tübingen) - O'Neill, Brendan (School of Archaeology, Centre for Experimental Archaeology and Material Culture - CEAMC, University College Dublin)

PAPERS

8:30 INTRODUCTION

8:45 EXPERIMENTAL BIRCH TAR MAKING ALLOWS TO IDENTIFY ANCIENT PRODUCTION METHODS

Schmidt, Patrick (Department of Early Prehistory and Quaternary Ecology, Eberhard Karls University of Tübingen; Applied Mineralogy, Department of Geosciences, Eberhard Karls University of Tübingen) - Koch, Tabea (CEPAM, Université Côte d'Azur, CNRS, Nice)

9:00 EXTRAS PROGRAM NEW RESULTS: UNRAVELLING TEMPERATURE FROM FUEL INFLUENCE ON RAMAN SIGNAL

Vandeveld, Ségolène (Laboratory of Climate and Environment Sciences - LSCE UMR8212) - Deldicque, Damien (Laboratoire de Géologie de l'ENS)

9:15 LESSONS FROM A LONG TERM WOOD FIRE EXPERIMENT

Karkanias, Panagiotis (Malcolm H. Wiener Laboratory for Archaeological Science, ASCSA)

9:30 RE-LIGHT MY FIRE: THE POTENTIAL OF MAGNETIC SUSCEPTIBILITY AS A PROXY FOR IDENTIFYING RELIGHTING EVENTS IN PREHISTORIC COMBUSTION FEATURES

Hoare, Sally (Dept. Archaeology, Classics and Egyptology, University of Liverpool) - Albert, Rosa (ERAAUB, Department of History and Archaeology, University of Barcelona; ICREA) - Gowlett, John (Dept. Archaeology, Classics and Egyptology, University of Liverpool) - Halsall, Karen (Liverpool Hope University) - Stahlschmidt, Mareike (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Ian, Stanistreet (Department of Earth, Ocean and Ecological Sciences, University of Liverpool; Stone Age Institute, Bloomington)

9:45 HOW ABOVE GROUND HEAT ALTERS MATERIAL UNDERGROUND: A HIGHLY CONTROLLED HEATING EXPERIMENT FOR BONE BURIED IN SEDIMENT

Gallo, Giulia (UC Davis Anthropolgy) - Aldeias, Vera (Interdisciplinary Center for Archaeology and the Evolution of Human Behavior - ICArEHB) - Stahlschmidt, Mareike (Max Planck Institute for Evolutionary Anthropology)

10:00 LIVING IN DESERT ZONES, FORMATION PROCESSES OF ARCHAEOLOGICAL FIRE SIGNATURES IN THE ATACAMA DESERT SOILS FORMATIONS

March, Ramiro (CNRS - SCTD - UMR 6566 - CD0941) - Bastos, Galaad (CNRS UMR 6566) - Santoro Vargas, Calogero (Universidad de Tarapaca)

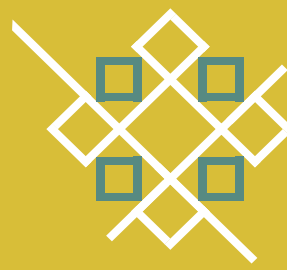
10:15 DISCUSSION SLOT

11:00 MAMMOTH DUNG AS A FUEL RESOURCE IN PLEISTOCENE EURASIA? AN EXPERIMENTAL APPROACH

Miller, Christopher (University of Tübingen; Senckenberg Center for Human Evolution and Paleoenvironment; SFF Centre for Early Sapiens Behaviour - SapienCE, University of Bergen) - Haidle, Miriam (The Role of Culture in Early Expansions of Humans - ROCEEH, Heidelberg Academy of Sciences and Humanities, Senckenberg Forschungsinstitut und Naturmuseum)

11:15 EXPERIMENTAL FUMIER DEPOSITS: A MICROMORPHOLOGICAL APPROACH TO FORMATION PROCESS

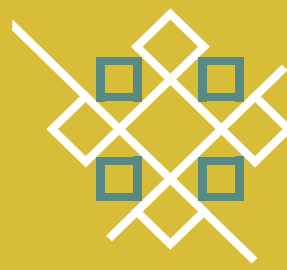
Polo-Díaz, Ana (University of the Basque Country UPV/EHU; University of Sheffield) - Burguet-Coca, Aitor - Allué, Ethel - Expósito, Isabel - Vergès, Josep (IPHES Institut Català de Paleoeologia Humana i Evolució Social; URV e Area de Prehistoria, Facultat de Lletres, Universitat Rovira i Virgili)



- 11:30 FROM FUEL TO EMBERS: EXPERIMENTING ON IRON AGE COMBUSTION STRUCTURES IN THE WESTERN MEDITERRANEAN**
Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Department of Archaeology and Anthropology, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC) - Mateu, Marta - Saorin, Carme (GRAP - Grup de Recerca en Arqueologia Protohistòrica, Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Pastor, María (ICAC - Catalan Institute of Classical Archaeology) - Pou, Josep (Calafell Town Council) - Morer, Jordi (GRACPE, Institut d'Arqueologia de la Universitat de Barcelona - IAUB) - Castells, Georgina (Calafell Town Council) - Vila, Sílvia (Universitat de Lleida) - Pescini, Valentina (ICAC - Catalan Institute of Classical Archaeology)
- 11:45 NEOLITHIC OVEN BUILDING TECHNIQUES: EXCAVATION OF THE OVEN FROM THE SITE OF VINČA – BELO BRDO AND ITS EXPERIMENTAL RECONSTRUCTION**
Đuricic, Ana (Laboratory for Bioarchaeology, Faculty of Philosophy, University of Belgrade)
- 12:00 EXPERIMENTAL STUDY OF PLASTERED FEATURES- BUILDING A MICROMORPHOLOGICAL REFERENCE COLLECTION OF DIFFERENT PLASTER COMPOSITIONS AND PREPARATION TECHNIQUES**
Gur-Arieh, Shira (Institute for Pre- and Protohistoric Archaeology and Archaeology of the Roman Provinces, Ludwig Maximilian University Munich; The Leon Recanatí Institute for Maritime Studies, Haifa University) - Mentzer, Susan (Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen; Institute for Archaeological Sciences, University of Tübingen)
- 12:15 THE PROXEMICS OF FIRE IN CERAMIC TECHNOLOGY. THE CASE OF THE UP-DRAUGHT KILN**
Gheorghiu, Dragos (National University of Arts - Bucharest; ITM Macao)
- 12:30 DISCUSSION SLOT**
- 14:00 TRACKING SEAWEED FUEL IN THE ARCHAEOLOGICAL RECORD THROUGH RAMAN SPECTROSCOPY OF CHARRED PARTICLES**
Sitzia, Luca (Universidad de Tarapacá - Departamento de Antropología) - Power, Ximena (Instituto de Arqueología y Antropología - IIA, Universidad Católica del Norte) - Carcamo, José (Investigador Externo Dirección de Investigación, Postgrado y Transferencia Tecnológica - DIPTT, Universidad de Tarapacá) - Maalouf, Jean-Paul (Independent researcher) - Zurro, Débora (HUMANE Research Group. Institució Milà i Fontanals de Investigación en Humanidades IMF-CSIC) - Salazar, Diego (Departamento de Antropología, Facultad de Ciencias Sociales - FACSO, Universidad de Chile) - Ibacache, Sebastian (Independent researcher) - Silva, Claudia (Museo de Historia Natural de Concepción) - Borie, Cesar (Instituto de Arqueología y Antropología - IIA, Universidad Católica del Norte) - Roa, Constanza (División Arqueología Museo de La Plata - Laboratorio 129, Facultad de Ciencias Naturales y Museo, Universidad Nacional de la Plata)
- 14:15 THE USE OF FIRE IN A METALLURGICAL SITE FROM THE INCA PERIOD (1450-1536 DC) IN THE ATACAMA DESERT, NORTHERN CHILE**
Grimberg, Daniela (Independent researcher) - Cifuentes, Ariadna (Antropología UCN-UTA, Universidad Católica del Norte, San Pedro de Atacama) - Figueroa, Valentina (Instituto de Investigaciones Arqueológicas y Museo R.P. Gustavo Le Paige, Universidad Católica del Norte, San Pedro de Atacama)
- 14:30 DEATH AND FIRE.THE IDENTIFICATION AND CHARACTERIZATION OF PYRE GOODS AND THEIR USE IN CREMATION BASED ON EXPERIMENTAL AND ARCHAEOLOGICAL OBSERVATIONS**
Fülöp, Kristóf (Institute of Archaeology Research Centre for the Humanities)
- 14:45 LODOVICO BRUNETTI'S EXPERIMENTAL STUDIES FOR THE CONSTRUCTION OF A CREMATORIUM IN THE LATE 19TH CENTURY**
Magno, Giovanni (University Museums Centre CAM, University of Padua) - Zanatta, Alberto (Department of Cardiac, Thoracic, Vascular Sciences and Public Health - University of Padua)
- 15:00 DISCUSSION SLOT**

POSTERS

- A. THE EXPERIMENTAL BURNING DOWN OF A LATE NEOLITHIC HOUSE RECONSTRUCTION**
van Gijn, Annelou (Faculty of Archaeology, Leiden University) - Pomstra, Diederik (Leiden University)
- B. EXPERIMENTAL CREMATIONS AND THE EFFECTS ON BONE MICROSTRUCTURES**
Bantavanou, Panagiota (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace) - Trantalidou, Aikaterini (Hellenic Ministry of Culture & Sports, Independent Department of Press, Communication and Promotion, Athens) - Papageorgopoulou, Christina (Laboratory of Physical Anthropology, Department of History and Ethnology, Democritus University of Thrace)



350 [RE]INTEGRATING A DISPERSED AGENDA: ADVANCING ARCHAEOLOGICAL RESEARCH IN CENTRAL EURASIA

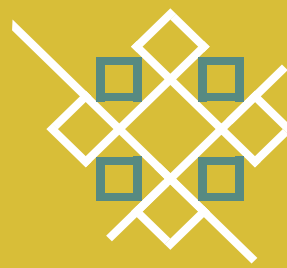
Time: Saturday 3 Sept, 14:00 - 18:30

Format: Discussion session

Organisers: Rouse, Lynne (German Archaeological Institute, Eurasia Dept; Washington University in St. Louis) - Dupuy, Paula (Nazarbayev University)

