

**IPHES<sup>R</sup>**

**Institut Català de Paleoecologia  
Humana i Evolució Social**



# 2016 Annual Report



Board of Trustees





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## Message from the director



Robert Sala, IPHES director/IPHES

It is for me a pleasure to introduce the 2016 Annual Report of Activities of the Catalan Institute of Human Palaeoecology and Social Evolution. IPHES is a mature institute hosting very active research teams devoted to the creation and socialisation of knowledge on the human evolutionary process in all its dimensions and framework. The scientific activity of our institute is currently organised on three Consolidated Research Groups that we wish to stabilise in the forthcoming years. They are covering natural systems evolution, human evolutionary process and social adaptation and resilience.

This institute is committed with the social impact of science in different ways. The first one is the impact of the research itself. In that sense 2016 has been an important year since we have reach a total of 113 papers with impact factor, among which 27 are highly cited papers. Along with a mark of 52.7% of led papers these are good scores for an institute of our dimension. Never-

theless they still need an increase in the number of papers within the 1<sup>st</sup> quartile. After accomplishing with good absolute figures is time for our institute to gain the relative score in excellence and increase our current 31.8% of 1<sup>st</sup> quartile papers.

The visibility of the research of an institute can be also measured by its presence in the main international congresses. We were sure that our collaboration in the organisation of the XVII UISPP Congress in Burgos had to benefit our capacity for research leadership. The direct result can be observed in the 2016 publishing results both through led papers and edited journal volumes. Our commitment with international congress and workshops has also been clear during 2016 through the organisation of International Meetings such as MEDINES that served as presentation card for the ERC project that has just started late in 2016.

Excellence has to be achieved through the international networking in the basic research. IPHES is part of international cooperative

teams that can be traced by our presence in several research projects worldwide. We are present by cooperative networks in North and Eastern Africa, Caucasus, Middle East, Asia-Pacific, Central and South America and, of course, in Europe.

One of these networking teams is the core for our Academic policy: the Erasmus Mundus on Quaternary and Prehistory both at the Master and Doctoral levels. Since 2004 this is our flagship in new cohort formation that during 2016 led to the defence of up to 10 PhD Thesis. The main net has been enlarged during 2016 by the implementation of a bi-

lateral program with the Muséum National d'Histoire Naturelle of Paris to host PhD under cotutelle agreements.

The research and academic policies are both attractive enough to make it possible to IPHES to be the host institution for doctoral and post-doctoral grant holders in national and international programs. We are especially proud of the capacity of our PhD students to be granted in international programs and hosted and trained abroad, and to be leader of detached research papers during their PhD training.

To the entire organisation, I wish you all my best

Robert Sala







# Management





## About us: General data for 2016

### General Information

The *Institut Català de Paleoecologia Humana i Evolució Social* (IPHES) is a research center created in 2005 with the aim to carry out excellent research in the field of Paleoecology and Human Evolution. We study the biological and cultural context of Human Evolution from the Prehistory with an evolutionary perspective, by crossing different disciplines applied to the archaeopaleontological remains.

By the year 2016 we have maintained the number of JCR publications reaching 111 articles in journals of the highest standard in our field. We also have continued to widen the spectrum of multidisciplinary publications such as Nature, PNAS or Scientific Reports, among others.

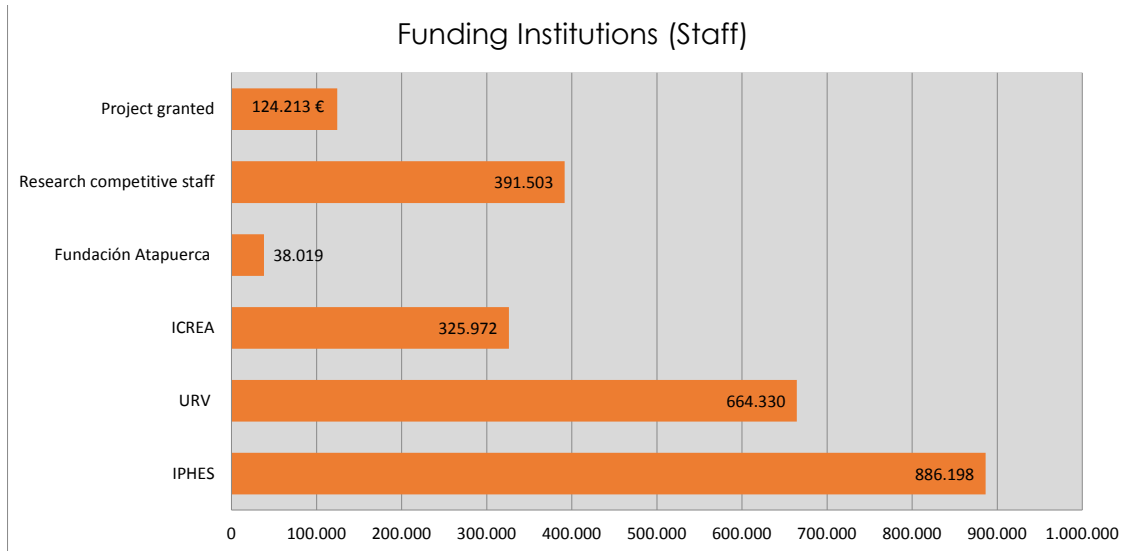
IPHES has been involved in all three stages of university studies (bachelor's, master's and doctorate) in collaboration with the Universitat Rovira i Virgili. During the year 2016 we have offered the following degree courses:

- Bachelor's Degree in History (URV)
- Bachelor's Degree in Anthropology and Human Evolution (URV/UOC)
- Master's Degree in Quaternary Archaeology and Human Evolution (Erasmus Mundus)
- Doctoral Programme in Quaternary and Prehistory (Erasmus Mundus)

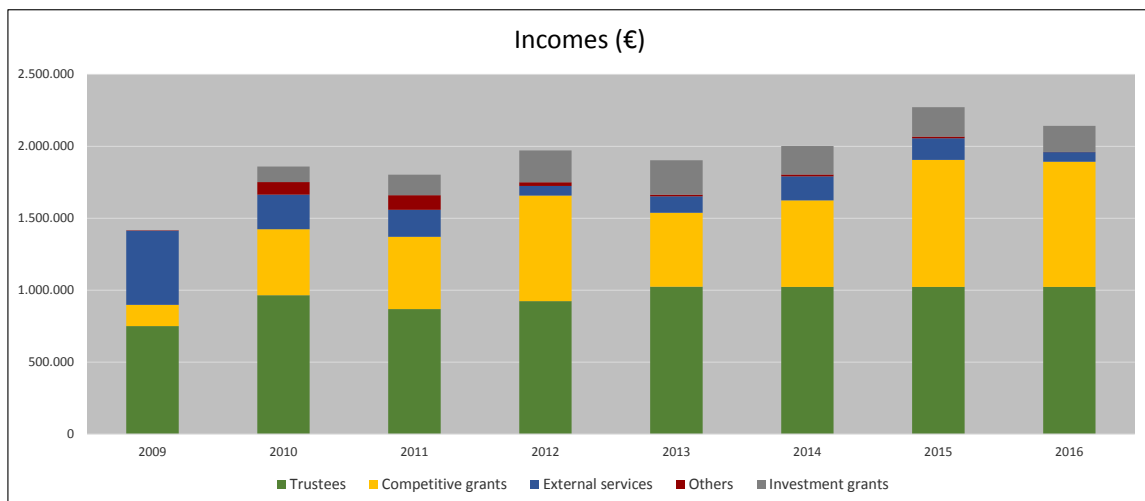
We also have organized and participated in a wide number of outreach activities throughout the year, with special emphasis on school-aged children to promote interest in the pursuit of science as a career, as well as to help citizens understand the importance of research and make informed decisions about scientific issues.

2016 has been again a difficult year economically speaking, and we had to work hard in order to balance our incomes and expenses. We have to thank to our trustees, the Catalan Government through the Economy and Knowledge Department (DECO), Rovira i Virgili University (URV) and the City of Tarragona for their continued support and to other funding institutions like the EUROPEAN COMMISSION, ICREA, AGAUR, MINECO and Fundación Atapuerca.





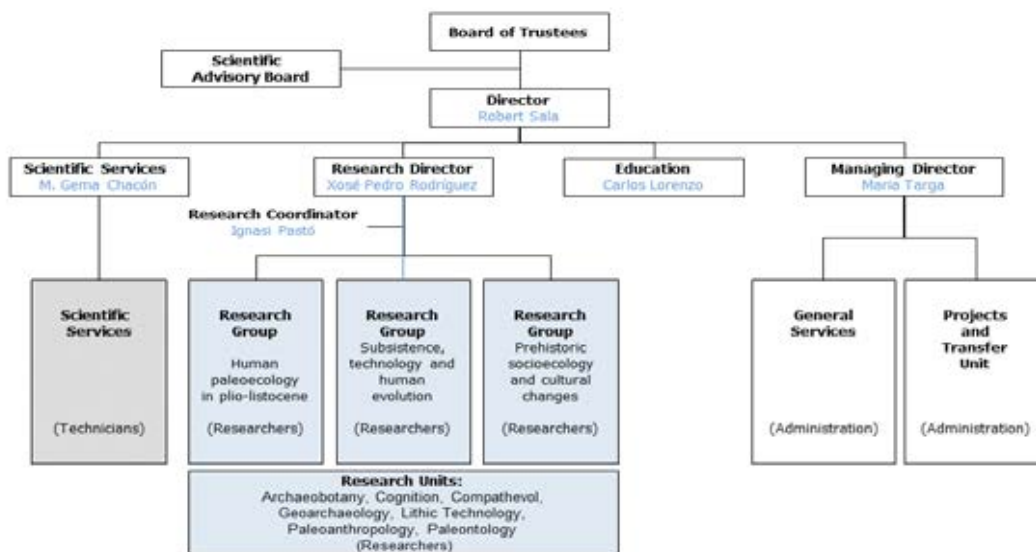
IPHES funding institution bar chart



IPHES incomes historicum bar chart



IPHES Organization Chart



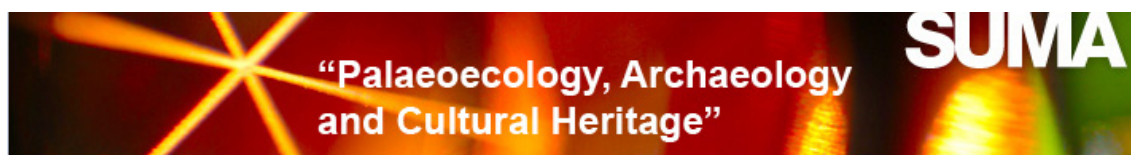
IPHES organization chart

The Institute has 3.150 m2 devoted to outstanding facilities. Our labs are equipped in order to develop a wide range of archaeological research and we also have collections service supported by technical staff. With these facilities we expect to improve the quality of our research and increase our scientific production as well as the socialization of knowledge and scientific and technical services.



**Unió Europea**  
**Fons europeu de desenvolupament regional**  
 Una manera de fer Europa

IPHES is a member of CERCA system (Centres de Recerca de Catalunya). By the coming year, we are willing to increase our budget mainly from competitive public funds from the H2020 Program and FEDER Program (RIS3CAT 2014-2020) and the provincial governments of Tarragona and Barcelona. We will also be highly involved in the integration of our Institute with two other research centers in Humanities, ICRPC (Catalan Institute in Cultural Heritage Research) and ICAC (Catalan Institute in Classical Archaeology).



