

10:00 DISCUSSION SLOT

**1179 THE EXPLOITATION, USES, AND REPRESENTATIONS OF MARINE INVERTEBRATES (MOLLUSCS, CRUSTACEANS, ECHINODERMS) IN THE ROMAN EMPIRE**

**Room:** 46=CU013-FL2-Rasetti

**Time:** 14:00 - 18:30

**Theme:** 1. The Material Record: Current Trends and Future Directions

**Format:** Regular session

**Organisers:** Mougne, Caroline (Muséum National D'Histoire Naturelle Paris) - Theodoropoulou, Tatiana (UMR7264 - CNRS - Université Côte D'Azur Nice) - Corbino, Chiara (University of Sheffield) - Marzano, Annalisa (University of Bologna)

**ABSTRACTS**

14:00 INTRODUCTION

14:15 **HARVESTING AND EXPLOITATION OF MEDITERRANEAN MARINE INVERTEBRATES IN ROMAN TIMES**

Carenti, Gabriele - Theodoropoulou, Tatiana (CEPAM, CNRS, Université Côte d'Azur)

14:30 **THE EASTERN VALVE: THE EXPLOITATION OF MARINE INVERTEBRATES IN THE GREEK PROVINCE OF THE ROMAN EMPIRE, AN UNKNOWN RECORD**

Theodoropoulou, Tatiana (CEPAM, CNRS-Université Côte d'Azur)

14:45 **PROVENANCE DETERMINATION OF CONSUMED OYSTERS AT BAELO CLAUDIA, GIBRALTAR**

Mouchi, Vincent (CREAAH - Université de Rennes) - Audebert, Ludvine (Arscan - Université Paris 1) - Pesnin, Marie (LSCE - Université Paris-Saclay) - Bernal Casasola, Dario (Department of History, Geography and Philosophy - University of Cadix) - Emmanuel, Laurent (Istep - Sorbonne Université)

15:00 **SEA-URCHIN MIDDENS IN ROMAN ARCHAEOLOGY: NEW EVIDENCE FROM BAELO CLAUDIA**

Bernal-Casasola, Dario - Expósito, José Angel - Lara Medina, Macarena - Díaz, Jose J. (Universidad de Cádiz)

15:15 **ECHOES OF THE SEA. MOLLUSKS CONSUMPTION IN THE EGYPTIAN EASTERN DESERT: THE CASE OF DEIR EL-ATRASH FORTRESS**

Morand, Nicolas (Muséum National d'Histoire Naturelle Paris)

15:30 **SHELLFISH EXPLOITATION IN SOUTHERN FRANCE DURING THE ROMAN PERIOD : DEFINITION OF AN „ ANTIQUE MODEL „ AND RECENT FINDINGS.**

Vianney, Forest (Inrap - National Institute for Preventive Archaeological Research; UMR 5608 Traces Toulouse) - Cyprien, Mureau (CNRS, UMR 5554 ISEM, Montpellier)

15:45 DISCUSSION SLOT

16:30 **IMPACT OF THE ROMANISATION ON THE EXPLOITATION AND USE OF MARINE INVERTEBRATES: THE EXAMPLE OF WEST-CENTRAL GAUL**

Mougne, Caroline (UMR 7209 AASPE, Muséum National d'Histoire Naturelle, France) - Dupont, Catherine (CNRS UMR 6566 CREAAH, Université de Rennes)

16:45 **SHRIMPS IN FISH SAUCE? EXCEPTIONAL DISCOVERIES OF SHRIMP REMAINS IN THE ARCHAEOLOGICAL LEVELS OF TWO ROMAN SITES IN WESTERN FRANCE**

Borvon, Aurélia (CNRS, UMR 7041)

17:00 **SUPPLY AND USE OF MARINE SHELLFISH IN THE CITY OF AUTRICUM (CHARTRES, NORTHWEST FRANCE)**

Julie, Rivière (Direction de l'Archéologie de Chartres; Museum d'Histoire Naturelle de Paris, UMR 7009) - Caroline, Mougne (Museum d'Histoire Naturelle de Paris, UMR 7009)

17:15 **THE RITUAL USE OF OYSTERS IN ROMAN BRITIAN**

Goldstein, Avner (Boston College)

17:30 DISCUSSION SLOT

**1182 COOPERATING OR COMPETING? THE ORGANISATION OF SPACE AND POWER USING NETWORKS AND SYSTEMS OF FORTIFICATIONS**

**Room:** 34=CU005-FL1-Lucchesi

**Time:** 14:00 - 18:30

**Theme:** 5. All Roads Lead to Rome: Multiscalar Interactions

**Format:** Regular session

**Organisers:** Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie - ZBSA; Leibniz-Zentrum für Archäologie - LEIZA - Messal, Sebastian (Lower Saxony State Service for Cultural Heritage) - Fontana, Giacomo (University College London)