PAPERS

- 14:00 INTRODUCTION**
- 14:10 HISTORIOGRAPHY AND TERMINOLOGY: TOWARDS A MORE INCLUSIVE PAST**
Kidd, Fiona (New York University Abu Dhabi)
- 14:20 ARCHAEOLOGY OF CENTRAL ASIA THROUGH THE HISTORICAL PRISM**
Shnaider, Svetlana (L.N. Gumilyov Eurasian National University)
- 14:30 RE-INTEGRATING ARCHAEOLOGICAL RESEARCH IN CENTRAL AND EASTERN EURASIA: RE-VISITING REGIONAL ARCHAEOLOGIES**
Wright, Joshua (University of Aberdeen)
- 14:40 (RE)INTEGRATING THE ARCHAEOLOGY OF THE STEPPES THROUGH ARCHAEOMETALLURGICAL RESEARCH**
Radiojevic, Miljana (UCL Institute of Archaeology)
- 14:50 [RE]INTEGRATING RAW MATERIALS AND TECHNOLOGIES IN CONTEXTS OF SOCIAL AND SPATIAL MOBILITY IN CENTRAL EURASIAN BRONZE AGE**
Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung)
- 15:00 FRUITS, CEREALS, AND SPICES ALONG THE SILK ROAD: CONNECTING PLANTS REMAINS AND PEOPLE'S DISPERSAL**
Dal Martello, Rita - Spengler, Rob (Max Planck Institute for the Science of Human History)
- 15:10 THE RESULTS AND PERSPECTIVES OF COMPLEX RESEARCH ON THE TERRITORY OF KYRGYZSTAN**
Tabaldyev, Kubatbek (Kyrgyz-Turkish Manas University)
- 15:20 A STEPPE IN A NEW DIRECTION: CAPACITY BUILDING IN CENTRAL AND INNER ASIAN ARCHAEOLOGY**
Hermes, Taylor (Max Planck Institute for Evolutionary Anthropology)
- 15:30 SCIENTIFIC STAGNATION AND PARADIGM SHIFT IN KYRGYZSTAN**
Abdykanova, Aida (American University of Central Asia)
- 15:40 WHAT ARE THE "POST-ISMS" OF CENTRAL ASIAN ARCHAEOLOGY IN THE 21ST CENTURY?**
Brite, Elizabeth (Purdue University)
- 15:50 THE SCIENTIFIC REVOLUTION IN CENTRAL EURASIA**
Ventresca Miller, Alicia (University of Michigan)
- 16:30 DISCUSSION SLOT**



353 ETHICS, CONFLICT ARCHAEOLOGY AND SOCIETY IN THE 20TH AND 21ST CENTURIES

Time: Saturday 3 Sept, 14:00 - 18:00

Format: Regular session

Organisers: Hausmair, Barbara (University of Innsbruck/Department of Archaeologies) - Theune, Claudia (University of Vienna/Department of Prehistory and Historical Archaeology) - Moshenska, Gabriel (University College London/Institute of Archaeology)

PAPERS

14:00 INTRODUCTION

14:15 DEALING WITH THE LEGACIES OF CONFLICT AND VIOLENCE IN DREŽNICA, CROATIA

Simões, Sara (UNIARQ - Center for Archaeology, University of Lisbon) - Stojević, Iva (Institute of East Asian Studies, École Normale Supérieure de Lyon) - Grgurinović, Ivona (Department of Ethnology and Cultural Anthropology, Faculty of Humanities and Social Sciences, University of Zagreb) - Parežanin, Lujo (Department of Comparative Literature, Faculty of Humanities and Social Sciences, University of Zagreb) - Gomes Coelho, Rui (Department of Archaeology, Durham University; UNIARQ - Centre for Archaeology, University of Lisbon) - Horvatinčić, Sanja (Institute of Art History, Zagreb) - Gligora, Valerija (Valdir - obrt za istraživanje i usluge, Zagreb)

14:30 DYNAMICS OF CONTESTED HERITAGE

Igljic, Sara - Kulenović, Igor - Vrkić, Šime - Kulenović, Neda (University of Zadar)

14:45 THE DEFENSIVE SYSTEM OF PLOIEȘTI (ROMANIA) DURING THE SECOND WORLD WAR (1939-1945)

Banica, Costina - Jané, Oscar (Autonomous University of Barcelona)

15:00 DISCUSSION SLOT

15:15 MAKING CONFLICT ARCHAEOLOGY USEFUL: LINKAGES WITH CRITICAL MILITARY STUDIES

Carman, John - Carman, Patricia (University of Birmingham)

15:30 WAR AT THE END OF THE WORLDS? CONFLICT HERITAGE, ETHICS AND THE PLURIVERSE IN ARCHAEOLOGY

Breithoff, Esther (Birkbeck, University of London)

15:45 DISCUSSION SLOT

16:30 "LEFT, RIGHT, LEFT, RIGHT" POLITICAL INTERPRETATIONS OF HERITAGE OF FINNISH WARS AND READINGS IN MATERIAL CULTURE

Kauhanen, Riku (University of Turku)

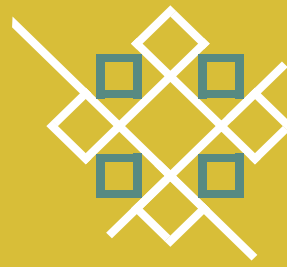
16:45 ARCHAEOLOGY, HUMAN REMAINS AND CONTESTED NARRATIVES: INTERPRETING THE MATERIAL REMAINS OF THE LITHUANIAN PARTISAN WAR

Petrauskas, Gediminas (Klaipėda University, Institute of Baltic Region History and Archaeology)

17:00 THE DNA IDENTIFICATION OF HUMAN REMAINS FROM WORLD WAR II: THE ETHICAL CHALLENGES OF RACIALISED IDENTITIES AND NATIONALIST NARRATIVES

Renshaw, Layla (Kingston University London) - Dziuban, Zuzanna (Institute of Culture Studies and Theatre History, Austrian Academy of Sciences)

17:15 DISCUSSION SLOT



355 RE-VISITING THE GLOBAL/LOCAL CONTINUUM IN ARCHAEOLOGICAL HERITAGE PRACTICE: CONTRASTING HISTORIES, PERSPECTIVES, AND EXPERIENCES WITHIN AND BEYOND EUROPE

Time: Saturday 3 Sept, 16:30 - 18:30

Format: Discussion session

Organisers: Lazzari, Marisa (Department of Archaeology, University of Exeter) - Lilley, Ian (Faculteit Archeologie, University of Leiden; School of Social Science, University of Queensland) - Orlandi Barbano, Francesco (Department of Archaeology, University of Exeter)

PAPERS

16:30 INTRODUCTION

16:45 TRANS ADRIATIC PIPELINE IN SOUTHERN ITALY: THE STORY OF A COMPLEX RELATIONSHIP BETWEEN HERITAGE, COMMUNITY AND LARGE-SCALE DEVELOPMENT

Iacono, Francesco - Faccio, Vittoria (Dipartimento di Storia Culture Civiltà, University of Bologna)

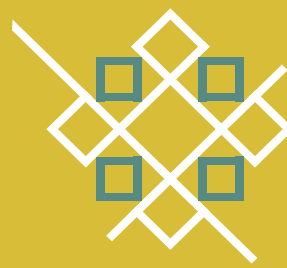
17:00 UNARCHIVED STORIES AND ALTERNATIVE PERCEPTIONS OF SULTANAHMET ARCHAEOLOGICAL PARK, A UNESCO WHS

Yalman, Nurcan (Nisantasi University Istanbul Dept of History) - Cana, Sinan (Nişantaşı University Dept of Tourist Guiding)

17:15 CHANGING POLITICAL PERCEPTIONS OF THE SULTANAHMET ARCHAEOLOGICAL PARK, A UNESCO WHS

Cana, Sinan - Yalman, Nurcan (Nişantaşı University)

17:30 DISCUSSION SLOT



366 INTERDISCIPLINARY APPROACHES TO THE ANALYSIS OF FUNERARY ARCHAEOLOGY DURING THE BRONZE - IRON AGE TRANSITION IN ATLANTIC EUROPE

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

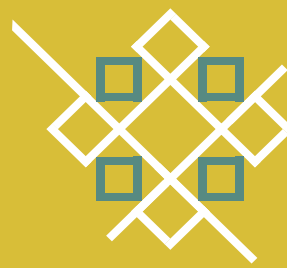
Organisers: Still, Beverley (Department of Archaeology, University of Durham) - Spillane, Ben (Department of Archaeology, University College Cork) - Louwen, Arjan (Faculty of Archaeology, Leiden University)

PAPERS

- 14:00 INTRODUCTION**
- 14:15 FROM ASSESSMENT TO EXCESS: THE SHEER ABUNDANCE OF URNFIELD DATA IN THE LOWER-RHINE-BASIN**
Louwen, Arjan (Leiden University)
- 14:30 WHAT A TIME TO BE ALIVE. INTERDISCIPLINARY RESEARCH OF AN EXCEPTIONAL URNFIELD IN TILBURG – UDENHOUTSEWEG, THE NETHERLANDS**
Brattinga, Joris (Archeologisch Onderzoek Leiden bv - Archol) - Veselka, Barbara (Analytical, Environmental & Geo-Chemistry, Department of Chemistry, Vrije Universiteit Brussel.; Maritime Cultures Research Institute, Department of Art Sciences and Archaeology, Vrije Universiteit Brussel) - Boudin, Mathieu - van Strydonck, Mark (Royal Institute for Cultural Heritage Brussels - KIK/IRPA) - De Mulder, Guy (Department of Archaeology, Ghent University) - van den Eynde, Guido (Town archaeologist, Municipality of Tilburg)
- 14:45 AMS 14C DATING OF LATE BRONZE AND EARLY IRON AGE CREMATED BONES FROM BARROWS IN WESTERN LITHUANIA: RESULTS AND INTERPRETATION**
Muradian, Lijana (Vilnius University)
- 15:00 DISCUSSION SLOT**
- 15:15 A TAPHONOMIC APPROACH OF CREMATED REMAINS: RECONSIDERING THE BODY THROUGH CASE STUDIES IN BRONZE AGE SCOTLAND**
Chaumont Sturtevant, Elisabeth (University of Aberdeen)
- 15:30 FUNERARY PRACTICES ON THE EDGE OF SCOTLAND: THE ANALYSIS OF THE DISARTICULATED HUMAN BONE ASSEMBLAGES FROM THE COVESEA CAVES**
Primeau, Charlotte (University of York) - Booth, Tom (Ancient Genomics Laboratory, The Francis Crick Institute) - Büster, Lindsey (University of York; Canterbury Christ Church University) - Armit, Ian (University of York)
- 15:45 DISCUSSION SLOT**
- 16:30 WORLDS APART: LOCAL LANDSCAPES AND COSMOPOLITAN CENTRES FOR DEALING WITH THE DEAD IN LATER PREHISTORIC BRITAIN**
Büster, Lindsey (Canterbury Christ Church University; University of York) - Bleasdale, Madeleine - Fischer, Claire-Elise - Primeau, Charlotte - Armit, Ian (University of York)
- 16:45 INVISIBLE AND MISUNDERSTOOD: IDENTIFYING THE DEAD IN LATE BRONZE AND EARLY IRON AGE BRITAIN**
Still, Beverley (Durham University)
- 17:00 SETTING THE SCENE: HOW A STUDY BURIAL AND SOCIETY IN EARLY BRONZE IRELAND CONTEXTUALISES DEVELOPMENTS IN THE LATER BRONZE AGE**
McSparron, Cormac (Queen's University Belfast)
- 17:15 LATER BRONZE AGE URN BURIAL AND CULTURAL CHANGE AT THE END OF THE BRONZE AGE.**
Becker, Katharina - Spillane, Ben (Department of Archaeology, University College Cork)
- 17:30 DISCUSSION SLOT**