**Diputació Tarragona**



2016

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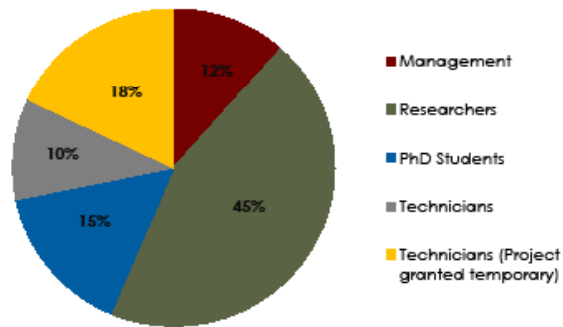
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IPHES management staff

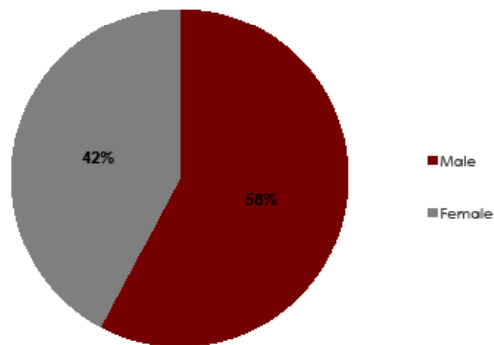




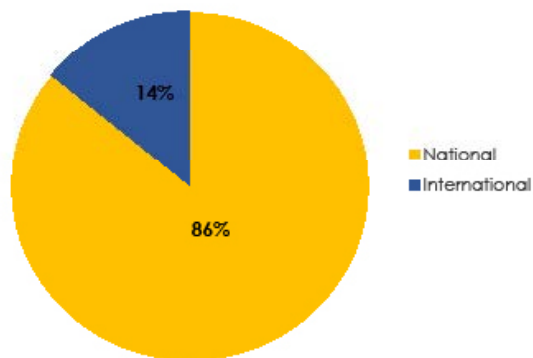
### Staff Distribution by Areas



### Staff Distribution by Gender



### Staff Distribution by Geography



## Scientific Advisory Board



Scientific Advisory Board-IPHES

**Dr. José María Bermúdez de Castro (PRESIDENT)**

Centro Nacional de Investigación sobre la Evolución Humana, CENIEH

**Dr. David Lordkipanidze**

Director of Georgian State Museum

**Prof. Carlo Peretto**

Università degli Studi di Ferrara  
President of the Faculty of Sciences  
Dip. Scienze Geologiche e Paleontologiche

**Prof. Henry de Lumley**

Director of the Institut de Paléontologie Humaine

**Prof. Antonio Rosas**

Research professor in the Department of Paleobiology, Museo Nacional de Ciencias Naturales, CSIC







# Research







## Research Groups

### Subsistence, Technology and Human Evolution

**Principal investigator:** Dr. Eudald Carbonell.

**Researchers:** Dr. Lena Asryan, Dr. Isabel Cáceres, Dr. Rosa Huguet, Dr. Carlos Lorenzo, Dr. Miquel Llorente, Dr. Marina Mosquera, Dr. Andreu Ollé, Dr. Xosé Pedro Rodríguez, Dr. Antonio Rodríguez, Dr. Souhila Roubach, Dr. Palmira Saladié & Dr. Josep Maria Vergès.

**Phd students:** Behrouz Bagzir, Juan Luis Fernández, Esther López, Antonella Pederghana, Antoni Pineda, Laxmi Tumung & Boris Santander.

**Technical staff:** Dr. M. Dolores García & Dr. Lucía López-Polin.

**Colaborators:** Dr. Amèlia Bargalló, Dr. Maria Benàssar, Dr. Joan García, Dr. Paula García, Núria Geribàs, Miquel Guardiola, Arturo de Lombera, Dr. Patricia Martín, Dr. Kenneth Martínez & Dr. David Riba.

**Funder:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

**Period:** 01/01/14 - 30/04/17

**Reference:** 2014 SGR 899

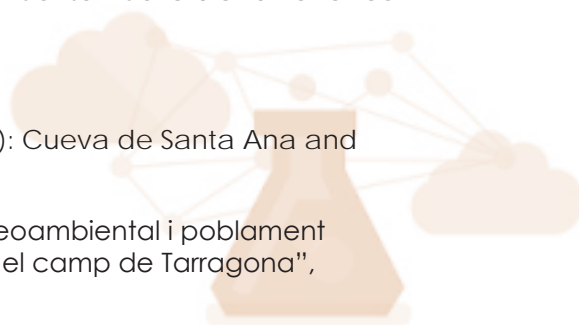
The research of this group, Subsistence, Technology and Human Evolution, aims to study Human Evolution on its biological, social and technological developments in the Early and Middle Pleistocene (although younger contexts have been also studied). The main areas of research are paleoanthropology, lithic technology, zooarchaeology and taphonomy, early human cognition and preparation and conservation of archaeopalaeontological materials. Its approach is based on a strong investment in fieldwork and in the systematic analysis of the recovered materials, to gather reliable empirical data that and on original experimentation as a part of testable procedures.

The group "Social, cultural and biological evolution during the Lower and Middle Pleistocene" headed by Dr. Eudald Carbonell Roura is integrated by 12 researchers, 7 predoctoral students and 2 technicians (both PhD) and 10 collaborators (7 of them PhD). In 2016 four PhD have been defended (M.D. García-Antón, L. López-Polin, S. Roubach and D. Riba).

The research topics of this group share the same general empirical framework based on the different fieldwork projects led or specifically participated by their members, both in Spain and abroad.

In Spain

- The archaeo-paleontological complex of the Sierra de Atapuerca (Burgos), noticeably: Sima del Elefante, Gran Dolina, Galería, Sima de los Huesos, El Mirador.
- The sites of the Guadix-Baza Basin (Granada): Fuente Nueva 3 and Barranco León.
- The site of Quibas (Murcia).
- The sites of the Calerizo de Cáceres (Cáceres): Cueva de Santa Ana and Cueva de Maltravieso.
- The sites included in the project "Evolució paleoambiental i poblament prehistòric al Projecte Francolí, Gaià, Siurana i rieres del camp de Tarragona",



## 2016

(Tarragona): Barranc de la Boella, la Cansaladeta, Cova dels Xaragalls, les Borres, la Cativera, Cova del Cudó, el Cavet, and surveys at la Vall and Mas d'en Llort.

- The site of Abric Romaní (Barcelona).
- The sites of Abrigo de Navalmaillo and Cueva Descubierta at Pinilla del Valle (Madrid).
- The site of El Sidrón (Oviedo).
- The site of Cova Foradà (Valencia).
- The site of Cova de Dalt del Tossal de la Font (Castelló de la Plana).
- The site Cova Eirós (Lugo).
- The site of la Griera (Barcelona).

### International

- The sites included in the projects about the first dispersals and the evolution of human settlement at the Maghreb during the Pliocene and Pleistocene (Algeria, Morocco) developed in cooperation with IPHES.
- The Plio Pleistocene sites of East Africa (Ethiopia and Eritrea) included in the projects led by IPHES and CENIEH: Gona, Danakil.
- The site of Azokh (Nagorno-Karabakh).
- The British sites included in the projects led by the National History Museum and the British Museum (Happisburgh, Pakefield, Boxgrove and Gough's Cave).
- The Sicilian prehistoric sites included in the research project co-led by IPHES with the Università degli Studi di Palermo.
- The Lower and Middle Pleistocene sites from France included in the project led by Museum National d'Histoire Naturelle de Paris (Pont de Lavaud, Lunery, La Noira, Payre, Orgnac).
- The Palaeolithic sites of the Khorramabad Valley (Iran) included in the project led by IPHES, in collaboration with RICHT.
- The Lower Pleistocene sites of Zoukoudian and those of the Nihewan Valley (China), in cooperation with the Institute of Vertebrate Paleontology and Paleoanthropology of Beijing.





## Prehistoric Socioecology and Cultural Changes

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**Funder:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

**Period:** 01/01/14 - 30/04/17

**Reference:** 2014 SGR 900

The scientific activity of the group is focused on the study of ecology, population dynamics and cultural changes that characterize human societies throughout prehistory, from the earliest evidence of Neanderthal behaviour to the emergence of the first agricultural societies and livestock practices (Neolithic). This research is conducted from a multidisciplinary approach, integrating data from different disciplines: palaeoanthropology, lithic technology, zooarchaeology, taphonomy, palaeontology, archaeobotany, spatial analysis, symbolic expression and computational models.

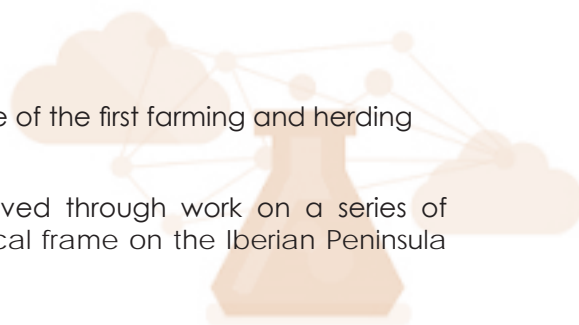
The GAPS research group comprises a total of 14 doctors, seven of them IPHES staff, (Manuel Vaquero, Jordi Rosell, Ethel Allué, Marina Lozano, Ignasi Pastó and, Ramón Viñas and M<sup>a</sup> Gema Chacón). The eight remaining members were appointed to IPHES by different national and international competitive programs: two ICREA Professors (Francesc Burjachs and Florent Rivals), two "Ramón y Cajal" fellows (Javier Fernandez and Sergi Lozano), two postdoctoral Beatriu de Pinos – Marie Curie fellows (Ruth Blasco and Juan Manuel Lopez), and finally another two Marie Slodowska-Curie IEF 2014 postdoctoral researchers (Samantha Jones and Francesca Romagnoli).

Additionally, the team includes three six pre-doctoral students (Anna Rufà Bonache; Juan Ignacio Morales Hidalgo; Edgard Camarós Pérez; Aitor Burguet; Leopoldo Pérez; Carlos Sánchez) from different grants schemes (primarily MEC - FPU, FI AGAUR).

Therefore, this team is devoted to the study of the cultural changes and population dynamics of the Neanderthal and modern human groups using a Socioecological approach. During this period, the end of the Middle Pleistocene to the Early Holocene, three highly significant prehistoric processes took place:

1. The origins of Neanderthal behaviour.
2. The Middle-to-Upper Palaeolithic transition.
3. The end of the Paleolithic and the emergence of the first farming and herding societies.

All the scientific objectives of this team are achieved through work on a series of archaeological sites spanning the entire chronological frame on the Iberian Peninsula



## 2016

and abroad. The members of the GAPS are directly involved in the excavation of these sites, either as principal researchers or as participants in the fieldwork and/or study of materials. The sites we work at and use as primary data sources are:

- Middle Palaeolithic: Abric Romani, Cova de les Teixoneres, Cova del Toll, Vanguard Cave, Gorham's Cave, Cau del Roure, Cova Foradà, Cova de les Llenes, Beef Steak Cave, Cova del Bolomor.
- Upper Palaeolithic: Molí del Salt, Costa de Can Manel, Abric de la Consagració, Cova de Valdavara, La Cativera, Cova d'en Pau, Cova de la Guineu, Balma de la Vall, Cova de les Borres, Cova Foradada, Balma de la Griera.
- Mesolithic: Abric Agut, Casa Corona.
- Neolithic: Cueva de El Mirador, Cova de la Font Major, El Cavet, Cova Colomera. Rock Art: Fuente del Trucho; Cova Eirós; Cova Remigia; Cova del Civil; Cova Centelles and Abric de les Canyes; Cova dels Rosegadors; Abric del Mas dels Ous; Rock Art sites of Ermites d'Ulldecona; Muntanyes de Prades and Les Garrigues.
- Palaeoenvironment of Last Glacial-Holocene Transition: Drills at the endorheic pool at Ulldecona (Montsià, Tarragona), and in the Cova dels Xaragalls.

