



27th Annual Meeting of the European Association of Archaeologists

Widening Horizons (<https://www.e-a-a.org/ea2021>)

Friday 10 September 2021

SESSION 207 - COMBUSTION FEATURES IN MEDITERRANEAN LATE PREHISTORY: MULTIDISCIPLINARY APPROACHES TO THEIR USES AND FUNCTIONS

Time: 11:00 - 18:30 CEST, 10 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Beylier, Alexandre (UMR5140, CNRS - Centre National de la Recherche Scientifique; Université Montpellier 3; Service archéologie Sète agglomération méditerranée) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Molist, Miquel (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National Research Council)

ABSTRACTS

11:00 INTRODUCTION

**11:15 PYROTECHNOLOGICAL PROCESSES BEHIND FIRE TRACES: EXPERIMENTAL
ARCHAEOLOGY FOR THE INTERPRETATION OF ARCHAEOLOGICAL RECORD**

Costa, Annalisa (LaBAAF, Laboratorio Bagolini Archeologia Archeometria Fotografia, Università degli Studi di Trento) - Cavulli, Fabio (Università degli Studi di Napoli Federico II, Dipartimento di Studi Umanistici) - Pedrotti, Annalisa (LaBAAF, Laboratorio Bagolini Archeologia Archeometria Fotografia, Università degli Studi di Trento)

- 11:30** **COMBUSTION STRUCTURES AND USE OF SPACE. A MULTIDISCIPLINARY APPROACH TO THE NEOLITHIC OCCUPATION AT COVA DE LES PIXARELLES (TAVERTET, BARCELONA)**
 Sisa-López de Pablo, Joaquim (Universitat Autònoma de Barcelona, Departament de Prehistòria, Grup de Recerca en Arqueologia prehistòrica de la Mediterrània i Pròxim Orient - GRAMPO) - Watzek, Julia (Inrap, Umr 5140 Archéologie des Sociétés Méditerranéennes; Equipe Sol-DMOS, AgroParisTech) - Álvarez, Ramón - Rauret, Anna Maria (Universitat de Barcelona, Departament d'Història i Arqueologia) - Gómez, Anna - Molist, Miquel (Universitat Autònoma de Barcelona, Departament de Prehistòria, Grup de Recerca en Arqueologia prehistòrica de la Mediterrània i Pròxim Orient - GRAMPO)
- 11:45** **A MULTIDISCIPLINARY TOOLSET TO STUDY A NEOLITHIC COMBUSTION STRUCTURE FROM THE NORTHEASTERN COAST OF THE IBERIAN PENINSULA**
 Monforte-Barberan, Andreu - Sisa-López de Pablo, Joaquim - Breu, Adrià (GRAMPO, Universitat Autònoma de Barcelona) - Beamud, Elisabet - Maestre, Estefanía (Unitat de PALEOMAGNETISME - CCiTUB-CSIC / Geosciences Barcelona - Geo3Bcn) - Gallego, Jose (Global Geomática SL) - Martínez, Pablo (SERP, Universitat de Barcelona / CIPAG) - Molist, Miquel (GRAMPO , Universitat Autònoma de Barcelona)
- 12:00** **AN APPROACH TO THE STUDY OF PREHISTORIC FIRE-PITS BASED ON NEOLITHIC EVIDENCE FROM THE BARCELONA PLAIN (SPAIN)**
 Ruiz, Joaquim (Universitat Autònoma de Barcelona. Prehistoria. GRAPPO)
- 12:15** **KILNS AND BUILDERS: AN EXPERIMENTAL STUDY ON HUMAN FACTOR IN THE CONSTRUCTION AND USE OF POTTERY FIRING INSTALLATIONS IN CHALCOLITHIC**
 Manea, Bogdan (ArchaeoSciences Division, ICUB, University of Bucharest) - Oprea, Vasile - Ignat, Theodor (Bucharest Municipality Museum) - Popescu, Gabriel - Lazăr, Cătălin (ArchaeoSciences Division, ICUB, University of Bucharest)
- 12:30** **FROM THE NORTH TO THE SOUTH. BRONZE AGE COMBUSTION FEATURES OF VIA ORDIERE-SOLAROLO AND MURSIA(ITALY): ARCHAEOLOGY, GEOARCHAEOLOGY, EXPERIMENTAL DATA**
 Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140, CNRS, Univ. Paul Valéry Montpellier 3, MCC; LabEx ARCHIMEDE, programme IA- ANR-11-LABX-0032-01; Università di Bologna) - Debandi, Florencia - Cattani, Maurizio (Università di Bologna)
- 12:45** **DISCUSSION SLOT**
- 14:30** **DEFINING RECURRENT HUMAN ACTIVITIES AT A 3RD MILLENNIUM SETTLEMENT THROUGH CONCENTRATIONS OF ARCHAEOBOTANICAL REMAINS: THE CASE OF DHASKALIO, KEROS, GREECE**
 Mavromati, Antigoni (Independent researcher) - Ntinou, Maria (School of History and Archaeology, Department of Archaeology, Aristotle University of Thessaloniki) - Tsartsidou, Georgia (Ephorate of Palaeoanthropology-Speleology, Ministry of Culture, Athens; M. H. Wiener Laboratory for Archaeological Science, ASCSA, Athens) - Margaritis, Evi (The Cyprus Institute, Science and Technology in Archaeology and Culture Research Center - STARC, Nicosia) - Boyd, Michael - Renfrew, Andrew (McDonald Institute for Archaeological Research, University of Cambridge)