POSTERS

- A. THEY LAY BEYOND THE BORDERS: THE STUDY CASE OF 4TH-17TH CENTURY BURIAL MOUND RATULĀNI IN THE TERRITORY OF LATVIA**
Erkske, Aija (Institute of Latvian History at the University of Latvia)



369 COMMERCE IN THE LATE ANTIQUE WEST: APPROACHES TO ANALYSE TRADE NETWORKS IN TIMES OF CHANGE

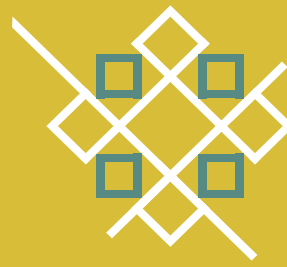
Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Schmidts, Thomas (Römisch-Germanisches Zentralmuseum) - Dobрева, Diana (Università di Verona) - Schimmer, Florian (Römisch-Germanisches Zentralmuseum)

PAPERS

- 8:30 URBAN ECONOMIC NETWORKS IN A PERIOD OF CHANGE: ISSUES OF ARCHEOLOGICAL REPRESENTATIVENESS**
Furlan, Guido (Aarhus University, Centre for Urban Network Evolutions - UrbNet)
- 8:45 THE ROLE OF THE CHURCH IN LATE ANTIQUE WINE TRADE**
Komar, Paulina (Cardinal Stefan Wyszyński University in Warsaw)
- 9:00 RAT REMAINS AS A PROXY FOR LATE ANTIQUE AND EARLY MEDIEVAL TRADE**
Orton, David - Everett, Sarah (University of York) - Holmes, Mathilda (Consultant zooarchaeologist; University of Leicester) - García García, Marcos (Universidad de Alicante) - Salvadori, Frank (independent researcher)
- 9:15 DISCUSSION SLOT**
- 9:30 ECONOMY AND TRADE IN 5TH CENTURY TRIPOLITANIA**
Schimmer, Florian (Römisch-Germanisches Zentralmuseum Mainz)
- 9:45 SHIPPING IONIAN WINE TO THE NORTH: THE DISTRIBUTION OF SICILIAN AND CALABRIAN FLAT-BOTTOMED AMPHORAE IN THE ADRIATIC**
Riccati, Anna (Università degli Studi di Padova) - Dobрева, Diana (Università di Verona)
- 10:00 NEW AMPHORA DATA FROM THE UPPER ADRIATIC. TORCELLO AND GRADO BETWEEN THE 4TH AND 7TH CENTURIES: TWO ECONOMIC OBSERVATORIES COMPARED**
Cipolatto, Andrea (Ca' Foscari University - Venice)
- 10:15 DISCUSSION SLOT**
- 11:00 MARKET SPACE IN LATE ANTIQUE AQUILEIA**
Basso, Patrizia (University of Verona)
- 11:15 TRACING NETWORKS IN THE ADRIATIC DURING LATE ANTIQUITY**
Dobрева, Diana (University of Verona)
- 11:30 LAMPS AND TRADE NETWORKS IN LATE ANTIQUE NORTH ADRIATIC REGION**
Zago, Sabrina (Università di Verona)
- 11:45 DISCUSSION SLOT**
- 12:00 IMPERIAL NETWORKS FOR THE SUPPLY OF AN IMPERIAL RESIDENCE IN LATE ANTIQUE GAUL**
Schmidts, Thomas (Römisch-Germanisches Zentralmuseum)
- 12:15 TIMES OF CHANGE OR CONTINUITY? CERAMICS AND QUERNSTONES FROM MAYEN AND THEIR TRADE BETWEEN THE 4TH AND THE 6TH CENTURY**
Grunwald, Lutz - Wenzel, Stefan (Römisch-Germanisches Zentralmuseum)
- 12:30 TOGETHER OR APART - WHAT GLASS BEADS FROM MEROVINGIAN GRAVES REVEAL ABOUT THEIR TRADE AND USE IN WESTERN EUROPE**
Van Ham-Meert, Alicia (Earth and Environmental Sciences, KU Leuven) - Langbroek, Mette (Faculty of Archaeology, Leiden University)
- 12:45 DISCUSSION SLOT**



372 ADVANCES IN GEOMETRIC MORPHOMETRIC METHODS APPLIED TO LITHIC STUDIES [PAM]

Time: Saturday 3 Sept, 16:30 - 18:30

Format: Regular session

Organisers: Araujo, Renata (Museum of Archaeology and Ethnology, University of São Paulo) - Matzig, David (School of Culture and Society, Department of Archaeology and Heritage Studies, Aarhus University) - Okumura, Mercedes (Department of Genetics and Evolutionary Biology, Biosciences Institute, University of São Paulo) - Araujo, Astolfo (Museum of Archaeology and Ethnology, University of São Paulo) - Riede, Felix (School of Culture and Society, Department of Archaeology and Heritage Studies, Aarhus University)

PAPERS

16:30 INTRODUCTION

16:45 3D GEOMETRIC MORPHOMETRICS AND LITHIC ANALYSIS OF RECURRENT CENTRIPETAL KNAPPING METHODS: TWO CASE STUDIES

Bustos-Pérez, Guillermo - Romagnoli, Francesca (Universidad Autónoma de Madrid)

17:00 STATISTICAL CULTURAL TRANSMISSION MODELS PROVIDE INSIGHTS INTO THE SOCIAL CONTEXTS OF TECHNOLOGICAL CHANGE DURING THE LATE PLEISTOCENE IN KOREA

Park, Gayoung - Marwick, Ben (University of Washington)

17:15 DISCUSSION SLOT

17:30 UNRAVELLING SHAPE VARIABILITY OF STONE TOOLS IN SOUTHEASTERN BRAZIL FOR REASSESSING ARCHAEOLOGICAL TRADITIONS

Araujo, Renata (Museum of Archaeology and Ethnology, University of Sao Paulo - MAE-USP) - Okumura, Maria Mercedes (Laboratory for Human Evolutionary Studies, Department of Genetics and Evolutionary Biology, Biosciences Institute, University of São Paulo) - Araujo, Astolfo (Laboratory for Interdisciplinary Research in Culture, Evolution and Environment, Museum of Archaeology and Ethnology, University of São Paulo)

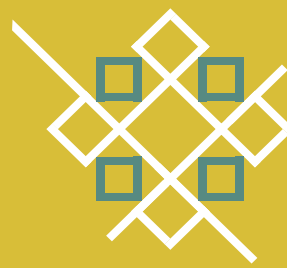
17:45 MESOLITHIC HARPOONS IN ACTION. GEOMETRIC MORPHOMETRICS AND CONTINUUM MECHANICAL SIMULATION AS TOOLS TO IDENTIFY FUNCTIONAL ROLES

Lundström, Fredrik (Stockholm University) - MacLeod, Norman (Nanjing University) - Isaksson, Sven - Glykou, Aikaterini (Stockholm University)

18:00 2D GEOMETRIC MORPHOMETRIC APPROACH TO KNAPPER SKILLS AMONG NEOLITHIC AXES

Bustos-Pérez, Guillermo - Castañeda, Nuria (Universidad Autónoma de Madrid)

18:15 DISCUSSION SLOT



373 DISCUSSING THE FUTURE OF BIG DATA FOR THE STUDY OF THE HUMAN PAST

Time: Saturday 3 Sept, 8:30 - 12:30

Format: Regular session

Organisers: Coccozza, Carlo (Ludwig-Maximilians-Universität München, Fakultät für Kulturwissenschaften; Max Planck Institute for the Science of Human History, Department of Archaeology) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History, Department of Archaeology; University of Oxford, School of Archaeology; Masaryk University, Arne Faculty of Arts) - Lubritto, Carmine (Università degli studi della Campania Luigi Vanvitelli, Dipartimento di Scienze e Tecnologie Ambientali, Biologiche e Farmaceutiche) - Rosenstock, Eva (Universität Bonn, Bonn Center for ArcheoSciences)

PAPERS

8:30 INTRODUCTION

8:45 MAPPING MONGOLIA: TRANSMETHODOLOGICAL DATA INTEGRATION AND NATIONAL CULTURAL PATRIMONY

Fisher, Michael - Jamsranjav, Bayarsaikhan - Jambajanstan, Delgermaa - Jurkenas, Dovydas (Max Planck Institute for the Science of Human History)

9:00 OPENATLAS - A DATABASE SYSTEM FOR ARCHEOLOGICAL DATA AND BEYOND

Richards, Nina (Austrian Academy of Sciences) - Watzinger, Alexander (Austrian Centre for Digital Humanities and Cultural Heritage)

9:15 "BIG DATA" FOR STABLE ISOTOPE RESEARCH IN THE CARIBBEAN AND MESOAMERICAN ARCHAEOLOGY

Ebert, Claire (University of Pittsburgh) - Hixon, Sean (Max Planck Institute of the Science of Human History) - Buckley, Gina (University of Missouri Research Reactor) - George, Richard (University of California, Santa Barbara) - Pacheco-Forés, Sofía (Hamline University) - Palomo, Juan Manuel (University of Arizona) - Solís-Torres, Óscar (Instituto Nacional de Antropología e Historia - INAH) - Kennett, Douglas (University of California, Santa Barbara)