Moreover, the members of the group also participate in international excavations by both conducting fieldwork and studying materials. These projects are a cornerstone of the international profile of this research group:

1. Europe: Research projects in the Grotta Rio Secco (Italy), collaboration studies in the prehistoric Balkans (Serbia and Montenegro), the Caucasus (Georgia, Armenia and Nagorno-Karabakh) and Sicily (Vallone Inferno).
2. Africa: research projects in Morocco, Algeria and Tunisia.
3. Middle East: research projects in Qesem Cave (Israel), collaboration with research projects in Iran (Khorramabad Valley).
4. Far East. Study fossils plant sites in China.
5. America. surveys at Cueva Pintada, Rio Sarakachi, El Arenoso and La Calera (Mexico), Holocene archaeological sites in the basin of Lake Cardiel in southern Patagonia (Argentina) and tooth wear analyses of human remains recovered at the site of Cuchipuy (Chile).



Abric Romani (IPHES)



## Human Palaeoecology in the Plio-Pleistocene

**Principal investigator:** Dr. Jordi Agustí.

**Researchers:** Dr. Deborah Barsky, Dr. Hugues Alexandre Blain, Dr. Antoni Canals, Dr. Policarp Hortolà, Dr. Bienvenido Martínez, Dr. Oriol Oms, Dr. Josep Maria Prats, Dr. Robert Sala & Dr. Josep Vallverdú.

**PhD students:** Tsegai Medin, Moncef-Said Mtimet, Pedro Piñero & María Luisa Soto.

**Technical staff:** Gerard Campeny, Bruno Gómez & Gala Gómez.

**Colaborations:** Ángel Blanco & Dr. Iván Lozano.

**Funder:** Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

**Period:** 01/01/14 - 30/04/17

**Reference:** 2014 SGR 901

The goals of this group are focused on establishing the palaeoecological context of human dispersals during the Pleistocene in the Mediterranean in terms of palaeoclimatic, palaeobiological and behavioural aspects. All three issues, climate evolution, faunal dispersals and techno-cultural evolution, have acted as significant drivers in the different episodes of human dispersal from the Pliocene to Middle Pleistocene.

### Palaeoclimatic research

- We look at correlations between the climatic changes recorded at the oceanic level, the evolution of vertebrate communities, and human settlements.
- Our chronological span ranges from 2.6 Myr (beginning of the Glacial-Interglacial dynamic in the Northern Hemisphere) to 0.4 Myr (Mid-Bruhnes Event).
- We approach these questions through work at different palaeontological and archaeological sites:
  - Camp dels Ninots (Upper Pliocene, La Selva Basin, Girona, Spain).
  - Quibas (Lower Pleistocene, Murcia, Spain).
  - Guadix-Baza Basin (Lower Pliocene to Middle Pleistocene, 5.3-0.4 Ma).
  - Bois-de-Riquet (Lower Pleistocene, 1.2 Ma, Lezignan, Hérault, France).
  - Aïn Beni Mattar-Guefeit (Lower Pleistocene, Morocco).

### Palaeobiological research

- We study the relationships between faunal and human dispersals related to changes in climate during the Plio-Pleistocene.
- It is very important for us to understand the general directions of the dispersals during the Pleistocene. In other words: Is there a north-south or east-west pattern of dispersal in the faunal distribution changes observed in the fossil record?
- To answer these questions we focus on the analyses and comparison of the faunal record of several key sites of the Lower Pleistocene in the Mediterranean area and abroad:

## 2016

- Dmanisi (1.8 Ma, Georgia).
- Oued Sarrat (Middle Pleistocene, Le Kef, Tunisia).
- Engel Ela-Ramud Basin (Upper Pliocene to Middle Pleistocene, Eritrea).
- Guadix-Baza Basin: Venta Micena, Fuente Nueva 3, Barranco León, Huéscar, Puerto Lobo, Solana de Zamborino (Lower-Middle Pleistocene, Granada, Spain).
- Incarcàl (Lower Pleistocene, Banyoles Basin–Besalú, Girona).
- Barranc de La Boella (Lower-Middle Pleistocene, La Canonja, Spain).

### Behavioural research

The complex chronological and geographical circumstances of the Plio-Pleistocene seem to suggest different transitions in diachronic periods, and raise several questions:

1. Did these cultural transitions result from new arrivals of hominins who transmitted their technological innovations to pre-existing populations?.
2. Were some populations with lesser developed technological skills and a simpler social organization replaced by other populations that were more skilled in terms of technological and social behaviours?.
3. Or did these new traditions develop independently in different areas of the Mediterranean from the potential of the morpho-technical variability of the Oldowan traditions?.

To solve these questions, we consider different archaeological sites ranging from eastern Africa, western Eurasia and the Mediterranean Basin, either managed by IPHES members or studied with the participation of IPHES members in cooperation with the researchers and the centres that lead or manage them:

- Fejej (Lower Pleistocene, 1.96 Ma, South Ethiopia).
- Ain Beni Mathar, Guefeit (Lower Pleistocene, Morocco).
- Dmanisi (1.8 Ma, Georgia).
- Bizat Ruhama (Lower Pleistocene, 1.6-1.2 Ma, Israel).
- Errayeh (Middle Pleistocene, Northwest Algeria).
- N'Gaous (Middle Pleistocene, North Central Algeria).
- Ubeidiya (Lower Pleistocene, 1.6-1.2 Ma, Israel).
- Bois de Riquet (Lower Pleistocene, 1.2 Ma, Lezignan, Hérault, France).
- Caune de l'Aragó (Middle Pleistocene, 0.69-0.09 Ma, Roussillon, France).
- Loira central (Lower Pleistocene – Middle Pleistocene, Loira Basin, France).
- Guadix-Baza Basin (Lower Pliocene – Middle Pleistocene, 5.3-0.4 Ma). Sites of Barranco León, Fuente Nueva 3, Huéscar, Cúllar and Solana de Zamborino.
- Calerizo de Cáceres (Lower Pleistocene, Cáceres, Spain)
- Barranc de La Boella (Lower-Middle Pleistocene), la Canonja, Spain.





Overview of the research activities conducted during 2016-X.P. Rodriguez

## Research Projects Hosted by IPHES

Projectes de recerca quadriennals en matèria d'arqueologia i paleontologia

**Compartint l'espai: interaccions entre homínids i carnívors al nord-est peninsular**

Principal investigator: Jordi Rosell

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/14 - 31/12/17

Reference: 2014/100573

**Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**

Principal investigator: Josep Maria Vergès

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/14 - 31/12/17

Reference: 2014/100574

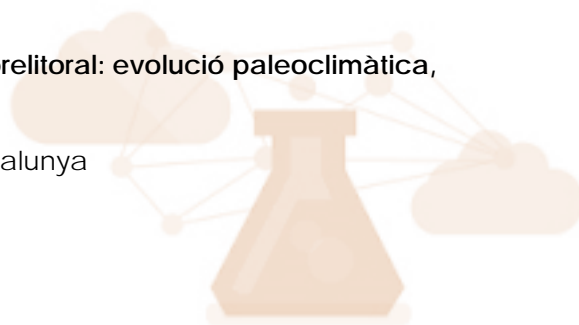
**El Plio-pleistocè del Camp dels Ninots i la depressió prelitoral: evolució paleoclimàtica, dispersions faunístiques i humanes**

Principal investigator: Jordi Agustí

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/14 - 31/12/17

Reference: 2014/100575



# 2016

## **Abric Romani - Cinglera de Capelló**

Principal investigator: Eudald Carbonell

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/14 - 31/12/17

Reference: 2014/100576

## Proyectos I+D

### **Dinámica ambiental y respuestas humanas durante el postglacial en la fachada mediterránea de la Península Ibérica (C. 12700-8000 CAL. BP)**

Principal investigators: Francesc Burjachs & Javier Fernández

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 01/01/14 - 30/06/17

Reference: HAR2013-41197-P

### **Momentos de la vida neandertal: Patrones de comportamiento y arqueología de alta resolución**

Principal investigators: Manuel Vaquero & Florent Rivals

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 01/01/14 - 31/12/16

Reference: HAR2013-48784-C3-1-P

### **Comportamiento ecosocial de los homínidos de la Sierra de Atapuerca durante el Cuaternario IV**

Principal investigator: Eudald Carbonell

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 01/01/15 - 31/12/18

Reference: CGL2015-65387-C3-1-P

### **Momentos de la vida neandertal: Patrones de comportamiento y arqueología de alta resolución (2)**

Principal investigators: Manuel Vaquero & Florent Rivals

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 30/12/16 - 29/12/19

Reference: HAR2016-76760-C3-1-P

### **Crisis climáticas del Pleistoceno inferior y medio y su incidencia en la evolución de las comunidades de microvertebrados del Levante español**

Principal investigators: Jordi Agustí

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 30/12/16 - 29/12/19

Reference: CGL2016-800000-P

### **Estudio de las dispersiones faunísticas y humanas durante el Pleistoceno inferior en la cuenca mediterránea**

Principal investigators: Bienvenido Martínez-Navarro & Robert Sala

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 30/12/16 - 29/12/19

Reference: CGL2016-80975-P



## Proyectos Europa Excelencia

**MULTI-SCALARDEM. Multi-scalar approaches to demographic dynamics between the Late Magdalenian and the Late Mesolithic in the Iberian Peninsula**



Principal investigator: Javier Fernández  
Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España  
Period: 01/11/2015 - 31/10/2016  
Reference: HAR2015-70685-ERC

## Europa Redes y Gestores

### **ICARO (International CooperAtive Research and innovation alliances Office)**

Coordinator: Ignasi Salvadó (URV)  
IPHES associated member team: Ignasi Pastó, Bernat Sentís  
Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España  
Period: 01/01/15 - 31/12/17  
Reference: EUC2014-A-51591

## Marie Skłodowska-Curie actions (MSCA)

### **“PRETM”: Prehistoric Transitions in the Mediterranean: Cultural and economic responses to climate change during the Mesolithic-Bronze Age**

Supervisor: Javier Fernández  
Researcher: Samantha Jones  
Funder: Research Executive Agency (REA), European Commission  
Period: 01/03/14 - 28/02/16  
Reference: FP7-PEOPLE-2013-IEF No. 628589

### **“REAPPAST”: High-Resolution Approach in Middle and Upper Palaeolithic sites for reconstructing Social dynamic and Technical behaviours**

Supervisor: Manuel Vaquero  
Researcher: Francesca Romagnoli  
Funder: Research Executive Agency (REA), European Commission  
Period: 16/07/2015 - 15/07/2017  
Reference: H2020-MSCA-IF-2014 No. 653667

### **“LAGRANGE”: LAtE Glacial RANGe Expansion**

Supervisor: Àlex Arenas  
Researcher: Fabio Silva  
Funder: Research Executive Agency (REA), European Commission  
Period: 01/04/16 - 31/03/18  
Reference: H2020-MSCA-IF-2014 No. 656264

## European Research Council (ERC)

### **“PALEODEM”: Late Glacial and Postglacial Population History and Cultural Transmission in Iberia (c.15,000-8,000 cal BP)**

Principal Investigator: Javier Fernández  
Funder: European Research Council Executive Agency (ERCEA), European Commission  
Period: 01/10/2016 - 30/09/2021  
Reference: ERC-2015-CoG No. 683018



2016



Members of PALEODEM Project-ERC Consolidator Grant-IPHES

## Other

**Presencia humana y contexto paleoecológico en la cuenca continental de Guádix-Baza. Estudio e interpretación a partir de los depósitos plioleístocénicos de Orce. Granada. España**

Principal investigators: Robert Sala & Bienvenido Martínez

Funder: Junta de Andalucía

Period: 05/12/12 – 05/01/16

Reference: B120489SV18BC

**Upper Paleolithic cultural and environmental changes in north-eastern Iberia: archeological excavations at the Consagració rock-shelter**