- 14:45** **A MULTIDISCIPLINARY APPROACH TO FUEL CONSUMPTION: ANALYSIS OF LATE PREHISTORIC COMBUSTION FEATURES IN NE IBERIA AND THE BALEARIC ISLANDS**
Allué, Ethel (Institut de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Burguet-Coca, Aitor (Institut Català de Paleoeologia Humana i Evolució Social - IPHES-CERCA) - Mas, Bàrbara (Seminari d'Estudis i Recerques Prehistòriques - SERP, Departament d'Història i Arqueologia, Universitat de Barcelona) - Picornell-Gelabert, Llorenç (ArqueoUIB Research Team, Department of Historical Sciences and Theory of Arts. Universitat de les Illes Balears)
- 15:00** **IRON AGE COMBUSTION STRUCTURES IN THE EASTERN IBERIAN PENINSULA AND SOUTH OF FRANCE: A TRANSDISCIPLINARY STUDY**
Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National Research Council) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Pecci, Alessandra - Saorin, Carme (Universitat de Barcelona) - Camañes, Pilar - Cuscó, Oriol - Pastor, María - Canela, Joan (ICAC - Catalan Institute of Classical Archaeology)
- 15:15** **GEOCHEMICAL TECHNIQUES APPLIED TO THE STUDY OF COMBUSTION STRUCTURES**
Saorin, Carme (GRAP - Universitat de Barcelona)
- 15:30** **FUEL USE IN NORTHEASTERN IBERIA THROUGH MICROMORPHOLOGY AND PLANT MICROFOSSIL EVIDENCE FROM IRON AGE COMBUSTION INSTALLATIONS**
Mateu, Marta (Instituto de Investigaciones Antropológicas. Universidad Nacional Autónoma de México) - Portillo, Marta (Department of Archaeology and Anthropology, Archaeology of Social Dynamics - 2017SGR 995, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC, Barcelona)
- 15:45** **DISCUSSION SLOT**
- 16:30** **EVIDENCE FOR FIRE USE -OR NOT- AT THE TALAYOTIC SITE OF TORRE D'EN GALMÉS**
Perez-Juez, Amalia (Boston University; Institut Menorquí D'estudis) - Goldberg, Paul (University of Tübingen; Boston University)
- 16:45** **INTEGRATING MICROFOSSIL RECORDS FROM LIVESTOCK DUNG BURNED AS FUEL IN MENORCA, BALEARIC ISLANDS: AN EXPERIMENTAL APPROACH**
Portillo, Marta (Department of Archaeology and Anthropology, Archaeology of Social Dynamics - 2017SGR 995, Institució Milà i Fontanals - IMF, Spanish National Research Council - CSIC) - Dudgeon, Kate (Department of Archaeology, University of Reading) - Llergo, Yolanda (Department of Prehistory, Autonomous University of Barcelona) - Anglada, Montserrat - Ramis, Damià (Museu de Menorca, Menorca, Balearic Islands) - Ferrer, Antoni (Institut Menorquí d'Estudis, Menorca, Balearic Islands)
- 17:00** **INVESTIGATING COMBUSTION STRUCTURES THROUGH EXPERIMENTAL APPROACHES AT IRON AGE CALAFELL ARCHAEOLOGICAL SITE (TARRAGONA, SPAIN)**
Belarte, Maria Carme (ICREA - Catalan Institution for Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Pou, Josep (Ajuntament de Calafell) - Morer, Jordi (Món Iber ROCS SL; Universitat de Barcelona) - Pastor, María (ICAC - Catalan Institute of Classical Archaeology) - Portillo, Marta (Institució Milà i Fontanals, CSIC - Spanish National

Research Council) - Mateu, Marta (Instituto de Investigaciones Antropológicas, Universidad Nacional Autónoma de México) - Pecci, Alessandra - Saorin, Carme (Universitat de Barcelona) - Fernández, Joaquim (Universitat Autònoma de Barcelona)

- 17:15** **MODULAR OVENS OF THE CAPUT ADRIAE IRON AGE: USE AND FUNCTION**
Tasca, Giovanni (Museo Civico di San Vito al Tagliamento) - Vinazza, Manca (University of Ljubljana) - Groppo, Veronica (University of Venice)
- 17:30** **CONSTRUCTION OF SOCIAL HISTORY OF CONTROL AND APPLICATION OF THERMAL ENERGY PROCESS AND ITS TECHNICAL, SOCIAL, SYMBOLIC AND PALAEOENVIRONMENTAL CONSEQUENCES**
March, Ramiro (CNRS)
- 17:45** **DISCUSSION SLOT**



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