9:30 EXPLORING SHIFTS IN ROMAN SUBSISTENCE PRACTISES THROUGH A BAYESIAN META-ANALYSIS OF ISOTOPIC DATA

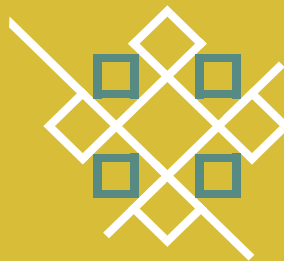
Formichella, Giulia - Soncin, Silvia (Sapienza University of Rome, Department of Environmental Biology, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Coccozza, Carlo (Ludwig-Maximilians-Universität München, Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, and ArchaeoBio-Center; Max Planck Institute for the Science of Human History, Department of Archaeology, Jena; Università degli studi della Campania "Luigi Vanvitelli", DiSTABI, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Tafuri, Mary Anne (Sapienza University of Rome, Department of Environmental Biology, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Lubritto, Carmine (Università degli studi della Campania "Luigi Vanvitelli", DiSTABI, and Mediterranean bioArchaeological Research Advances - MAREa - centre) - Craig, Oliver (University of York, Department of Archaeology, and BioArCh) - 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)

9:45 A NETWORK OF ISOTOPIC DATASETS FOR MEDIEVAL EUROPE: THE COMPENDIUM ISOTOPORUM MEDII Aevi (CIMA)

Coccozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)

10:00 ISOIBERMED: USING BAYESIAN META-ANALYSIS TO EXPLORE A NEW ISOTOPE DATABASE FOR MEDIEVAL IBERIA

Alexander, Michelle (BioArCh, Department of Archaeology, University of York) - García-Collado, Maité (BioArCh, Department of Archaeology, University of York; GIPYPAC, Department of Geography, Prehistory and Archaeology, University of the Basque Country - UPV/EHU) - Coccozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Teegen, Wolf-Rüdiger (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München) - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)

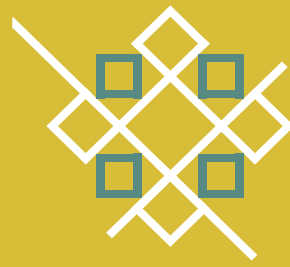
**10:15 DISCUSSION SLOT****11:00 ISOMEDITA, AN ISOTOPIC DATABASE FOR MEDIEVAL ITALY AND BAYESIAN META-ANALYSIS**

Mantile, Noemi (Dipartimento di Scienze e Tecnologie Ambientali Biologiche e Farmaceutiche - DiSTABiF, Università degli studi della Campania "Luigi Vanvitelli") - Cocozza, Carlo (Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie, Ludwig-Maximilians-Universität München; Department of Archaeology, Max Planck Institute for the Science of Human History, Jena) - Lubritto, Carmine (Dipartimento di Scienze e Tecnologie Ambientali Biologiche e Farmaceutiche - DiSTABiF, Università degli studi della Campania "Luigi Vanvitelli") - Fernandes, Ricardo (Department of Archaeology, Max Planck Institute for the Science of Human History, Jena; School of Archaeology, University of Oxford; Arne Faculty of Arts, Masaryk University)

11:15 CREATING DATA NETWORKS USING THE PANDORA PLATFORM

Fernandes, Ricardo (Max Planck Institute for the Science of Human History; University of Oxford; Masaryk University)

11:30 DISCUSSION SLOT



380 CAN YOU FUTURE PROOF SKILL DEVELOPMENT WORK IN ARCHAEOLOGY?

Time: Saturday 3 Sept, 14:00 - 16:00

Format: Round table

Organisers: Jones, Cara (Chartered Institute for Archaeologists) - Karl, Raimund (University of Vienna) - Geary, Kate (Chartered Institute for Archaeologists)

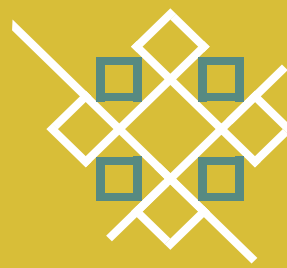
Great strides have been made with formalising skill development initiatives for archaeologists, and we are now beginning to see the positive impact of taking a more strategic approach to how we develop and upskill members of our profession. This work is often completed in collaboration with non-heritage focused organisations who are integral to supporting (and at times delivering) these initiatives. These collaborations can also help give focus to future priorities with skill development work and help release much needed funding to support the development work to take place.

One challenge that has been identified is the need to make sure that work is future proof or at least, impervious to outside shocks or changes in priorities or wider strategic directions.

This is roundtable discussion proposes to discuss

1. How can we future proof skills development work?
2. What mechanisms can put in place to mitigate against outside influences which can impact on your skill development work?
3. How can we anticipate what skills archaeologists will need in the future to ensure we are ready to meet outside challenges or demands for our expertise?

This session is delivered by the EAA community for teaching and training in archaeology.



381 **WATERSCAPES: TRACES OF INTERACTION BETWEEN PEOPLE AND WATER FROM NEOLITHIC TO BRONZE AGE EUROPE**

Time: Saturday 3 Sept, 8:30 - 15:30

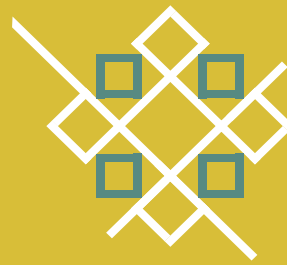
Format: Regular session

Organisers: Sampaio, Hugo Aluai - Bettencourt, Ana (University of Minho) - Diaz-Guardamino, Marta (Durham University)

PAPERS

- 8:30 INTRODUCTION**
- 8:45 EVIDENCE FOR CULTURAL AND ECONOMIC IMPORTANCE OF WATERSCAPES: NEOLITHIC PATTERNS FROM THE NORTHERN GERMAN LOWLANDS**
Brozio, Jan Piet - Feeser, Ingo (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 9:00 AT THE THRESHOLD TO THE MOUNTAINS: SOCIAL MEANING AND RELEVANCE OF MONUMENTS ALONG COASTAL WATERWAYS IN NEOLITHIC SOUTHEAST NORWAY**
Schülke, Almut (Museum of Cultural History University of Oslo)
- 9:15 AT THE EDGE OF THE WATERSCAPE: INTERACTION AT THE BOUNDARIES BETWEEN DRAINAGE BASINS IN EARLY PREHISTORIC BRITAIN AND IRELAND**
Goldberg, Martin (National Museums Scotland)
- 9:30 OCEAN AHOY! SPATIAL ANALYSIS, SETTLEMENT PATTERNS AND THE LATE PREHISTORY OF THE ATLANTIC COAST OF LISBON PENINSULA**
Texugo, André - Rendeiro, Luís (UNIARQ - Centro Arqueologia da Universidade de Lisboa; CEG - Centro de Estudos Geográficos da Universidade de Lisboa) - Sousa, Ana (UNIARQ - Centro Arqueologia da Universidade de Lisboa) - Ramos-Pereira, Ana (CEG - Centro de Estudos Geográficos da Universidade de Lisboa)
- 9:45 EBB & FLOW: EXPLORING RIVERS IN LATER PREHISTORIC BRITAIN**
Nimura, Courtney - Schulting, Rick (University of Oxford) - Sturt, Fraser (University of Southampton) - Snoeck, Christophe (Vrije Universiteit Brussel) - Green, Chris - Cooper, Anwen (University of Oxford)
- 10:00 DISCUSSION SLOT**
- 11:00 THE EXPLOITATION OF MARINE RESOURCES BY COMMUNITIES FROM THE NORTHEAST OF THE IBERIAN PENINSULA IN THE EARLY BRONZE AGE.**
Gluitz, Alicia - Estebanz-Sánchez, Ferran (Autonomous University of Barcelona) - Martínez, Laura (University of Barcelona) - Molist, Miquel (Autonomous University of Barcelona)
- 11:15 LAKE, WETLAND AND ISLAND: REVEALING THE HUMAN OCCUPATION OVER THE PALAEOLAKE IN BRUSZCZEWO IN CENTRAL GREATER POLAND THROUGH GEOARCHAEOLOGICAL RESEARCH**
Niebieszczanski, Jakub - Bahyrycz, Cezary - Żurkiewicz, Danuta - Szambelan, Witold (Adam Mickiewicz University in Poznań)
- 11:30 FLOWING EVERYDAY ROUTINES: INTERRELATING BRONZE AGE HUMAN GROUPS AND WATER COURSES BETWEEN THE RIVERS AVE AND CÁVADO (NORTHWEST OF PORTUGAL)**
Sampaio, Hugo Aluai (Landscape, Heritage and Territory Laboratory - Lab2pt; University of Minho - UM; Centre of Research, Development and Innovation in Tourism - CiTur; Polytechnic Institute of Cávado an Ave - IPCA)
- 11:45 BRONZE AGE CERAMICS FROM ALTO DAS MALHADAS AS AN INDICATOR OF INFLUENCES THAT GO BEYOND REGIONAL AND NATIONAL BOUNDARIES**
Botica, Natalia (Lab2PT; Unidade de Arqueologia da Universidade do Minho) - Luís, Luís (Fundação Cøa Parque) - Larrazabal, Javier - Rocha, Bruna (Lab2PT; Fundação para a Ciência e Tecnologia) - Sousa, Rui (Lab2PT; Instituto de Ciências Sociais da Universidade do Minho) - Magalhêes, Fernanda (Instituto de Ciências Sociais da Universidade do Minho)
- 12:00 NEW APPROACHES TO UNDERSTANDING LATE BRONZE AGE SWORD DEPOSITION IN THE TRANSDANUBIAN RIVER SECTION OF THE DANUBE**
Tarbay, János Gábor (Hungarian National Museum, Department of Archaeology) - Soós, Bence (Hungarian National Museum, Department of Archaeology; ELTE University, Institute of Archaeological Sciences)

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12:15 LATE BRONZE AGE METAL DEPOSITIONS IN THE NORTHWEST IBERIAN PENINSULA IN RIVERSCAPES CONTEXTS: AN ONTOLOGICAL APPROACH

Bettencourt, Ana (University of Minho; Lab2PT - Landscapes, Heritage and Territory Laboratory)

12:30 DISCUSSION SLOT

14:00 RE-EVALUATING RIVERINE AND MARITIME TRADE IN MIDDLE-LATE BRONZE AGE BRITAIN AND BEYOND

Roberts, Benjamin (Durham University) - Casaly, Allison (New York University)