Principal investigator: Manuel Vaquero

Funder: Wenner-Gren Foundation

Period: 04/07/16 - 30/07/17

**Workshop "The Big Puzzle 30 Years After: A Shared, Multidisciplinary, Palaeolithic Perspective"**

Principal investigator: Francesca Romagnoli

Funder: Wenner-Gren Foundation

Period: 25/10/16 - 11/05/17





## Participation in research projects not hosted by IPHES

### Projectes de recerca quadriennals en matèria d'arqueologia i paleontologia

#### **Els darrers caçadors-recol·lectors al Moianès: La Balma del Gai**

Principal Investigator: Jordi Nadal

Host institution: Universitat de Barcelona

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/2014 - 31/12/2017

Reference: 2014/100470

#### **Evolució del poblament i ús del territori al prepirineu oriental durant la prehistòria recent**

Principal Investigator: Maria Saña

Host institution: Universitat Autònoma de Barcelona

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/2014 - 31/12/2017

Reference: 2014/100638

#### **La Conca Alta i Mitja del Segre durant la Prehistòria**

Principal Investigator: Xavier Mangado

Host institution: Universitat de Barcelona

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/2014 - 31/12/2017

Reference: 2014/100479

#### **Les coves prehistòriques de Serinyà**

Principal Investigator: Narcís Soler

Host institution: Universitat de Girona

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/2014 - 31/12/2017

Reference: 2014/100779

#### **Substitucions humanes i transformacions econòmiques entre el Pleistocè superior final i l'Holocè al Penedès**

Principal Investigator: Josep Maria Fullola-Pericot

Host institution: Universitat de Barcelona

Funder: Departament de Cultura. Generalitat de Catalunya

Period: 01/01/2014 - 31/12/2017

Reference: 2014/100482

## Proyectos I+D

#### **Geología, geocronología y paleobiología de los yacimientos de la Sierra de Atapuerca VI**

Principal Investigator: José Luis Arsuaga

Host institution: Universidad Complutense de Madrid. Centro Mixto UCM-ISCIII de Evolución y Comportamiento Humanos

Funder: Ministerio de Economía y Competitividad (MINECO), Gobierno de España

Period: 1/1/2016 – 31/12/2018

Reference: CGL2015-65387-C3-2-P

#### **Neandertales en la Montaña Alicante. Un enfoque multianalítico**



## 2016

Principal Investigators: B. Galván Santos, Carolina Mallol  
Host institution: University of La Laguna  
Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España  
Period: 01/01/2016 – 31/12/2018  
Reference: HAR2015-68321-P

### **Producción animal y cerámica en el Neolítico Peninsular, Estudio Biogeoquímico integrado el consumo y las prácticas culinarias**

Principal Investigator: Maria Saña  
Host institution: Univesitat Autònoma de Barcelona  
Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España  
Period: 01/01/2015 – 31/12/2017  
Reference: HAR2014-60081-R

## Fomento de la cultura y vocaciones científicas

### **Extended Learning Time: Contribuyendo a generar vocaciones científicas en contextos de exclusión social**

Principal Investigator: Carme García  
Host institution: Universitat Rovira i Virgili. Grup MEDIS  
Funder: Fundación Española para la Ciencia y la Tecnología (FECYT)  
Period: 2016  
Reference: FCT-15-9619

### **Formación científica del profesorado. Impacto social en los estudiantes**

Principal Investigator: Elena Duque  
Host institution: Universitat de Girona. BITACOLA- INSTITUT DE RECERCA EDUCATIVA  
Funder: Fundación Española para la Ciencia y la Tecnología (FECYT)  
Period: 2016  
Reference: FCT-15-10533

### **La memoria del camino: ciencia y divulgación de las primeras rutas pecuarias neolíticas en el Pirineo (MEDELCA)**

Principal Investigator: Manuel Rojo  
Host institution: Universidad de Valladolid  
Funder: Fundación Española para la Ciencia y la Tecnología (FECYT)  
Period: 2016-2017  
Reference: FCT-15-9947

## Other national

### **Proyecto de intervención arqueológica puntual para el conocimiento de las primeras ocupaciones humanas en Europa a través del yacimiento de Barranco León, dentro de la zona arqueológica de la Cuenca de Orce (Orce, Granada)**

Principal Investigator: José Manuel Jiménez-Arenas  
Host institution: Universidad de Granada  
Funder: Junta de Andalucía  
Period: 2016

## International

### **Neanderthal Fire Technology. Experiments, Archaeology and Ethnoarchaeology for the interpretation of Middle Palaeolithic combustion structures**

Principal Investigator: Carolina Mallol



Host institution: University of La Laguna  
Funder: Leakey Foundation  
Period: 2015-2016

**Coquillage et analyse taphonomique. Expérimentation visant à tester l'efficacité des coquilles de mollusques pour la boucherie (Pilot project).**

Principal Investigator: E. Campmas  
Host institution: Université de Toulouse, TRACES UMR 5608  
Funder: Université de Toulouse  
Period: 2016

**Cuna de la Humanidad: Eritrea-Valle del Rift**

Principal Investigators: E. Carbonell , B. Martínez- Navarro  
Host institution: IPHES  
Funder: Fundació Palarq  
Period: 01/06/2016 – 31/07/2017

**Eritrea-Italian Buia Project**

Principal Investigator: Alfredo Coppa  
Host institution: University of La Sapeinza (Rome) and National Museum of Eritrea  
Funder: Italian Ministry for Foreign Affairs and International Cooperation and government of Eritrea  
Period: 2016

**Mission ARChéologique aux pHIlippinEs (MARCHE) : Origine, nature et diversité des premiers peuplements des Philippines**

Principal Investigator: T. Ingicco  
Host institution: *Muséum National d'Histoire Naturelle* (MNHN) Paris, France - National Museum & University of Philippines, Manila (Philippines)  
Funder: Ministère des Affaires étrangères et du Développement international (MAEDI)  
Period: 2016-2017

**Projet Collectif de Recherches «Le monde moustérien méditerranéen entre Rhône et Pyrénées»**

Principal Investigator: T. Saos  
Host institution: Université de Perpignan Via Domitia, EPCC-Centre Européen de Recherches Préhistoriques de Tautavel, UMR 7194 du CNRS  
Funder: Région Languedoc-Rousillon  
Period: 2016-2017

**Cranial Anatomy, Anthropology, and Vascular System**

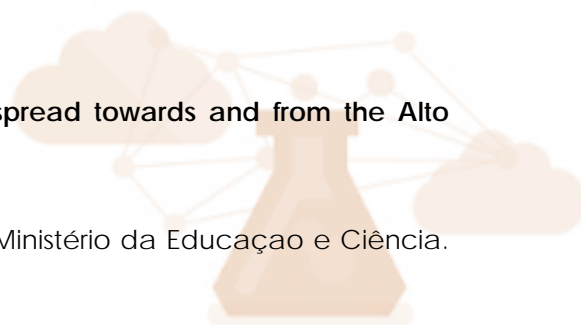
Principal Investigators: E. Bruner, P. Veleminsky  
Host institution: CENIEH  
Funder: Wenner Gren Foundation  
Period: 1/1/2015 – 31/12/2016

**International Cooperative Research and Innovation Alliances Office (ICARUS)**

Principal Investigator: I. Salvadó  
Host institution: Universitat Rovira i Virgili  
Funder: MINECO, Acciones de Dinamización de Carácter Internacional Europa Redes y Gestores 2014 (EUC2014-A-51591)  
Period: 01/01/2015 - 31/12/2017

**Moving tasks across shapes: the agro-pastoralists spread towards and from the Alto Ribatejo (MTAS). PTDC/EPH-ARQ/4356/2014.**

Principal Investigator: L. Oosterbeek.  
Host institution: Instituto Terra e Memória (ITM).  
Funder: Fundação para a Ciência e a Tecnologia. Ministério da Educação e Ciência.



## 2016

Portugal.

Period: 01/11/2015- 30/10/2018

### **Préférence Manuelle chez les Homininés à partir des traces d'utilisation sur leurs outils en pierre (PreMHo). Projets LabEx BCDiv.**

Principal Investigator: A. Borel UMR 7194, E. Pouydebat - UMR 7179

Host institution: Muséum National d'Histoire Naturelle (MNHN) Paris, France.

Funder: ANR (Agence National de la Recherche)

Period:2015-2017

### **Radiocarbon and genetic researches at Riparo Mezzena**

Principal Investigator: S. Talamo

Host institution: Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology

Funder: Max Planck Society

Period: 2015-2016

### **Project Collectif de Recherches: Entre plaines et montagnes: espaces de subsistance et expressions culturelles au Paléolithique moyen dans le Massif central (Auvergne-Ardèche)**

Principal Investigator: J.P. Raynal, M.-H. Moncel

Host institution: MNHN Paris, Université de Bordeaux

Funder: Régions Auvergne et Rhône-Alpes

Period: 2014- 2016

### **Fragmented Heritage. From the Kilometre to the Nanometre: Automated 3D Technology to Revolutionize Landscape, Site, and Artefact Analyses**

Principal Investigator: R. Donahue

Host institution: University of Bradford (UK)

Funder: Arts and Humanities Research Council (UK)

Period: 2014-2017

### **PROCOME Project- Prolongements continentaux de la néolithisation méditerranéenne**

Principal Investigator: C. Manen

Host institution: TRACES

Funder: Agence Nationale de la recherche

Period: 01/01/2014 - 31/12/2017

### **Causes et terrasses du volcanisme des Baumes. Projet de prospections archéologique thématique (France).**

Principal Investigators: J.Ivorra, L. Bourguignon

Host institution: Arrêté préfectoral 16/118-11/10700 (SPN Pézenas, ASPROGEO and INRAP)

Funder: Service regional de l'archéologie (France)

Period: 2013 - 2016

### **Human Behavior and Environmental Coupling of Late Pleistocene in North China NSFC. No.41272033.**

Principal Investigator: H. Yamei

Host institution: IVPP

Funder: National Science Foundation China

Period: 2013 -2016

### **PCR (Projet Collectif de Recherche). Le monde moustérien en Languedoc-Roussillon.**

Principal Investigator: T. Saos

Host institution: EPCC-CERPT (Tautavel, France)

Funder: SRA Languedoc Roussillon (France)

Period: 2013- 2016

**The origin and evolution of stone technology: Oldowan-(Mode I) variability and the**



**emergence of the Acheulian (Mode II): Investigations at Ain Hanech (Algeria) and Gona (Ethiopia).**

Principal Investigator: M. Sahnouni, S. Semaw

Host institution: Cenieh

Funder: Mineco HAR2013-41351-P

Period: 2013-2016

**Projet de Groupement De Recherche Européen (GDRE)**

Principal Investigators: K. Dobney, J-D. Vigne

Host institution: Universitat Autònoma de Barcelona, CNRS París, Durham University, Institute of Prehistory and Archaeological Science (IPNA), University of Munich, Institut Royal des Sciences Naturelles de Belgique

Period: 2008-2016

**Projet Collectif de Recherches « Des Traces et des Hommes » projet interdisciplinaire sur l'identification des modalités d'acquisition et de traitement des matières végétales et animales au Paléolithique moyen en Europe occidentale » PCR (Programme 3).**

Principal Investigator: C. Thiébaud - UMR 6636

Host institution: TRACES UMR5608 Travaux et Recherches Archéologiques sur les Cultures, les Espaces et les Sociétés

Funder: SRAM - Service Régional de l'Archéologie de Midi-Pyrénées

Period: 2007-2017

## Collaborations in research projects not hosted by IPHES

**Early Fishermen of the Galilee: final hunter-gatherers and paleoenvironment at the Epipaleolithic site of JRD**

Principal Investigator: G. Sharon

Host institution: Tell-Hai College (Israel)

Funder: National Geographic

Period: 2016-2017

**Estudio preliminar del yacimiento de Sela (Jordania)**

Principal Investigator: R. da Riva

Host institution: Universitat de Barcelona

Funder: ICREA- Fundación Palarq

Period: 2016-2017

**Hidden Foods**

Principal Investigator: E. Crisitiani

Host institution: Cambridge University (UK)

