

Microarchaeology: making visible the invisible archaeological record through high-resolution integrated approaches

When: 26 - 27 May 2022

Where: Escuela Española de Historia y Arqueología (EEHAR-CSIC), Rome

Coordination: Marta Portillo (IMF-CSIC), Aroa García-Suárez (IMF-CSIC), Juan Francisco Gibaja (EEHAR-CSIC), and Antonio Pizzo (EEHAR-CSIC)

This is a hybrid event (online and in-person) and it will take place at the EEHAR-CSIC in Rome. This conference is funded by the ArchaeologyHub.CSIC 2022 Internal Research Grant [4_004]. The conference will be video-recorded and may be available in YouTube EEHAR-CSIC.

Program

Thursday 26 May

Presentation

13.30-13.45. **Antonio Pizzo (EEHAR-CSIC)**. Institutional welcome

13.45-14.00. **Marta Portillo (IMF-CSIC), Aroa García-Suárez (IMF-CSIC), Juan Francisco Gibaja (EEHAR-CSIC)**. Conference introduction

Session I. Prehistory, ethnoarchaeology and experimental archaeology

14.00-14.30. **Niccolò Mazzucco (Università di Pisa)**, Mario Mineo (Museo delle Civiltà), Daniele Arobba (Museo Archeologico del Finale, Istituto Internazionale di Studi Liguri), Rosanna Caramiello (Università di Torino), Laura Caruso (Istituto Patagónico de Ciencias Sociales y Humanas, IPCSH-CONICET), Juan José Ibáñez (IMF-CSIC), Lionello Morandi (Universität Tübingen), Millán Mozota (IMF-CSIC), Fiona Pichon (IMF-CSIC), Marta Portillo (IMF-CSIC), Maxime Rageot (University of Tübingen and Ludwig Maximilian University of Munich), Gerard Remolins (ReGiraRocs), Mauro Rottoli (ARCO Cooperativa di Ricerche Archeobiologiche), and Juan Francisco Gibaja (EEHAR-CSIC). A multi-proxy experimental and archaeological case study from Neolithic harvesting tools from the lakeshore village of La Marmotta, Italy [online]

14.30-15.00. **Andrea Zupancich (IMF-CSIC)**, Emanuela Cristiani (Università La Sapienza di Roma), Juan José Ibáñez (IMF-CSIC), Avi Gopher (Tel Aviv University). Groundstone tools and

dental calculus as means to investigate the use of wild plants in the Levant at the dawn of agriculture

15.00-15.30. **Lionello Morandi (Universität Tübingen)**. Palaeoecological proxies for prehistoric pastoralism: experimental data and archaeological case studies from Liguria, NW Italy

15.30-16.00. **Cristiano Nicosia (Università di Padova)**. Geoarchaeology in Bronze Age wetland contexts [online]

16.00-16.15. Discussion

16.15-16.30. Coffee break

16.30-17.00. **Giulio Lucarini (National Research Council of Italy, Institute of Heritage Science, CNR-ISPC)**, Giuseppina Mutri (The Cyprus Institute), Anita Radini (The University of York). From environment to crafts: High-resolution interdisciplinary approaches to the study of prehistoric North African communities

17.00-17.30. **Emanuela Cristiani (Università La Sapienza di Roma)**. On tartar and stones: cereal grain consumption and familiarity among mesolithic foragers of the Balkans

17.30-18.00. **Alessandra Pecci (University of Barcelona)**. Combining chemical residue analyses as activity biomarkers: the archaeology of food production and consumption [online]

18.00-18.30. **Aroa García-Suárez and Marta Portillo (IMF-CSIC)**. Bones, plants, and dirt: integrated geoarchaeological, archaeobotanical and ethnoarchaeological approaches to Neolithic open spaces

18.30-18.45. Discussion

Friday 27 May

Session 2. Classical and Medieval archaeology

09.30-10.00. **Federica Sulas (University of Cambridge)**. Earthen houses in sub-Saharan Africa through soil micromorphology, geochemistry and phytoliths

10.00-10.30. **Mario Gutiérrez-Rodríguez (University of Jaén)**. Geoarchaeology of urban transformation processes and waste management practices in Roman cities of Hispania and Mauretania Tingitana: integrating microarchaeological techniques in Classical Archaeology

10.30-10.45. Discussion

10.45-11.15. Coffee break

11.15-11.45. **Yannick Devos and Luc Vrydaghs (Vrije Universiteit Brussel)**. Studying urban Dark Earth: recent examples from Belgium

11.45-12.15. **Rowena Y. Banerjee (University of Reading)**, Jérôme Ros (CNRS, University of Montpellier), Nicolas Losilla (University of Granada), Alex Brown (Wessex Archaeology), Lionello Morandi (Universität Tübingen), Michelle Alexander (University of York), Guillermo García-Contreras Ruiz (University of Granada), and Aleks Pluskowski (University of Reading). The Microarchaeology of Castlescapes

12.15-12.45. **Welmoed Out (Moesgaard Museum)**, Federica Sulas (University of Cambridge and Aarhus University), Marta Portillo (IMF-CSIC), Renée Enevold (Moesgaard Museum), Loïc Harrault (Paris I Panthéon-Sorbonne), Peter Mose Jensen (Moesgaard Museum), Søren Munch Kristiansen (Aarhus University), Karen Milek (Durham University), Peter Hambro Mikkelsen (Moesgaard Museum), Vana Orfanou (University College Dublin), Søren Michael Sindbæk (Aarhus University), and Merethe Schifter Bagge (Museum Skanderborg). Revealing the invisible dead: integrating bio-geoarchaeological approaches in an apparently 'empty' Viking-Age equestrian burial

12.45-13.00. Discussion

13.00-13.15. Conference closing