14:15 LIVING IN A FLOODPLAIN: LATE BRONZE AGE SERBIAN BANAT COMMUNITIES' ADAPTATION STRATEGIES

Estanqueiro, Marta (University College Dublin; CEAACP-Universidade de Coimbra)

14:30 DISCUSSION SLOT

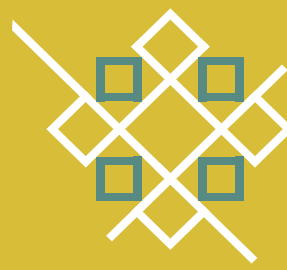
POSTERS

A. OCEAN AND ETERNITY. A BRONZE AGE MEGALITHIC TOMB IN CAPE TRAFALGAR (CÁDIZ, SPAIN)

Cantillo Duarte, Juan Jesus - Vijande Vila, Eduardo - Becerra Martín, Serafín (Universidad de Cádiz) - Moreno Marquez, Adolfo (Universidad de Almería) - Corona Borrego, José María - Gómez Sánchez, Leticia - Fernández Sánchez, Diego - Carmona Gil, María - Pavón González, Laura - Ramos Muñoz, José (Universidad de Cádiz)

B. YOU SHOULD EAT IT WHILE IT'S FRESH – EXPLOITATION OF RIVERS IN NORTHEASTERN EUROPEAN LOWLANDS

Nessel, Bianka (Institute for Pre- and Protohistory, Mainz University)



382 TECHNOLOGY, RISK, AND CHANGE

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory) - Zubrow, Ezra (Applied Social Systems Laboratory & Anthropology University at Buffalo; McDonald Institute University of Cambridge; SUNY Distinguished Service)

PAPERS

14:00 INTRODUCTION

14:15 RISKS BEYOND THE DITCH

Diachenko, Aleksandr (Institute of Archaeology, National Academy of Sciences of Ukraine) - Sobkowiak-Tabaka, Iwona (Faculty of Archaeology, Adam Mickiewicz University in Poznan) - Gerasimenko, Natalia (Taras Shevchenko National University of Kyiv) - Kufel-Diakowska, Bernadeta (Institute of Archaeology, Wrocław University) - Kurzawska, Aldona (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Moskal del-Hoyo, Magdalena (W. Szafer Institute of Botany, Polish Academy of Sciences) - Ridush, Bogdan (Yuriy Fedkovych Chernivtsi National University) - Boltaniuk, Petro (Kamianets-Podilskyi State Historical Museum) - Levinzon, Yevhenii (National University of Kyiv-Mohyla Academy)

14:30 RECONSIDERING NEOLITHIC DITCHED ENCLOSURES AND RISK MITIGATION ON THE GREAT HUNGARIAN PLAIN

Salisbury, Roderick (Austrian Archaeological Institute, Austrian Academy of Sciences) - Bácsmegi, Gábor (Munkácsy Mihály Museum, Békéscsaba)

14:45 HONOR THE PAST AND WELCOME THE FUTURE: ONLY A PERSON WHO RISKS IS FREE

Zubrow, Ezra (University at Buffalo; University of Cambridge)

15:00 THE PARAMETERS OF RISK IN UNFOLDING TECHNO-CULTURES

Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory)

15:15 MONUMENTS, MAGIC, AND RISK

Taylor, Timothy (Comenius University in Bratislava; Journal of World Prehistory)

15:30 THE END OF PAX ROMANA: HOW ROMAN EMPERORS FACED RISKS AND CHANGES ON COINS

Glomb, Tomas (Masaryk University)

15:45 DISCUSSION SLOT

16:30 BRONZE AGE HOARDS AS A FORM OF RISK MANAGEMENT

Lane, Dominik (University of Vienna)

16:45 NO COUNTRY FOR OLD MEN

Baca, Martin (Department of Archaeology, Comenius University in Bratislava)

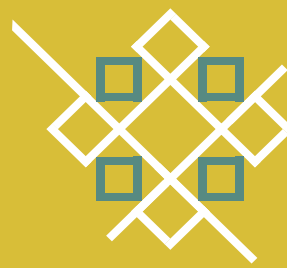
17:00 COMPLEXITY, MAGIC AND RISK: HOW THE DEFINING CHARACTERISTIC OF INCREASING CIVILIZATIONAL COMPLEXITY BLINDS US TO ITS INHERENT RISKS

Scannell, Patrick (Independent researcher)

17:15 RISK AND REWARD IN ATHENIAN MARITIME TRADE (4TH CENTURY BCE)

Cohen, Edward (-)

17:30 DISCUSSION SLOT



389 MOVING INTO THE MEDITERRANEAN – NEW DEVELOPMENTS IN THE RESEARCH ON GENETICS, MOBILITY, CULTURE CHANGE AND LANGUAGES

Time: Saturday 3 Sept, 8:30 - 13:00

Format: Regular session

Organisers: Mittnik, Alissa (Department of Human Evolutionary Biology, Harvard University; Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Kroonen, Guus (Leiden University Centre for Linguistics) - Saupe, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Cavazzuti, Claudio (Alma Mater Studiorum, Università degli Studi di Bologna, Dipartimento di Scienze Umanistiche) - Molloy, Barry (UCD School of Archaeology, University College Dublin)

PAPERS

8:30 THE TRANSFORMATION OF THE GENOMIC LANDSCAPE IN COPPER AND BRONZE AGE CAMPANIA

Mittnik, Alissa (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Human Evolutionary Biology, Harvard University, Cambridge) - Cavazzuti, Claudio (Università degli Studi di Bologna, Dipartimento di Storia Culture Civiltà) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome; Department of Genetics, Harvard Medical School, Boston; Department of Evolutionary Anthropology, University of Vienna) - Petrone, Pier Paolo (Dipartimento di Scienze Biomediche Avanzate, Università di Napoli Federico II) - Bondioli, Luca (Bioarchaeology Service, Museum of Civilization, Rome; Department of Cultural Heritage, University of Padua) - Catalano, Giulio (Dipartimento di Scienze e Tecnologie Biologiche Chimiche e Farmaceutiche, Università di Palermo) - Sperduti, Alessandra (Bioarchaeology Service, Museum of Civilization, Rome; Dept. Asia, Africa e Mediterraneo, University of Naples "L'Orientale") - Caramelli, David (Department of Biology, University of Florence) - Pinhasi, Ron (Department of Evolutionary Anthropology, Human Evolution and Archaeological Sciences - HEAS, University of Vienna) - Reich, David (Department of Human Evolutionary Biology, Harvard University, Cambridge; Howard Hughes Medical Institute, Harvard Medical School, Boston; Broad Institute of Harvard and MIT, Cambridge)

8:45 MOBILITY OF PEOPLE, THINGS, IDEAS BETWEEN THE AEGEAN AND THE ITALIAN PENINSULA AT THE TIME OF CREMATION (LATE BRONZE AGE)

Cavazzuti, Claudio (Alma Mater Studiorum, Università degli Studi di Bologna; University of Durham) - Arena, Alberta - De Benedetto, Giuseppe (Università del Salento) - Pamela, Fragnoli - Jung, Reinhard (Austrian Archaeological Institute, Austrian Academy of Sciences) - Scarano, Teodoro (Università del Salento)

9:00 THE GENETIC ORIGIN OF DAUNIANS AND THE PAN-MEDITERRANEAN SOUTHERN ITALIAN IRON AGE CONTEXT

Saupe, Tina (Estonian Biocentre, Institute of Genomics, University of Tartu) - Aneli, Serena (Department of Biology, University of Padua) - Montinaro, Francesco (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology-Genetics, University of Bari) - Scaggion, Cinzia (Department of Geosciences, University of Padua) - Carrara, Nicola (Anthropology Museum, University of Padova) - Kivisild, Toomas (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Human Genetics, KU Leuven) - Metspalu, Mait (Estonian Biocentre, Institute of Genomics, University of Tartu) - Scheib, Christiana (Estonian Biocentre, Institute of Genomics, University of Tartu; St John's College) - Pagani, Luca (Estonian Biocentre, Institute of Genomics, University of Tartu; Department of Biology, University of Padua)

9:15 DISCUSSION SLOT

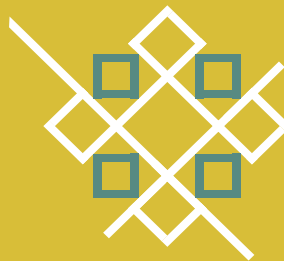
9:30 INSIGHTS INTO THE GENETIC LANDSCAPE AND MOBILITY PATTERNS OF THE BRONZE AGE - IRON AGE TRANSITION IN SOUTHEAST EUROPE

Iraeta Orbegozo, Miren (Globe Institute, University of Copenhagen; UCD School of Archaeology, University College Dublin) - Fibiger, Linda (School of History, Classics & Archaeology, University of Edinburgh) - Mylopotamitaki, Dorothea (Globe Institute, University of Copenhagen) - Makarewicz, Cheryl (Institute of Prehistoric and Protohistoric Archaeology, University of Kiel) - Laffoon, Jason (Department of Archaeological Science, Leiden University) - Molloy, Barry (UCD School of Archaeology, University College Dublin) - Schroeder, Hannes (Globe Institute, University of Copenhagen)

9:45 MALARIA AS A SELECTIVE FORCE IN THE PREHISTORY OF THE MEDITERRANEAN BASIN

Gonzalez Fortes, Gloria (Università di Ferrara) - Mira, Stefania - Perretti, Silvia - Antonica, Bianca (Università degli studi di Ferrara) - Trucchi, Emiliano (Università di Ancona) - Barbujani, Guido (Università degli studi di Ferrara)

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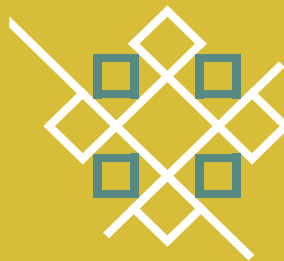