Funder: ERC Starting Grant

Period: 2016-2019

## Research Fellowships

### Ramon y Cajal (RYC)

**Paisajes humanizados, modelización paleoecológica y social**

Beneficiary: Javier Fernández

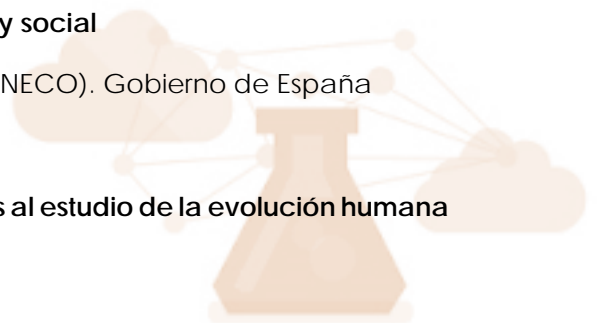
Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 01/01/12 - 31/12/16

Reference: RYC2011-09363

**Modelización y otros métodos cuantitativos de análisis al estudio de la evolución humana**

Beneficiary: Sergio Lozano



2016

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España  
Period: 01/01/14 - 31/12/18  
Reference: RYC-2012-10379

## Juan de la Cierva Incorporación

**Application of biogeochemical analyses to faunal remains recovered from archaeological sites**

Beneficiary: Carlos Tornero

Supervisor: Florent Rivals

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 01/01/16 - 31/12/17

Reference: IJCI-2014-19909

## Formación de Personal Investigador (FPI)

**Conexiones intra-site e inter-site. Los remontajes líticos para la identificación de zonas de actividad, patrones de movilidad interna e inter-relaciones entre yacimientos del Pleistoceno medio: el nivel TD10-1 de Gran Dolina y el nivel GIII de Galería (Sierra de Atapuerca, Burgos) y la Cansaladeta (La Riba, Tarragona)**

Beneficiary: Esther López

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 16/01/14 - 15/01/18

Reference: BES-2013-065048

**Paleoecología neandertal en el Paleolítico medio en el norte de España: Análisis combinado de micro-desgaste dental y cementocronología**

Beneficiary: Carlos Sánchez

Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España

Period: 1/04/2015 – 01/04/18

Reference: BES-2014-067747

## Formación de Profesorado Universitario (FPU)

**El consumo de pequeñas presas durante el Paleolítico Medio: estrategias de subsistencia de los Homínidos. El caso de la cueva de les Teixoneres (Moià, Barcelona)**

Beneficiary: Anna Rufà

Funder: Ministerio de Educación, Cultura y Deporte (MECD), Gobierno de España

Period: 08/04/13 - 07/04/17

Reference: FPU12/00238

**Evolución de las paleocomunidades de micromamíferos en el Neógeno superior y Cuaternario del Levante español**

Beneficiary: Pedro Piñero

Funder: Ministerio de Educación, Cultura y Deporte (MECD), Gobierno de España

Period: 08/04/13 - 07/04/17

Reference: FPU12/02668

**Predadores y presas: explotación de los recursos faunísticos por los grupos neandertales de los Valles de Alcoy (MIS 3). El caso del yacimiento arqueológico de El Salt (Alcoy, Alicante).**

Beneficiary: Leopoldo Jesús Pérez

Funder: Ministerio de Educación, Cultura y Deporte (MECD), Gobierno de España

Period: 01/10/14 - 30/09/18

Reference: FPU13/01885



## Formació de personal Investigador novell (FI-DGR)

### **Comportament neandertal a través de la interacció entre homínids i carnívors**

Beneficiary: Edgard Camarós

Funder: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Period: 01/02/13 - 31/01/16

Reference: 2013FI\_B 00148

### **Microwear and residue analyses of quartzite stone tools from the Pleistocene sites of Gran Dolina-TD10 (Sierra de Atapuerca, Burgos, Spain) and Payre (Ardèche, Rhône Valley, France)**

Beneficiary: Antonella Pedergrana

Funder: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Period: 01/02/14 - 31/01/17

Reference: 2014FI\_B 00539

### **Processos de formació de conjunts arqueofaunístics durant el Plistocè Inferior: el Barranc de la Boella (La Canonja, Tarragona), la Sierra de Atapuerca (Burgos) i la Cuenca Guadix-Baza (Orce, Granada)**

Beneficiary: Antonio Pineda

Funder: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Period: 01/03/15 - 28/02/18

Reference: 2015 FI\_B 01104

### **Reconstrucció paleoambiental i paleoclimàtica del trànsit paleolític superior final - Edat del Bronze al nord de la Península Ibèrica: els amfibis i rèptils de la cova de El Mirador (Sierra de Atapuerca, Burgos)**

Beneficiary: Javier Francisco Bisbal-Chinesta

Funder: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR)

Period: 01/03/16 - 28/02/18

Reference: 2016FI\_B 00286

## Ayudas predoctorales

### **Lithic Assemblages of Prehistoric sites in Khorramabad valley, western Iran. Implications for Understanding the Technological Variability**

Beneficiary: Behrouz Bahzir

Funder: Fundación Atapuerca

Period: 01/05/13 - 30/04/16

### **Estudio taxonómico y tafonómico de los restos óseos de animales del Pleistoceno Superior de Valsequillo, Puebla, México**

Beneficiary: Óscar Ricardo Solís

Funder: Fundación Atapuerca

Period: 01/01/14 - 31/12/17

### **Las actividades de combustión durante la Prehistoria. Una aproximación desde el análisis de los fitolitos y los minerales**

Beneficiary: Aitor Burguet

Funder: Fundación Atapuerca

Period: 01/02/15 - 31/12/17





# 2016 Publications



IPHES Publications topic wordcloud-X.P. Rodríguez

Some IPHES publications



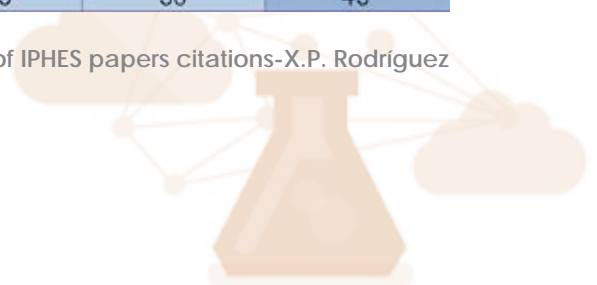


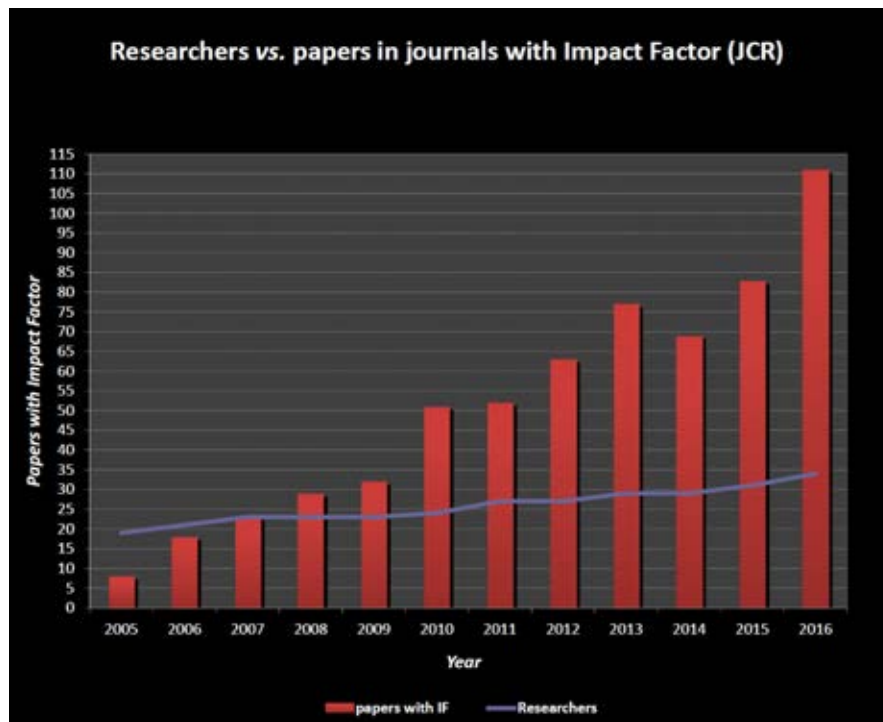
Journal	Papers	%
Quaternary International	49	44,1%
Comptes Rendus Palevol	13	11,7%
Quaternary Science Reviews	6	5,4%
Journal of Human Evolution	5	4,5%
Palaeogeography, Palaeoclimatology, Palaeoecology	4	3,6%
American Journal of Physical Anthropology	3	2,7%
Journal of Anthropological Archaeology	3	2,7%
Scientific Reports	3	2,7%
Historical Biology	2	1,8%
Journal of Anthropological Sciences	2	1,8%
Micron	2	1,8%
PLoS ONE	2	1,8%
Archaeological and Anthropological Sciences	2	1,8%
International Journal of Osteoarchaeology	2	1,8%
HOMO	1	0,9%
Anatomical Record	1	0,9%
Chungará	1	0,9%
Cretaceous Research	1	0,9%
Holocene	1	0,9%
Journal of Archaeological Science	1	0,9%
Nature	1	0,9%
Palaeobiodiversity and Palaeoenvironments	1	0,9%
Quaternarie	1	0,9%
Radiocarbon	1	0,9%
Review of Palaeobotany and Palynology	1	0,9%
Rivista Italiana di Paleontologia e Stratigrafia	1	0,9%
Sedimentary Geology	1	0,9%
<i>Total general</i>	<i>111</i>	<i>100%</i>

IPHES publications journals in 2016-X.P. Rodríguez

	2005-2013	2005-2014	2005-2015	2005-2016
Papers	381	462	527	666
Sum of the Times Cited	3600	4943	6097	9016
Average Citations per Item	9,45	10,70	11,57	13,54
h-index	31	35	38	45

Historicum of IPHES papers citations-X.P. Rodríguez





IPHES researchers and Papers with IF –X.P.Rodríguez

## Peer reviewed articles, in journals with Impact factor (JCR)

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**Martínez-Navarro, B.** 2016. Appendice XXV: The Acheulian site of Terra Amata in the European Middle Pleistocene Faunal Complex. In H. de Lumley (Ed.): Terra Amata, Nice, Alpes-Maritimes, France, TOME V: Comportement et mode de vie des chasseurs acheuléens de Terra Amata. CNRS ÉDITIONS, Paris: 480-481.

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**Morales, J. I., Tejero, J. M., Cebrià, A., Rodríguez Hidalgo, A., Soto, M., Vallverdú, J., Saladié, P., Allué, E., García-Agudo, G., Fernández-Marchena, J. L., López-García, J. M., Fullola, J. M.** 2016. A southern snapshot of the Middle-to-Upper Paleolithic transition: Foradada Cave (Calafell, Tarragona, Spain). In Lui, M. (Ed.): Proceedings of the European Society for the study of Human Evolution 5: 170.

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## 2016

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**Sala, R., Barsky, D., Menéndez-Granda, L., Vergès, J.M., Tilton, S., Tarrío, A., Cánovas, I., Sánchez, L.** 2016. Capítulo 9. ¿Qué herramientas utilizaba el hombre de Orce? Las industrias líticas arcaicas de los yacimientos de Barranco León y Fuente Nueva 3 en el contexto de la primera ocupación de Europa. In: Martínez-Navarro, B., Sala, R. (Eds.), *Orce: homininos, hienas, mamuts y otras bestias*. Junta de Andalucía, Consejería de Cultura: 217-244.