**ABSTRACTS**

14:00 INTRODUCTION

- 14:15 'THE HEARTBEAT OF HILLFORTS' - ON THE NECESSITY OF CONTEMPORANEITY FOR THE INTERPRETATION OF SYSTEMS OF FORTIFICATIONS  
Ibsen, Timo (Leibniz-Zentrum für Archäologie (LEIZA-ZBSA))
- 14:30 LATE BRONZE AGE SETTLEMENT NETWORK IN SERBIAN BANAT, SOUTHERN CARPATHIAN BASIN  
Estanqueiro, Marta (University College Dublin; CEAACP- University of Coimbra)
- 14:45 FORTIFIED LANDSCAPES OF HELLENISTIC EPIRUS: FORTIFICATIONS, MOBILITY AND CONTROL OF SPACE  
Castignani, Veronica (University of Catania)
- 15:00 THE OPPIDA OF THE ALTO MINHO (PORTUGAL) AND THEIR TERRITORY BETWEEN 2ND CENTURY BC-1ST CENTURY AD: IDENTIFYING SPATIAL NETWORKS  
Maciel, Sílvia (University of Santiago de Compostela, Spain; Lab2Pt University of Minho) - Rotea, Rebeca (Lab2Pt, Unity of Archaeology, University of Minho) - Götz, Manuel (Abercromby Chair of Archaeology School of History, Classics and Archaeology University of Edinburgh)
- 15:15 MIDDLE IRON AGE FORTIFICATIONS ON THE NORTHERN EDGE OF THE GERMAN LOW MOUNTAIN ZONE  
Messal, Sebastian (Lower Saxony State Service for Cultural Heritage)
- 15:30 LATE IRON AGE ENCLOSURES IN WESTERN GERMANY  
Claßen, Erich - Herzog, Irmela - Frank, Klaus (Lvr-Amt für Bodendenkmalpflege Im Rheinland) - Berthold, Jens (Bornholms Museum) - Weiler-Rahnfeld, Ivonne (Lvr-Amt für Bodendenkmalpflege Im Rheinland)
- 15:45 DISCUSSION SLOT
- 16:30 ROMAN FORTS IN THE LINE OF FIRE. ANALYSING BUILDING PROGRAMMES IN THE LOWER RHINE DELTA  
Chorus, Julia (Chorus Archeologie; Radboud University)
- 16:45 WAR ON HIGH: THE EARLY MEDIEVAL KASTRA OF KALYMNOS, GREECE  
Kardulias, Drosos (University of Michigan Museum of Anthropological Archaeology) - Greiner, Elliot - Nama, Shriya - Battista, Vincent (University of Michigan)
- 17:00 A FORTIFIED ISLAND? SYSTEMS OF DEFENCE AND SURVEILLANCE ON BORNHOLM IN THE 1ST MILLENNIUM CE  
Albris, Sofie Laurine (National Museum of Denmark)

- 17:15 THE HILLFORT BROBORG PROTECTED THE UPPSALA REGION AND WAS THEN LEFT IN ISOLATION  
Sjöblom, Rolf - Hjärthner-Holdar, Eva (Luleå University of Technology) - Ogenhall, Erik (Independent Researcher) - Pearce, Carolyn - Marcial, José - Neeway, James (Pacific Northwest National Laboratory) - McCloy, John (Washington State University) - Vicenzi, Ed (Smithsonian Institution, Museum Conservation Institute) - Kruger, Albert (US Department of Energy, Office of River Protection)
- 17:30 THE PIAST DYNASTY'S KEY TO EASTERN POMERANIA? UNIQUE CLUSTER OF THREE STRONGHOLDS IN CIEPŁE (NORTHERN POLAND)  
Wadył, Sławomir (Faculty of Archaeology, University of Warsaw) - Szczepanik, Paweł (Institute of Archaeology, Nicolaus Copernicus University in Toruń)
- 17:45 DISCUSSION SLOT
- 18:00 DISCUSSION SLOT

### 1190 AGRO-SILVO-PASTORAL PRACTICES AND MEETING POINTS IN UPPER MONTANE REGIONS. CREATING AND PRESERVING COMMUNITY BONDS

**Room:** 60=CU022-EXT-Serra

**Time:** 16:30 - 18:30

**Theme:** 7. Archaeology of Sustainability through World Crises, Climate Change and War

**Format:** Regular session

**Organisers:** Aparicio Martínez, Patricia (University of Toronto; Pontificia Universidad Católica del Perú) - Delgado Arcos, José Alberto - Rebollar Flecha, Luis Miguel - Menéndez Blanco, Andrés (Universidad de Oviedo)

### ABSTRACTS

- 16:30 MOUNTAINS, DEITIES AND PEOPLE: THE CASE OF THE CULT OF NYMPHS AND PAN IN ATTIC CAVES  
Martino, Maria Grazia (Independent Researcher)
- 16:45 FROM RESOURCE COLONISATION TO HERITAGISATION AND LOCAL ACTIVISM. THE HISTORY OF A SHIELING IN WESTERN SWEDEN  
Johansson, Annie (County Administrative Board (Värmland) - Pettersson, Susanne (Independent) - Svensson, Eva (Karlstad University)