#s389

- 10:00 THE SPICE THAT CAME IN FROM THE EAST: SAFFRON AND THE CHRONOLOGY OF LINEAR B TABLETS FROM KNOSSOS**
Pierini, Rachele (University of Copenhagen)
- 10:15 DISCUSSION SLOT**
- 11:00 ISOTOPIC MOBILITY RESEARCH: LET US PAUSE AND REFLECT.**
Nafplioti, Argyro (Ancient DNA Lab, Institute of Molecular Biology & Biotechnology - IMBB, Foundation for Research and Technology - Hellas - FORTH)
- 11:15 EATING AND MOVING IN ANCIENT VERONA FROM LATE PREHISTORY TO MIDDLE AGES**
Varalli, Alessandra (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra, Barcelona) - Dori, Irene (Soprintendenza Archeologia, Belle Arti e Paesaggio per le province di Verona, Rovigo e Vicenza) - Mongillo, Jessica - Vescovo, Giulia (Department of Environmental and Prevention Sciences, University of Ferrara) - Lo Iacono, Ambra - Basso, Patrizia (Department of Cultures and Civilisations, University of Verona)
- 11:30 UNDERSTANDING THE PROCESS OF SKIN LIGHTENING IN EUROPEANS: A MIX OF SELECTION AND MIGRATION FACTORS**
Gonzalez Fortes, Gloria (Universita di Ferrara) - Perretti, Silvia - Barbutani, Guido (Università degli studi di Ferrara)
- 11:45 DISCUSSION SLOT**
- 12:00 HOW CAN ADNA BE YOUR FRIEND: PREDICTIVE CASE STUDIES FROM THE PREHISTORIC AEGEAN**
Ozturk, Huseyin (College Year in Athens; American School of Classical Studies at Athens)
- 12:15 DISCUSSION SLOT**

POSTERS

- A. A GENETIC HISTORY OF MOBILITY IN THE IRON AGE CENTRAL MEDITERRANEAN**
Moots, Hannah (University of Chicago) - Antonio, Margaret (Stanford University) - Sawyer, Susanna (University of Vienna) - Lucci, Michaela (Sapienza University) - Cherifi, Mehdi (Benyoucef Benkhedda University) - Gao, Ziyue (University of Pennsylvania) - Fantar, Mounir (Institut National du Patrimoine Tunisie) - Coppa, Alfredo (Sapienza University) - Pritchard, Jonathan (Stanford University) - Pinhasi, Ron (University of Vienna)



390 ALL ON WALLS. CURRENT ISSUES ON HISTORICAL WALL PAINTING SCIENCE, CONSERVATION, AND RESTORATION

Time: Saturday 3 Sept, 14:00 - 18:30

Format: Regular session

Organisers: Baragona, Anthony (Freelance Conservation Scientist; University of Applied Arts Vienna) - Rodler, Alexandra (Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Tehrani, Rebecca (Dresden University of Fine Arts)

PAPERS

14:00 INTRODUCTION

14:15 FRAUD ON ROMAN PAINTED WALLS?

Becker, Hilary (Binghamton University, SUNY)

14:30 DISCUSSION SLOT

14:45 TWO PHASES OF SECOND STYLE ADORNING THE DOMUS DEI BUCRANI (OSTIA ANTICA): THE TECHNICAL STUDY

Souris, Magali (University of Liège; Fonds de la Recherche Scientifique - FNRS) - Morard, Thomas - Defeyt, Catherine (University of Liège) - Frère, Géraldine (University of Namur) - Girard, Thibault - Herens, Élodie - Motta, Lucie - Strivay, David (University of Liège)

15:00 INVESTIGATION OF THE EXTENT OF THE ROMAN WALL PAINTINGS IN THE AMBIENTE N. 40 OF VILLA ARIANNA (STABIAE)

Leitner, Simon Elio (Dresden University of Fine Arts)

15:15 BENEATH THE PICTURES, BEYOND THE BRICKS. USING WALL-PAINTING PLASTER AND MORTAR STRATIGRAPHY IN ARCHAEOLOGICAL INTERPRETATION

Baragona, Anthony (University of Applied Arts, Vienna)

15:30 DISCUSSION SLOT

16:30 BLUE WALLS: ON THE PROVENANCE OF EGYPTIAN BLUE PIGMENTS FROM ROMAN NORICUM

Rodler, Alexandra (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Artioli, Gilberto (Department of Geosciences, University of Padua) - Jansen, Moritz (Deutsches Bergbau-Museum Bochum) - Klein, Sabine (Deutsches Bergbau-Museum Bochum; Ruhr-Universität Bochum, Institut für Archäologische Wissenschaften) - Koeberl, Christian (Department of Lithospheric Research, University of Vienna) - Tepe, Nathalie - Hofmann, Thilo (Centre for Microbiology and Environmental Systems Science, Department for Environmental Geosciences, University of Vienna) - Fragnoli, Pamela (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences) - Dolenz, Heimo (Provincial Roman Archaeology & Field Research, Landesmuseum Kärnten) - Krajšek, Jure (Regional Museum of Celje)

16:45 SEEING RED WITHOUT FEELING BLUE: THE WALL PAINTING TECHNOLOGY OF ROMAN NORICUM

Baragona, Anthony (University of Applied Arts, Vienna) - Rodler, Alexandra (Austrian Academy of Sciences, Austrian Archaeological Institute; Department of Lithospheric Research, University of Vienna)

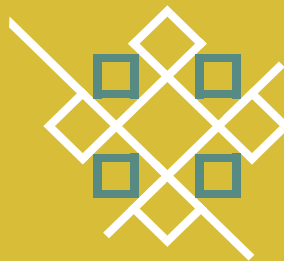
17:00 FROM STORAGE TO EXHIBITION: CONSERVATION RESEARCH GIVES CENTRE STAGE TO 500 WALL PAINTING FRAGMENTS FROM A PROVINCIAL ROMAN STAGE THEATRE

Tehrani, Rebecca - Emprechtinger, Mara - Santner, Markus (Dresden University of Fine Arts)

17:15 THE HOUSE OF MEDUSA - EXCAVATION, INVESTIGATION, CONSERVATION AND PRESENTATION OF WALL PAINTING FRAGMENTS OF A LATE ROMAN VILLA

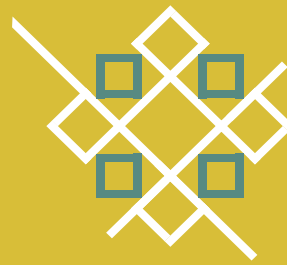
Linke, Robert (Federal Monuments Authority) - Santner, Markus (Hochschule für bildende Künste Dresden) - Pintér, Farkas (Universität für Angewandte Kunst)

17:30 DISCUSSION SLOT



POSTERS

- A. REDISCOVERING ROMAN ART TECHNIQUES: THE STUDY OF A PROVINCIAL ROMAN WALL PAINTING FRAGMENT FROM THE ANCIENT CITY OF VIRUNUM, AUSTRIA**
Stöcker, Eike (Dresden University of Fine Arts)
- B. STUDY OF A SAMPLE OF EGYPTIAN BLUE FROM THE TOMB OF NEFERTARI (13TH CENTURY BC)**
Martín, Antonio - Martín, Alejandro (Universidad Internacional de La Rioja) - Ferré, Ivana (Universidad Nacional de Educación a Distancia)
- C. EGYPTIAN BLUE FROM THE PALACE OF APRIES: ON THE PROVENANCE OF THE COPPER COMPONENT**
Rodler, Alexandra (Research Group Object Itineraries, Department Historical Archaeology, Austrian Archaeological Institute, Austrian Academy of Sciences; Department of Lithospheric Research, University of Vienna) - Brøns, Cecilie (Ny Carlsberg Glyptotek) - Tepe, Nathalie - Hofmann, Thilo (Centre for Microbiology and Environmental Systems Science, Department for Environmental Geosciences, University of Vienna) - Koeberl, Christian (Department of Lithospheric Research, University of Vienna) - Frei, Robert (Department of Geosciences and Natural Resource Management, University of Copenhagen) - Artioli, Gilberto (Department of Geosciences, University of Padua)
- D. MULTI-ANALYTICAL CHARACTERIZATION OF WALL-PAINTINGS FROM THE LATE ANTIQUE VILLA OF NEGRAR (VERONA, ITALY)**
Stella Mosimann, Federica - Dilaria, Simone (University of Padova, Department of Cultural Heritage)



399 LINKING DATABASES FOR COMPARING RESEARCH: DO WE NEED A EUROPEAN HILLFORT INFORMATION SYSTEM? [COMFORT]

Time: Saturday 3 Sept, 16:30 - 18:30

Format: Round table

Organisers: Loy, Anna (ROOTS Kiel) - Whitefield, Hans (ZBSA Schleswig) - Bernard, Loup (Université de Strasbourg) - Ibsen, Timo (ZBSA Schleswig)

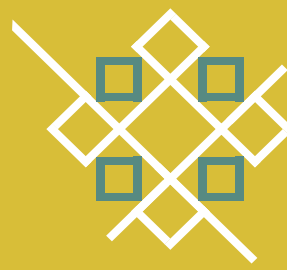
The proliferation of web-based geographic interfaces for the investigation of archaeological phenomena naturally leads to the conclusion that super-regional perspectives can now be assembled for numerous archaeological phenomena. Hillforts or fortification are one of the clearest examples of this trend with numerous regional and national scale compilations being made available. The focus of these databases varies from heritage management catalogues, to curated academic and scientific collections and touristic information. We seek to discuss the possibilities for a pan-European database, in terms of both theory and practicality; as well as how such a system might be used to shape future research.

Since the monuments themselves are multifaceted is it possible to apply GIS as a reductive technique to these monuments on such a super-regional or European scale or does it unduly suppress unique analysis and interpretation? Is the shared terminology of "hillfort" appropriate for such a wide area or does it actively obscure a broader spectrum of phenomena in prehistory?

In practical terms for a data base, we ask: Can we provide standardized knowledge and data on hillforts, which would help scientists filter the tremendous amount of information scattered in thousands of articles, publications, excavation reports, and archives according to their specific questions? Does it make sense to combine and link smaller platforms into a monothematic platform to raise awareness, promote hillfort research, and offer easy access to the related data?

It is also necessary to consider how this dataset could grow and develop overtime. Would developing guidelines for documenting hillfort excavations or surveys enable us to unify research questions and make hillfort research comparable? How should we go about incorporating the growing body of both archival and grey literature at our disposal?

The round table aims to connect specialist and interested scholars who use and moderate hillfort specific databases.