**Vaquero, M., Viñas, R., Bader, K., Bader, M.** 2016. El jaciment de superfície del Barranc de Santa Eulàlia (El Perelló, Baix Ebre): un nou conjunt del Paleolític superior al sud de Catalunya. In: *Jornades d'Arqueologia de les Terres de l'Ebre*. Departament de Cultura de la Generalitat de Catalunya, Tortosa: pp. 58-64.

Viñas, R., Rubio, A., Ruiz, J.F., **Vaquero, M., Vallverdú, J.** 2016. Primeres datacions indirectes de pintures rupestres de Catalunya: els abrics I i V del conjunt rupestre d'Ermites (Ulldecona, Montsià). In: *Actes de les Jornades d'Arqueologia de les Terres de l'Ebre*. Departament de Cultura de la Generalitat de Catalunya, Tortosa: 46-56.

## Books

**Carbonell, E., Bellmunt, C.** 2016. *Recetas Paleo. La dieta de nuestros orígenes para una vida saludable*. Libros Cúpula.

**Carbonell, E., Vallés, P.** (Ilustraciones). 2016. *La aventura de la vida. La historia de la evolución humana*. La Galera.

**Martínez-Navarro, B., Sala, R.** (Eds.). 2016. *Orce: Homininos, hienas, mamuts y otras bestias*. Junta de Andalucía. Consejería de Cultura.

## Activity as referee

### Referee of scientific articles in journals with impact factor

*American Journal of Physical Anthropology*

1 article reviewed

*American Journal of Primatology*

1 article reviewed

*Annales de Paléontologie*

1 article reviewed

*Archaeological and Anthropological Sciences*

1 article reviewed





**Archaeometry**

1 article reviewed

***Biological Conservation***

1 article reviewed

***C.R., Palevol***

1 article reviewed

***Estudios Geológicos***

1 article reviewed

***Environmental Archaeology***

1 article reviewed

***Geologica Acta***

1 article reviewed

***Journal of Anthropological Archaeology***

1 article reviewed

***Journal of Archaeological Science***

5 articles reviewed

***Journal of Human Evolution***

2 articles reviewed

***Journal of Mammalian Evolution***

1 article reviewed

***Journal of Quaternary Science***

2 articles reviewed

***Journal of Testing and Evaluation***

1 article reviewed

***Palaeogeography, Palaeoclimatology, Palaeoecology***

3 articles reviewed

***Palaeontologia Electronica***

1 article reviewed

***Physical Review E***

5 articles reviewed

***PlosOne***

4 articles reviewed

***Quaternary International***

20 articles reviewed

***Quaternary Research***

1 article reviewed

***Quaternary Science Reviews***

3 articles reviewed



# 2016

## **Scientific Reports**

5 articles reviewed

## **The Holocene**

1 article reviewed

## **Trabajos de Prehistoria**

2 articles reviewed

## **Referee of scientific articles in other journals**

### **1sIMERP-XIV EJIP**

1 abstract reviewed

### ***Actas "II Jornadas de Prehistoria Africana"***

2 articles reviewed

### **Aranzadi**

1 article reviewed

### ***Archaeofauna. International Journal of Archaeozoology***

2 articles reviewed

### **Archivo Español de Arqueología**

1 article reviewed

### ***Boletín de Arqueología Experimental***

1 articles reviewed

### ***Boletín de la Sociedad Geológica Mexicana***

1 article reviewed

### **EJIP contributions**

1 abstract reviewed

### **International Journal of Biodiversity and Conservation**

1 article reviewed

### **Journal of Archaeological Science: Reports**

3 articles reviewed

### ***Journal of Ecology and the Natural Environment***

1 article reviewed

### ***Journal of Materials and Environmental Science***

1 article reviewed

### **Journal of Paleontological Techniques**

1 article reviewed

### **PalaeoAnthropology**

1 article reviewed

### ***PH Investigación***

2 articles reviewed



**Revista Atlántica-Mediterránea de Prehistoria y Arqueología Social (RAMPAS)**

2 articles reviewed

**Spal**

2 articles reviewed

***The Archaeology of Portable Art: Southeast Asian, Pacific and Australian Perspectives***

Langley, M.C., Wright, D., Litster, M. and May, S.K. (Eds.)

1 article reviewed

**Vínculos de Historia**

2 articles reviewed

## Referee of books

**Special volume Springer "Hominin paleoecology book"**

1 article reviewed

## Referee of scholarships

**Ajut Talent Màster, Universitat Rovira i Virgili**

1 scholarship reviewed

**Ajut Assistent Docent, Universitat Rovira i Virgili**

2 scholarships reviewed

**Fonds de la Recherche Scientifique (France)**

1 scholarship reviewed

**International Master In Quaternary and Prehistory**

5 scholarships reviewed

**International Doctorate in Quaternary and Prehistory**

4 scholarships reviewed

**Leakey Foundation (USA)**

3 scholarships reviewed

**Post-doctoral research associate, PALEODEM Project (ERC Consolidator Grant)**

1 scholarship reviewed

## Referee of research projects

**Agence Nationale de la Recherche (France)**

1 project reviewed

**Fonds de la Recherche Scientifique (France)**

1 project reviewed

**Israel Science Foundation Research Grant (Israel)**

1 project reviewed

**Leakey Foundation (USA)**

1 project reviewed

**The World Academy of Sciences for the advancement of science in developing**



# 2016

countries (TWAS-Italy)  
1 TWAS project reviewed

## Guest editor

*Comptes Rendus Palevol*, 1 volume

*Frontiers in Digital Humanities | Digital Archaeology*, 1 volume

*Journal of Archaeological Science: Reports*, 1 volume

*Quaternary International*, 9 volumes

## Associate editor

*Quaternary International* (all volumes related to the INQUA commission *Humans and the Biosphere*)

## Academic editor

*PLOS ONE*, 7 articles managed

## Consulting editor

*PLOS ONE*, 1 article processing reviewed

## Scientific Committee

Boletín de Arqueología Experimental. Universidad Autónoma de Madrid

NetSci X 2016. International School and Conference on Network Science

## Fieldwork activity

Archaeological/Palaeontological excavations directed by  
IPHES

### Catalonia

Archaeological site: **Abric de la Consagració**

Location: Capellades, Barcelona, Spain

Chronology: Upper Pleistocene

Director: **M. Vaquero**, A. Picin

Archaeological site: **Abric Romani**

Location: Capellades, Barcelona, Spain

Chronology: Middle Pleistocene



Director: **E. Carbonell**

Archaeological site: **Barranc de La Boella**

Location: La Canonja, Tarragona, Spain

Chronology: Lower Pleistocene

Director: **J. Vallverdú, P. Saladié**

Archaeological site: **Camp dels Ninots**

Location: Caldes de Malavella, Girona, Spain

Chronology: Pliocene

Director: **J. Agustí, G. Campeny, B. Gómez de Soler**

Archaeological site: **Cova del Cudó**

Location: Mont-ral, Alt Camp, Spain

Chronology: Holocene

Director: **J. M. Vergès**

Archaeological site: **Cova de Les Borres**

Location: La Febró, Tarragona, Spain

Chronology: Upper Pleistocene

Director: **M. Soto, J. Vallverdú**



La Cansaladeta site-IPHES

Archaeological site: **Coves del Toll i Teixoneres**

Location: Moià, Barcelona, Spain

Chronology: Late Pleistocene

Director: **J. Rosell, R. Blasco, F. Rivals**

Archaeological site: **El Cavet**

Location: Cambrils, Tarragona, Spain

Chronology: Holocene

Director: **J. M. Vergès, M. Fontanals**

Archaeological site: **Incarcal**

Location: Crespità, Girona, Spain

Chronology: Lower Pleistocene



# 2016

Director: J. Madurell-Malapeira, **B. Martínez-Navarro**

Archaeological site: **La Cansaladeta**

Location: La Riba, Tarragona, Spain

Chronology: Middle Pleistocene

Director: **J.M. Vergès, A. Ollé**

Archaeological site: **Molí del Salt**

Location: Vimbodí i Poblet (Conca de Barberà, Tarragona)

Chronology: Upper Pleistocene – Early Holocene

Director: **M. Vaquero**

Archaeological site: **Sepulcre I de Mas d'en Llort**

Location: Montblanc, Conca de Barberà, Spain

Chronology: Holocene

Director: **J. M. Vergès**

## National

Archaeological site: **Baza 1**

Location: Baza, Granada, Spain

Chronology: Pliocene

Director: J. M. Jiménez-Arenas, S. Ros-Montoya, **B. Martínez-Navarro**

Archaeological site: **Cova Eirós**

Location: Triacastela, Lugo, Spain

Chronology: Upper Pleistocene

Director: **X.P. Rodríguez, A. de Lombera**

Archaeological site: **Cueva de El Conejar**

Location: Cáceres, Extremadura, Spain

Chronology: Upper Pleistocene- Holocene

Director: **A. Canals, E. Carbonell**

Archaeological site: **Sierra de Quibas**

Location: Abanilla, Murcia, Spain

Chronology: Lower Pleistocene

Director: **J. Agustí, A. Rosas, P. Piñero**

Archaeological site: **Yacimientos de la Sierra de Atapuerca: Sima del Elefante, Gran Dolina, Galería, Sima de los Huesos y El Mirador**

Location: Ibeas de Juarros, Burgos, Spain

Chronology: Pleistocene-Holocene

Director: **E. Carbonell, J.L. Arsuaga, J.M. Bermúdez de Castro**

## International

Archaeological site: **Engel Ela-Ramud Basin**

Location: Eritrea

Chronology: Miocene, Pliocene, Pleistocene

Director: **E. Carbonell, B. Martínez-Navarro**

Archaeological site: **Zottafonda**

Location: Petralia Sottana, Sicily, Italy

Chronology: Holocene



Director: V. Forgia, J. M.Vergès, A. Ollé.



Zottafonda site-IPHES

## Archaeological/Palaeontological excavations not directed by IPHES

### Catalonia

Archaeological site: **Cova del Parco**

Location: Alós de Balaguer, Lleida, Spain

Chronology: Upper Pleistocene

Director and institution: J.M. Fullola, UB-SERP; X. Mangado, UB-SERP; M. Sánchez de la Torre, IRAMAT - Université Bordeaux Montaigne

Archaeological site: **La Griera**

Location: Calafell, Barcelona, Spain

Chronology: Upper Pleistocene

Director and institution: A. Cebrià, J.I. Morales, Universitat de Barcelona

Archaeological site: **Montlleó**

Location: Prats i Sansor, Lleida, Spain

Chronology: Upper Pleistocene

Director and institution: X.Mangado, UB-SERP; O. Mercadal, Museu Cerdà; J.M. Fullola, UB-SERP

### National

Archaeological site: **Abric del Pastor**

Location: Alcoy, Alicante, Spain

Chronology: Upper Pleistocene

Director and institution: Bertila Galván, Universidad de La Laguna

Archaeological site: **Barranco León**

Location: Orce, Granada, Spain

Chronology: Lower Pleistocene





# 2016

Director and institution: J. M. Jiménez Arenas, Universidad de Granada

Archaeological site: **Bolomor**

Location: Tavernes de la Vallidigna, Valencia, Spain

Chronology: Middle-Late Pleistocene

Director and institution: J. F. Peris, Museu Arqueològic de València

Archaeological site: **Cueva Descubierta**

Location: Pinilla del Valle, Madrid, Spain

Chronology: Middle Paleolithic

Director and institution: E. Baquedano, Museo Arqueológico Regional; J.L.Arsuaga, Universidad Complutense de Madrid; A. Pérez-González, CENIEH.