406 ANCIENT AND TRADITIONAL CRAFTS IN CHANGING ENVIRONMENTS: ADDRESSING THE NEEDS FOR TEMPORAL PERSPECTIVES

Time: Saturday 3 Sept, 8:30 - 12:30

Format: Session with precirculated papers

Organisers: Radini, Anita (BioArCH and York JEOL Nanocentre, University of York) - Demarchi, Beatrice (University of Turin) - Beach, Alison (St Andrews University)

PAPERS

8:30 INTRODUCTION

8:45 TRADITIONAL CRAFTS AND FUTURE HEALTH: WHY WE NEED THE PAST

Radini, Anita (Centre For Human Palaeoecology)

9:00 CRAFTS AND ARCHAEOLOGY OF NORTH AFRICAN ETHNIC MINORITIES

Leone, Anna (Department of Archaeology Durham University) - Radini, Anita (York University)

9:15 DISCUSSION SLOT

9:30 SMOKING HABITS IN A CHANGING WORLD: REVIEWING THE FIRING PRACTICES OF WEST BALKAN POTTERS

Jackson, Mark - Carlton, Richard - Shillito, Lisa-Marie - Rogers, Abbie (Newcastle University)

9:45 INCORPORATING ARCHAEOLOGY IN THE FORMAL TRAINING OF PHDS IN SUSTAINABILITY: THE CASE OF SUSTNET, TURIN (ITALY)

Demarchi, Beatrice (Universita` di Torino) - Giacoma, Cristina (University of Turin)

10:00 PRESERVING CRAFTSMANSHIP IN MODERN IRAQ: A HISTORY OF BOAT CONSTRUCTION IN MESOPOTAMIA DURING THE UR III PERIOD

Girardi, Virginia (University of Oxford)

10:15 DISCUSSION SLOT

11:00 PEOPLE, PLANTS, AND CRAFTS: WEAVING AND TWISTING PLANT-BASED MATERIALS IN THE WESTERN MEDITERRANEAN DURING IRON AGE

Martin Seijo, Maria (Universidad de Cantabria) - Azorín, Marian (Institut Català de Paleocologia Humana i Evolució Social-IPHES)

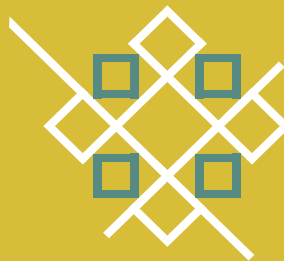
11:15 WORKING WOMEN: A NEW INTERDISCIPLINARY APPROACH TO CRAFT AND ARTISTIC PRODUCTION IN PRE-MODERN FEMALE RELIGIOUS COMMUNITIES

Beach, Alison (University of St Andrews)

11:30 FROM MICRO-ARCHAEOLOGY TO MICRO-ECONOMY: A CASE STUDY FROM THE ITALIAN PIEDMONT REGION

Sandron, Sarah - Boano, Rosa - Cinti, Alessandra - Spiteri, Cynthianne - Demarchi, Beatrice (University of Turin) - Beach, Alison (University of St Andrews)

11:45 DISCUSSION SLOT



416 CHALLENGING ISLAND ARCHAEOLOGY WITH THE THIRD SCIENCE REVOLUTION

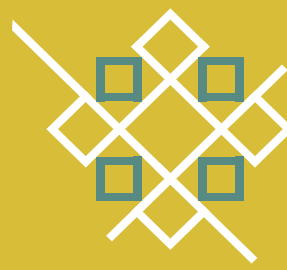
Time: Saturday 3 Sept, 8:30 - 16:00

Format: Regular session

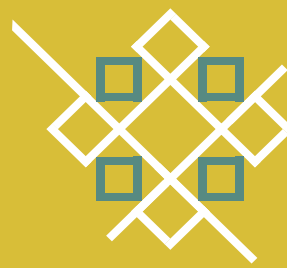
Organisers: Santana-Cabrera, Jonathan (University of Las Palmas de Gran Canaria) - Speciale, Claudia (University of Gothenburg) - Surera-Torres, Pau (Incipit - Instituto de Ciencias del Patrimonio - CSIC)

PAPERS

- 8:30** **CHRONOLOGY, SITE FORMATION PROCESSES, PALEOENVIRONMENTAL CONTEXT AND THE SEASONALITY OF HUMAN OCCUPATIONS AT LAS ESTACAS CAVE, TENERIFE (SPAIN)**
 Hernández Gómez, Cristo (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna) - Jambrina Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología. Facultad de Ciencias. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna) - Castilla Beltrán, Álvaro (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna) - Gutiérrez Zugasti, Igor (Instituto Internacional de investigaciones prehistóricas de Cantabria - Universidad de Cantabria, Gobierno de Cantabria, Banco Santander. Universidad de Cantabria) - de Nascimento, Lea (Departamento de Botánica, Ecología y Fisiología Vegetal. Facultad de Ciencias. Universidad de La Laguna; Grupo de investigación Interuniversitario de Ecología y Biogeografía insular) - Mesa Hernández, Eduardo (Grupo de Investigación) - García Villa, Pedro (Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna; Dipartimento dei Beni Culturali: archeologia, storia dell'arte, del cinema e della musica, Università degli Studi di Padova) - Hernández Tomé, Laura (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna) - Mallol Duque, Carolina (Departamento de Geografía e Historia. Universidad de La Laguna; Instituto Universitario de Bio-orgánica Antonio González. Universidad de La laguna; Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour - ICAREHB, Universidade do Algarve)
- 8:45** **CHALLENGING CONCEPTS OF REMOTENESS IN THE OUTER HEBRIDES**
 Rennell, Rebecca (UHI Archaeology Institute) - Gal, Emily (University of the Highlands and Islands)
- 9:00** **NEW PERSPECTIVES ON THE COLONIZATION OF THE CANARY ISLANDS**
 Santana-Cabrera, Jonathan - Morquecho-Izquier, Aarón - Brito-Mayor, Aitor (University of Las Palmas de Gran Canaria)
- 9:15** **UNDERSTANDING SMALL ISLANDS DYNAMICS FROM MULTIDISCIPLINARY AND MULTI-PROXY ANALYTICAL APPROACHES. THE CASE OF FORMENTERA (BALEARIC ISLANDS, WESTERN MEDITERRANEAN)**
 Sureda, Pau (Instituto de Ciencias del Patrimonio - Incipit-CSIC)
- 9:30** **HUMAN-ENVIRONMENTAL INTERACTION ON A SMALL ISLAND: A PRELIMINARY MODEL OF FRESHWATER SUPPLY IN HELLENISTIC AND ROMAN USTICA (ITALY)**
 Vinci, Giacomo (Dipartimento di Scienze Storiche e dei Beni Culturali, Università di Siena) - Foresta Martin, Franco (Laboratorio Museo di Scienze della Terra Isola di Ustica; Istituto Nazionale di Geofisica e Vulcanologia, Sezione di Palermo) - Furlani, Stefano (Dipartimento di Matematica e Geoscienze, Università di Trieste) - Dawson, Helen (Dipartimento di Storia Culture Civiltà, Università di Bologna; Institut für Prähistorische Archäologie, Freie Universität Berlin)
- 9:45** **BEYOND FARMING, SHEPHERDING AND RECOLLECTION: ISLANDER SUBSISTENCE STUDIED THROUGH STABLE ISOTOPE ARCHAEOLOGY DURING THE PREHISPANIC PERIOD OF THE CANARY ISLANDS**
 Cañadillas, Elías (University of La Laguna) - Santana-Cabrera, Jonathan (Universidad de Las Palmas de Gran Canaria)
- 10:00** **DISCUSSION SLOT**
- 11:00** **ONE IN A FLEET OF A THOUSAND: ADRIATIC SMALL ISLAND ARCHAEOLOGY AND THE CASE STUDY OF THE ISLAND OF IST**
 Domines Peter, Pio (University of Zadar)
- 11:15** **LET'S TALK ABOUT DEATH. SOCIAL CHANGES THROUGH THE STUDY OF FUNERARY ARCHITECTURE AT THE MINORCA ISLAND (6TH-2ND CENTURY BCE)**
 Carbonell Pastor, Sonia (University of Alicante)



- 11:30 SAME SPACE, DIFFERENT PEOPLE: RADIOCARBON DATES AND THE INDIVIDUALS FROM TWO DIFFERENT NECROPOLES FROM POLLENTIA (MALLORCA, BALEARIC ISLANDS)**
Ordóñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Cau Ontiveros, Miguel Angel (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB, Institut d'Arqueologia de la Universitat de Barcelona - IAUB, Universitat de Barcelona - UB; ICREA; Chercheur associé, Aix-Marseille Univ, CNRS, Centre Camille Jullian, Aix-en-Provence) - Chávez Álvarez, Esther (Universidad de La Laguna) - Mas Florit, Catalina (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB, Institut d'Arqueologia de la Universitat de Barcelona - IAUB, Universitat de Barcelona - UB)
- 11:45 IDENTITY AND LONGUE DURÉE: REVISITING THE PREHISTORY OF MENORCA**
Díaz-Zorita Bonilla, Marta (Eberhard Karls Universität Tübingen; SFB1070 "Ressourcenkulturen" Eberhard Karls Universität Tübingen) - Timm, Monice - Marciales, Mauricio (SFB1070 "Ressourcenkulturen" Eberhard Karls Universität Tübingen) - Baten, Jörg (Eberhard Karls Universität Tübingen) - Alarcón García, Eva - Moreno Onorato, Auxilio (University of Granada) - Escudero Carrillo, Javier (University of Granada; Eberhard Karls Universität Tübingen) - Arboledas Martínez, Luis (University of Granada)
- 12:00 STEROIDS AND BILE ACIDS IN DUNG: BIOMOLECULAR APPROACH TO A RECENT INDIGENOUS FUMIER DEPOSIT IN LA PALMA (CANARY ISLANDS)**
Fernández-Palacios, Enrique (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Jambolina-Enríquez, Margarita (Departamento de Biología Animal, Edafología y Geología, Facultad de Ciencias, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Égüez, Natalia (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna) - Herrera-Herrera, Antonio (Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna; Departamento de Química, Facultad de Ciencias, Universidad de La Laguna) - Mallol, Carolina (UDI de Prehistoria, Arqueología e Historia Antigua, Departamento de Geografía e Historia, Facultad de Humanidades, Universidad de La Laguna; Archaeological Micromorphology and Biomarkers - AMBI, Research Lab, Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna)
- 12:15 OFFSHORE PIGS: SUS EXPLOITATION AND EXTIRPATION ON ISLANDS AROUND JAPAN FROM THE NEOLITHIC TO THE EARLY MODERN ERA**
Hudson, Mark (Max Planck Institute for the Science of Human History) - Uchiyama, Junzo (Sainsbury Institute for the Study of Japanese Arts and Cultures)
- 12:30 DISCUSSION SLOT**
- 14:00 LIVING ON THE EDGE: LANDSCAPE, SUBSISTENCE, AND NETWORK DYNAMICS ON USTICA ISLAND (SICILY) DURING THE BRONZE AGE**
Dawson, Helen (Università di Bologna; Freie Universität Berlin) - Mannino, Marcello (Aarhus University) - Spatafora, Francesca ("Polo di Palermo per i Parchi e i Musei Archeologici/Museo Archeologico A. Salinas")
- 14:15 THE WHO, WHY, AND WHEN. PEOPLING OF THE CANARY ISLANDS AND THE CHALLENGES OF ARCHAEOLOGY**
Cuello del Pozo, Paloma (Texas A&M University)
- 14:30 THE PEOPLING OF THE CANARY ISLANDS FROM A PALEOGENOMIC PERSPECTIVE**
Serrano, Javier (Universidad de La Laguna) - Ordóñez, Alejandra - Santana, Jonathan (Universidad de Las Palmas de Gran Canaria) - Arney, Matilde - Fregel, Rosa (Universidad de La Laguna)
- 14:45 PALEOGENOMIC ASSESSMENT OF THE IMPACT OF THE EUROPEAN COLONIALISM ON INDIGENOUS POPULATIONS: THE CANARY ISLANDS AS A PROXY**
Fregel, Rosa - Díaz-Pérez, Clara (Universidad de La Laguna) - Ordóñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Serrano, Javier (Universidad de La Laguna)