Archaeological site: **El Salt**

Location: Alcoy, Alicante, Spain

Chronology: Upper Pleistocene

Director and institution: Bertila Galván, Universidad de la Laguna

## International

Archaeological site: **Ain Hanech**

Location: Sétif, Argelia

Chronology: Lower Pleistocene

Director and institution: M. Sahnouni, CENIEH

Archaeological site: **Bois-de-Riquet**

Location: Lézignan-la-Cèbe, Languedoc-Roussillon-Midi-Pyrénées, France

Chronology: Lower Pleistocene

Director and institution: L. Bourguignon, INRAP (France)

Archaeological site: **Dmanisi**

Location: Georgia

Chronology: Lower Pleistocene

Director and institution: D. Lordkipanidze, Georgian National Museum

Archaeological site: **Melka Wakena**

Location: Melka Wakena, Ethiopia

Chronology: Lower Pleistocene

Director and institution: E.Hovers, Hebrew University of Jerusalem

Archaeological site: **Pompeya**

Location: Pompei, Italy

Chronology: Early Roman Empire

Director and institution: M. Anderson, Universidad de San Francisco, California

Archaeological site: **Rizal**

Location: Kalinga, Luzon, Philippines

Chronology: Middle Pleistocene

Director and institution: Th. Ingicco, Muséum National d'Histoire Naturelle (MNHN) Paris, France, National Museum of Manila, University of Philippines, Manila



## Congresses, Workshops & Seminars

### National

#### Seminario "La extinción neandertal".

Venue: Lucena (Córdoba).

Date: 16th April 2016

Organizers: Cecilio Barroso Ruiz

Authors: **Martínez-Navarro, B.**

Oral presentation: *El ocaso de los neandertales y la extinción de la megafauna cuaternaria: Un hipótesis de trabajo*

#### Workshop "Geological and Palaeoenvironment settings of the Camp dels Ninots test pits"

Venue: Tarragona

Date: 25<sup>th</sup>- 26<sup>th</sup> april

Organizers: IPHES

Authors: **Gómez de Soler, B., Campeny, G.**

Oral presentation: El Camp dels Ninots (Caldes de Malavella, la Selva): historia de 13 años de investigacions

#### Jornades d'Arqueologia de les Terres de l'Ebre

Venue: Tortosa, Spain

Date: 6th may

Organizers: Departament de Cultura de la Generalitat de Catalunya

Authors: **Vaquero, M.**, Viñas, R., Bader, K., Bader, M.

Oral presentation: El jaciment de superfície del Barranc de Santa Eulàlia (El Perelló, Baix Ebre): un nou conjunt del Paleolític superior al sud de Catalunya.

Authors: Viñas, R., Rubio, A., Ruiz, J.F., **Vaquero, M., Vallverdú, J.**

Oral presentation: Primeres datacions indirectes de pintures rupestres de Catalunya: els abrics I i V del conjunt rupestre d'Ermites (Ulldecona, Montsià).

#### VI Congreso del Neolítico en la Península Ibérica: "Los cambios económicos y sus implicaciones sociales durante el neolítico de la Península Ibérica"

Venue: Granada, Spain

Date: 22th-26th June

Organizers: Universidad de Granada

Authors: Revelles, J., **Burjachs, F.**, Piquè, R.

Oral presentation: Historia de la vegetación y uso del territorio durante el Neolítico en el NE de la Península Ibérica. Interacción entre sociedad y medio en el área del Estany de Banyoles.

Authors: **Fernández López de Pablo, J.**, Gómez, M., Boronat, J., García Borja, P., Carrión, Y., Ferrer, C., **Morales, J.I.**, Morales, J.V., Cucart, C., Esquembre, M.A., **Vallverdú, J.**

Oral presentation: Las ocupaciones neolíticas de casa Corona (Villena, Alicante). Cronología, estructuras de habitat y organización espacial interna.

Authors: **Gómez-Puche, M., Vallverdú, J., Allué, E., Fernández-López de Pablo, J.**

Oral presentation: Las estructuras de combustión neolíticas en el yacimiento de Casa Corona (Villena, Alicante): Resultados preliminares y perspectivas de futuro. IV Congreso de Neolítico en la Península Ibérica

## 2016

Authors: Obea-Gómez, L., **Expósito, I.**, **Burjachs, F.**

Oral presentation: La obtención y consumo de recursos vegetales en Coro Trasito (Tella-Sin, Huesca) a lo largo del Neolítico. Resultados preliminares de los materiales provenientes de los Sondeos 2 y 3

Authors: Sánchez de la Torre, M., Oms, F. X., Antolín, F., Martín Seijo, M., Prats, G., **Fernández Marchena, J. L.**, González, C., Martínez Grau, H., Mangado Llach, J.

Oral presentation: Usos del fuego durante el V milenio cal BC en el yacimiento de Auvelles (La Noguera, Lleida).

Authors: Sánchez de la Torre, M., Oms, F. X., Mangado Llach, J., **Fernández Marchena, J. L.**, García-Argudo Ripoll, G., Martínez Grau, H.

Oral presentation: Hábitat y territorio en el Prepirineo de Lleida durante el Neolítico Antiguo: el Abric del Xicotó.

### **XXXII Jornadas de la Sociedad Española de Paleontología**

Venue: Molina de Aragón, Guadalajara, Spain

Date: 21-24th September

Organizers: Sociedad Española de Paleontología (SEP)

Authors: García-Aguilar, J.M., Espigares, M.P., Guerra-Merchán, A., Rodríguez-Gómez, G., Jiménez-Arenas, J.M., **Martínez-Navarro, B.**, Ros-Montoya, S., Pérez-Claros, J.A., Figueirido B., Palmqvist, P.

Oral presentation: Los yacimientos del Pleistoceno inferior de la Cuenca de Baza y el primer poblamiento humano de Europa (II): inferencias poblacionales y estrategias de subsistencia de los homínidos.

Authors: Palmqvist, P., Rodríguez-Gómez, G., Espigares, M.P., Ros-Montoya, S., Guerra-Merchán, A., García-Aguilar, J.M., Jiménez-Arenas, J.M., Figueirido, B., Pérez-Claros, J.A., **Martínez-Navarro, B.**

Oral presentation: Los yacimientos del Pleistoceno inferior de la Cuenca de Baza y el primer poblamiento humano de Europa (I): Disponibilidad de recursos e intensidad de la competencia entre los carnívoros.

Authors: Ros-Montoya, S., **Martínez-Navarro, B.**, Espigares, M.P., Jiménez-Arenas, J.M., Madurell-Malapeira, J., Palmqvist, P.

Oral presentation: Fuente Nueva I: el registro más antiguo del Pleistoceno inferior de Orce

Authors: **Martínez-Navarro, B.**, **Carbonell, E.**, **Medin, T.**, Oms, O., **Rodríguez-Álvarez, X.P.**, Ros-Montoya, S., Araia, D., Tsehaie, L., Libsekal, Y.

Póster: La cuenca de Engel Ela-Ramud: un nuevo yacimiento arqueopaleontológico en Eritrea

### **V Trobada de Centres d'Estudis del Camp de Tarragona, la Conca de Barberà i el Priorat**

Venue: La Canonja

Date: 15th October

Organizers: Serveis Territorials de Cultura a Tarragona

Autor: **Vaquero, M.**

Oral presentation: Recerca arqueològica i compromís amb el territori: un exemple de la Conca de Barberà.

### **XVI Jornades Herpetològiques Catalanes**

Venue: Parets del valles, Barcelona, Spain

Date: 21<sup>th</sup>-23<sup>th</sup> October

Organizers: Societat Catalana d'Herpetologia

Authors: **Blain, H.-A.**



Oral presentation: El patró geogràfic i cronològic de les extincions d'herpetofauna del Plistocè a la Península Ibèrica.

**Jornadas de difusión sobre la Cuna de la Humanidad**

Venue: CosmoCaixa, Barcelona, Spain

Date: 28-29th October

Organizers: Enrique Baquedano

Authors: **Agustí, J.**, García, N., **Martínez-Navarro, B.**, **van der Made, J.**

Oral presentation: Las faunas africanas que acompañaron a los homínidos

**IV Jornades d'Arqueologia de la Catalunya Central**

Venue: Solsona (Lleida, Spain)

Date: 14-15<sup>th</sup> November

Organizers: Generalitat de Catalunya

Authors: **Gómez de Soler, B.**; **Vallverdú, J.**; **Soto, M.**; **Allué, E.**; **Bargalló, A.**; **Campeny, G.**; **Chacón, M.G.**; Gabucio, M.J.; **Marín, J.**; **Saladié, P.**; **Romagnoli, F.**; **Vaquero., M.**

Oral presentation: Afloraments silícis de la Catalunya Central i àrees de captació dels neandertals de l'Abric Roïmaní. Nivells M, Oa i P

Authors: **Rosell, J.**, Blasco, R., **Rivals, F.**, **Chacón M.G.**, Picin, A., **Arilla, M.**, **Rufà, A.**, Andrés, M., **Sánchez-Hernández, C.**, Bustos, G. Mateo, P., Ramírez, I., Fàbregas, J.

Oral presentation: El Nen de Mojà: un nou repte en la recerca de les Cova de les Teixoneres (Mojà, Moianès)

## International

**Unravelling the Palaeolithic**

Venue: Southampton, UK

Date: 14-16th January

Organizers: Department of Archaeology's Centre for the Archaeology of Human Origins (CAHO)

Authors: Valverde Tejedor, I., Thun Hohenstein, U., Fabregas-Valcarce, R., **de Lombera Hermida, A.**, **Rodríguez, X.P.**

Poster: Mobility and Subsistence Strategies among *Ursus spelaeus* and *H. sapiens* during the Early Upper Palaeolithic in the NW of the Iberian Peninsula: the Cova Eiros Cave

**MEDINES 2016 Conference**

**Late Glacial to Early Holocene Socio-ecological responses to climatic instability within the Mediterranean Basin**

Venue: CaixaForum, Tarragona, Spain

Date: 3<sup>rd</sup>-5<sup>th</sup> February

Organizers: **Jones, S.E.**, **Fernández-López de Pablo, J.**, **Burjachs, F.**





MEDINES conference-IPHES

Authors: **Jones, S.E., Burjachs, F.**, Schulte, L., Ferrer, C., **Fernández-López de Pablo, J.**  
 Oral presentation: Prehistoric Transitions in the Mediterranean: Climate change and cultural signatures between the Mesolithic and Bronze Age based on a multi-proxy reconstruction from the upper Vinalopó Valley, Alicante.

Authors: **López-García, J.M., Blain, H.-A., Morales, J.I., Lorenzo, C.**, Bañuls-Cardona, S. & Cuenca-Bescós, G.  
 Oral presentation: Timing and consequences of the human impact on small mammal diversity in Spain during the late Pleistocene to the early Holocene.

Authors: **Lozano, M.**, Subirà, M.E., Roca de Togores, C., **Fernández-López de Pablo, J.**  
 Oral presentation: Testing human resilience to environmental change using oral pathologies on the Late Mesolithic individuals from Casa Corona (Villena, Spain).

Authors: Palomo, A., Piqué, R., Revelles, J., Terradas, X., **Burjachs, F.**, Iriarte, E.  
 Oral presentation: Human-environment interactions during the Holocene in the Lake Banyoles area.

Authors: **Fernández-López de Pablo, J., Lozano, S., Gómez, M., Cucart, C.**, Prignano, L.,  
 Oral presentation: Multi-scalar approaches to demographic dynamics between the Late Magdalenian and the Late Mesolithic in the Iberian Peninsula.

Authors: **Bisbal-Chinesta, J.F., Blain, H.-A.**  
 Poster: Changes in the distribution and composition of the Iberian herpetofauna since the latest Pleistocene.

Authors: **Fernández-López de Pablo, J., Ferrer, C., Gómez-Puche, M., Jones, S.E., Morales, J.I., Mosquera, M., Yanes, Y., Gabriel, S., Tormo, C., Burjachs, F.**  
 Poster: POSTGLACIAL-MED project. Environmental dynamics and human responses during the Postglacial in the Mediterranean facade of Iberia (c. 12700-8000 cal BP). Results and



prospects.