15:00 CHALLENGING ISLAND ARCHAEOLOGY WITH THE THIRD SCIENCE REVOLUTION: NEW DATA FROM THE TWO LIMESTONE ISLANDS OF MALTA AND LISMORE

Stoddart, Simon (University of Cambridge) - Ariano, Bruno - Bradley, Daniel (Trinity College Dublin) - Cologne, Anders (University of Cambridge) - Eposito, Carmen (Cardiff University) - Kaljée, Colin (University of Cambridge) - Madgwick, Richard (Carduff University) - McLaughlin, Rowan (Queen's Belfast) - Nafplioti, Argyro (Independent) - Reimer, Paula (Queen's Belfast)

15:15 FUNERARY RITUALS AND MOBILITY ON A SMALL MEDITERRANEAN ISLAND. THE CASE OF USTICA (SICILY, ITALY) DURING THE NEOLITHIC

Speciale, Claudia (Gothenburg University) - Arienzo, Ilenia (National Institute of Geophysics and Volcanology, Naples) - Micciché, Roberto (University of Palermo) - Prillo, Vito (University of Padua) - Battaglia, Giuseppina (Cultural Heritage Department, Palermo) - Larosa, Nunzia (UNE - University of New England, Armidale) - de Vita, Sandro (National Institute of Geophysics and Volcanology, Naples) - Rickards, Olga - De Angelis, Flavio (UniRoma 2, Tor Vergata, Rome)

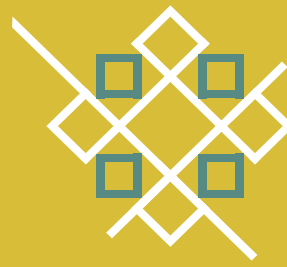
15:30 DISCUSSION SLOT

POSTERS

A. MITOGENOMIC ANALYSIS OF THE DOMESTIC ABORIGINAL SPECIES OF THE CANARY ISLANDS

Díaz Pérez, Clara (Universidad de La Laguna) - Ordoñez, Alejandra (Universidad de Las Palmas de Gran Canaria) - Serrano, Javier - Vacas-Fumero, Emilio - Fregel, Rosa (Universidad de La Laguna)

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#s420

420 EAA COMMUNITY FOR CLIMATE CHANGE AND HERITAGE (CCH) ROUNDTABLE

Time: Saturday 3 Sept, 11:00 - 13:00

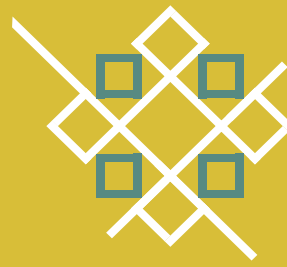
Format: Round table

Organisers: Biehl, Peter F (University of California Santa Cruz) - Dalen, Elin (Norwegian Directorate of Cultural Heritage - RA) - Vandrup Martens, Vibeke (Norwegian Institute for Cultural Heritage Research - NIKU)

Archaeology and cultural heritage are important to both human understanding and management of crises. 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 in early 21st century. We have as background the results from the recently completed COP26 in Glasgow (November 2021), as well as statements on climate change and heritage released by the EAA 2021, Social Archaeology of Climate Change Summit (SACC 2021), and the Society for American Archaeology (SAA) (in progress, to be released Spring 2022), which all point to different important aspects on how archaeology and archaeologists can contribute.

This sixth roundtable organized by the EAA Community for 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 as well as specialists in climate change and heritage research as a sounding board for the CCH activities. 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 global climate crisis.



422 '... IN WITH THE NEW!': THE FUTURE OF ARCHAEOLOGICAL RESEARCH IN MEDIEVAL EUROPE

Time: Saturday 3 Sept, 16:30 - 18:30

Format: Session with presentation of 6 slides in 6 minutes

Organisers: Busset, Anouk (Université de Lausanne) - Sawicki, Jakub (Academy of Sciences of the Czech Republic)

PAPERS

16:30 INTRODUCTION

16:36 NEW METHODOLOGICAL PERSPECTIVES FOR THE STUDY OF THE MEDIEVAL PEASANTRY IN NORTHERN IBERIA

Rebollar Flecha, Luis (University of Oviedo)

16:42 RECONSIDERING PEASANTRY AND LOCAL COMMUNITIES IN THE EARLY MIDDLE AGES THROUGH A GENDER(S) PERSPECTIVE.

Carballido González, Elías (University of Oviedo)

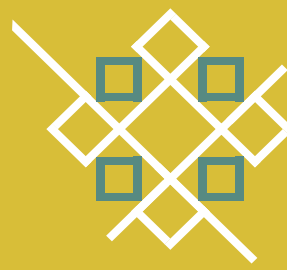
16:48 RECONSTRUCTION OF MEDIEVAL FOREST DEVELOPMENT USING MINING TIMBERS FROM THE ORE MOUNTAINS

Ahlgrimm, Svenja (University Greifswald)

16:54 NEW WORK ON OLD EXCAVATIONS. BRINGING TOGETHER RESULTS FROM OLDER AND YOUNGER EXCAVATIONS TO ENLIGHTEN WATER AND WASTE MANAGEMENT

Swensen, Elisabeth (NTNU University Museum)

17:00 DISCUSSION SLOT



436 GENERAL SESSION

Time: Saturday 3 Sept, 8:30 - 13:00
Format: Regular session
Chair: to be confirmed

PAPERS

- 8:30** **CROSSING BOUNDARIES FOR NEW PERSPECTIVES FOR HOARDS RESEARCH**
 Maciejewski, Marcin (Institute of Archaeology Maria Curie-Sklodowska University)
- 8:45** **IBERIAN SHIPBUILDING DOCUMENTS, DATABASES, AND WORLDWIDE RESEARCH**
 Silveira Martins, Adolfo António (Universidade Autonoma de Lisboa, CICH; Centro de Geocências. Universidade de Coimbra; Instituto Terra e Memória) - Martins, Adolfo Miguel (CFE, Centre for Functional Ecology – Science for People & the Planet, Department of Life Sciences, University of Coimbra, at the NOVE University)
- 9:00** **HOW THE HILLFORTS BECAME THE MOST FAMOUS ARCHEOLOGICAL HERITAGE SITES IN LITHUANIA?**
 Virsilienė, Jurgita (University of Klaipėda)
- 9:15** **WE ALL NEED AN EU HERITAGE AND HISTORIC ENVIRONMENT DIRECTIVE WHICH INCLUDES LICENSING FOR THOSE WHO WORK IN IT**
 Forrestal, Colin (Independent Researcher)
- 9:30** **CULTURAL HERITAGE THAT CREATES IDENTITY IN THE FACE OF CLIMATE CHANGE**
 Sozer Kolemenoglu, Selma (Universidad Empresarial De Costa Rica)
- 9:45** **DISCUSSION SLOT**
- 11:00** **THE HYDROGRAPHIC NETWORK: A BARRIER PREVENTING THE EXPANSION OF PREHISTORIC POPULATIONS?**
 Ibrahim Hassan, Tayiba - Degioanni, Anna (Aix-Marseille Université, Ministère de la Culture, CNRS, Lampea, Aix-en-Provence)
- 11:15** **A MULTITEMPORAL TALE OF MONUMENTALITY IN THE NECKAR VALLEY**
 Verdonkschot, Jadranka (Universität Tübingen)
- 11:30** **COIN HOARDS FROM HISPANIA AS DEMOGRAPHIC PROXY**
 Díez Castillo, Agustín - Martínez-Chico, David (Universitat de València)
- 11:45** **DRESS TO HEAL? NATURAL DYES AND DYE-PLANTS AS HERBAL REMEDIES IN THE ROMAN TIMES**
 Pásztoókai-Szeoke, Judit (freelance archaeologist)
- 12:00** **THE ECONOMY DURING THE IV-VI CENTURIES IN DARDANIA**
 Šipoli, Elza (Pázmány Péter Catholic University)
- 12:15** **FROM A MONUMENTAL CITY TO A RURAL SETTLEMENT: TEOTIHUACAN IN EARLY COLONIAL TIMES**
 Torras Freixa, Maria (Universitat de Barcelona; Boston University) - Moragas Segura, Natalia - Bosque Canton, Cristina - Alvaro Rueda, Maria Karen - Pecci, Alessandra (Universitat de Barcelona)
- 12:30** **DISCUSSION SLOT**

POSTERS

- A. ARCHAEOLOGY, ARCHAEOLOGICAL TOURISM AND THE LOCAL COMMUNITY IN BALTIC SEA REGION - ARCHAEOBALT PROJECT CASE STUDIES**
 Czonstke-Swiatkowska, Karolina (University of Gdańsk; Archaeological Museum of Gdańsk) - Caretta, Nicolas (Bornholms Museum) - Maddox, Timmis (University of Wisconsin-Milwaukee) - Świątkowski, Bartosz (University of Gdańsk) - Thorsen, Michael (Bornholms Museum)
- B. "WHY AM I HANGING LIKE THAT?" EXECUTION SITES IN LOWER SILESIA AS A SPECIFIC FORM OF SPACE LIMITATION**
 Świątkowski, Bartosz (University of Gdańsk) - Wojtucki, Daniel - Wojtucka, Karolina (University of Wrocław) - Leśniewska, Dominika (University of Gdańsk) - Mucha, Natalia (Nicolaus Copernicus University)