Authors: **Rey-Rodríguez, I., López-García, J.M., Blain, H.-A.,** Fernández-García, M., **Rodríguez-Álvarez, X.P., Ollé, A. & Bazgir, B.**

Poster: Preliminary data about the environmental reconstruction of the latest Pleistocene from Kaldar Cave (Khorramabad valley, Iran) through the small-vertebrates assemblages.

Authors: Yanes, Y., **Fernández Lopez-de-Pablo, J.**

Poster: Environmental significance of the oxygen isotopic composition of the terrestrial gastropod *Sphincterochila candidissima*, a natural climatic archive abundant in Mediterranean shell middens.

### **I Annual Meeting of Prehistory and Protohistory “Il Paleolitico e Mesolitico in Italia: nuove ricerche e prospettive di Studio**

Venue: Genova, Italy

Date: 4-5th February

Organizers: Istituto Italiano di Preistoria e Protostoria-Dipartimento di Antichità, Filosofia, Storia, Università degli Studi di Genova

Authors: **Romagnoli, F.**, Baena, J., Sarti, L.

Oral presentation: New perspectives in the study of Middle Palaeolithic shell technology: understanding the raw material performance, technical procedures, and Neanderthal socio-economic strategies with multidisciplinary approach.

### **INA Colloquium Tübingen**

Venue: Tübingen, Germany

Date: 6<sup>th</sup> February

Organizers: University Tübingen

Authors: Rodríguez-Hidalgo, A.

Oral Presentation; Man-eaters in Prehistoric Europe: A taphonomical perspective of the human cannibalism

### **SimulPast Workshop. How Wrong is my model: Empirical challenges in archaeology, history and Anthropology**

Venue: Universitat Pompeu Fabra, Barcelona

Date: 24-26th February

Organizers: Crema, E., Rubio-Campillo, X.

Authors: **Cucart, C., Lozano, S., Fernández-López de Pablo, J.**

Oral presentation: Cultural interactions and demography during the Transition from Middle to Upper Paleolithic in Iberia: An Agent Based Modeling approach

Authors: Prignano, L., Fulminante, F., **Lozano, S.**, Morer, I.

Oral presentation: Comparing network models for the evolution of terrestrial connections in Central Italy (1175/1150–500 BC ca).

### **14th Annual Symposium on the Iranian Archaeology**

Venue: Tehran, Iran

Date: 6-8<sup>th</sup> March

Organizers: Iranian Center for Archaeological Research (ICAR)

Authors: **Rey-Rodríguez, I., López-García, J.M., Blain, H.-A.,** Fernández-García, M., **Rodríguez-Álvarez, X.P., Ollé, A., Bazgir, B.**

Poster: Preliminary data about the environmental reconstruction of the latest Pleistocene from Kaldar Cave (Khorramabad valley, Iran) through the small-vertebrates assemblages.

### **44th Computer Applications and Quantitative Methods in Archaeology Conference**



# 2016

## (CAA 2016)

Venue: Oslo, Norway

Date: 29th March - 2nd April

Organizers: Museum of Cultural History, University of Oslo

Authors: **Prignano, L., Lozano, S., Morer, I., Fulminante, F.**

Oral presentation: A network model for the evolution of terrestrial connections in Central Italy (1175/1150-500 BC ca)

Authors: Vázquez-Martínez, A., Vilas-Estévez, B., Carrero-Pazos, M., **de Lombera Hermida, A., Fábregas-Valcarce, R., Rodríguez-Álvarez, X.P.**

Oral presentation: A methodological approach to the study of prehistoric cave engravings: the case of Cova Eirós (Lugo, Spain)

## 58th Annual Meeting of the Obermaier Society

Venue: Institute of Archaeological Sciences (IAS) of the Eötvös Loránd University, Budapest, Hungary.

Date: March 29th- April 2nd

Organizers: Hugo Obermaier Society for Quaternary Research and Archaeology of the Stone Age.

Authors: **Chacón, M.G.**, Aouraghe H., **Agustí J.**, Álvarez C., Arnold L., Benito-Calvo A., **Blain H-A.**, Carrancho A., De Lombera A., Duval M., El Hammouti K., El Harradji A., Haddoumi H., **Menéndez L.**, Parés J.M., **Piñero P.**, Tarrío A., Villalain J.J., **Sala R.**

Oral presentation: Ten years of archaeological research in the Ain Béni-Mathar/Guefait region (Eastern Morocco): Results and perspectives.

Authors: **Romagnoli, F., Vaquero, M.**

Oral presentation: Investigating Neanderthal social and economic dynamics during MIS 3: a new multidisciplinary high-resolution approach.

Authors: **Rivals, F.**, Semprebon, G., Prignano, L., **Lozano, S.**

Poster: Seasonality scratched on teeth: A tool to estimate the duration of mortality events in archaeological assemblages using extant ungulate tooth microwear

Authors: **Sánchez-Hernández, C., Rivals, F.**, Blasco, R., **Rosell, J.**

Poster: Neanderthal occupational patterns in the North of the Iberian Peninsula: A preliminary approach to Cueva Morin (Cantabria) and Cova de les Teixoneres (Barcelona)

Authors: Hundsdoerfer, H., Pastoors, A., Claßen, E., Peresani, M., **Vaquero, M.**

Poster: New research at the Middle Palaeolithic workshop site Troisdorf-Ravensberg (Rhineland, Germany).

## Animals: Cultural Identifiers in Ancient Societies

Venue: Auditorium Carl Friedrich von Siemens Stiftung

Date: 04-06th April

Organizers: Univ. Muenchen

Authors: Saña, M., **Tornero, C.**

Oral presentation: Domestication and Property at PPNB Tell Halula: an integrated archaeozoological approach to the study of animal appropriation

## Society for American Archaeology, 81st Annual Meeting

Venue: Orlando, Florida, USA

Date: 4th-10th April

Organizers: Society for American Archaeology





Authors: **Fernández-López de Pablo, J.**

Oral presentation: Human Adaptations to Terminal Pleistocene/Early Holocene Environmental Change.

Authors: **Lozano, S.**, Prignano, L., **Gómez, M.**, Gutiérrez, M., **Fernández-López de Pablo, J.**

Oral presentation: Early Holocene socio-ecological dynamics in the Iberian Peninsula: a Network approach

Authors: **Rosell J.**, Blasco R., **Rivals F.**, **Chacón, M.G.**, Picin A.

Oral presentation: Changes in occupational patterns during the Middle Paleolithic: the case of Teixoneres Cave Unit III (MIS 3, Moïà, Barcelona, Spain)

### **PaleoAnthropology. Paleoanthropology Society Meeting**

Venue: Atlanta, EE.UU

Date: 12-13th April

Organizers: Paleoanthropology Society

Authors: Sahnouni, M., Duval, M., Parés, J. M., Made van der, J., Pérez-González, A., Abdessadok, S., Harichane, Z., **Cáceres, I.**, Derradji, A., Kandí, N., Medig, M. and Boulagharif, K.

Oral presentation: Evidence of stone tools and cut-marked bones from Ain Boucherit Early Pleistocene Deposits (2.2-1.95Ma), Algeria.

Authors: Semaw, S., Rogers, M. J., **Cáceres, I.**, Stout, D. and Leiss, A.

Oral presentation: The Early Acheulian from Gona, Ethiopia: Implications for technological and homini diet transitions.

### **International School of Quaternary and Prehistory in China and Southeast Asia.**

Venue: Nanjing (Xina)

Date: 21stApril-1st May

Organizers: School of Geography Science, Nanjing Normal University

Authors: **Lorenzo, C.**, Rosina, P., **Sala, R.**, Arzarello, M., Falguères, C.

Oral presentation: Assessment of the IMQP 10 years

Authors: **Lorenzo, C.**, Rosina, P., **Sala, R.**, Arzarello, M., Falguères, C.

Oral presentation: Interdisciplinary in a Quaternary and Prehistory school.

### **V Jornada Complexitat.cat: unifying complexity science**

Venue: Barcelona, Spain

Date: 19<sup>th</sup> May

Organizers: INEFC, Universitat de Barcelona

Authors: **Cucart, C.**, **Lozano, S.**, **Fernández-López de Pablo, J.**

Poster: Cultural interactions and demography during the Transition from Middle to Upper Paleolithic in Iberia: An Agent Based Modeling approach

### **PREHsea Project "Managing Prehistoric Heritage in Southeast Asia", PROJECT FINAL SEMINAR**

Venue: **Depok, Jakarta, Indonesia**

Date: 22-25th May

Organizers: François Semah

Authors: Lorenzo, C., Martínez-Navarro, B.

Oral presentation: European major sites: Atapuerca and Orce, Spain

### **Ciclo-Arqueología del Próximo Oriente. Arqueología en conflicto**

Venue: Cantabria, Spain

Date: 27th May

Organizers: *Instituto Internacional de Investigaciones Prehistóricas (IIIPC)*, University of



# 2016

Cantabria

Authors: **Tornero, C.**

Oral presentation: De Kalavan a Abu Hureyra, de muflones a gacelas. Análisis de isótopos estables para el estudio de animales cazados en la Prehistoria de Próximo Oriente

**Séminaire International sur le Patrimoine archéologique de la province de Jerada: 10 ans de Recherches & de Coopérations scientifiques Maroco-espagnole dans la province de Jerada (Maroc oriental). Oujda, Morocco.**

Venue: Université de Oujda, Morocco

Date: 2nd -4<sup>th</sup> Juny

Organizers: Université de Oujda, **IPHES**, Universitat Rovira i Virgili

Authors: **Agustí, J Blain, H.-A., Piñero, P.,** Hajji, N., Aouraghe, H., Haddoumi, H., El Hammouti, K., El Harradji, A.

Oral presentation: Les petits vertébrés des sites de Guéfait: Biostratigraphie et Paléoenvironnement.

Authors: Aouraghe, H., Haddoumi, H., El Hammouti, K., **Sala, R., Agustí, J., Chacon, M.G., Blain, H.-A.,** Atmani, A.

Oral presentation: La mégafaune d'Ain Béni Mathar (Maroc oriental): nouvelles donnés.

Authors: Aouraghe H., **Sala R., Chacón M.G., Agustí J.,** Haddoumi H., El Hammouti K., El Harradji A.

Oral presentation: Bilan de 10 ans de recherches & de coopérations scientifiques Maroco-espagnole dans la province de Jerada (Maroc Oriental)

Authors: Haddoumi, H., El Hammouti, K., Aouraghe, H., Hajji, N., **Agustí, J., Blain, H.-A.,** El Harradji, A., **Sala, R., Chacon, M.G.**

Oral presentation: Données générales sur la géologie du Bassin d'Ain Béni Mathar-Guefait (Hauts Plateaux, Maroc oriental)

Authors: **Sala R., Chacón M.G., De Lombera A., Menendez L.,** Tarrío A., Aouraghe H., Haddoumi H., El Hammouti K., El Harradji A.

Oral presentation: L'industrie lithique des régions d'Ain Béni Mathar et Guefait.

Authors: **Blain, H.-A.**

Poster: Les amphibiens et les reptiles fossiles du Miocène supérieur de Guefait-1 (Province de Jerada, Maroc oriental)

## **JIA 2016 – IX Jornadas de Jóvenes en Investigación Arqueológica**

Venue: Santander, Spain

Date: 8-11th June 2016

Organizers: IIPC-Pre doctoral Students

Organizers: Díaz Rodríguez, M., **Fernández-Marchena, J.L.,** García-Argudo Ripol, G., **Pederagnana, A.,** Rodríguez Nóvoa, A.A., Valverde Tejedor, I.

Session **S6: En Un Mar De Métodos. La Evolución Y Regresión De Las Metodologías De Estudios Funcionales Sobre Diferentes Materiales,**

Organizers: **Pineda Alcalá, A., Pérez Luis, L.J.**

Session: Hominidos y su entorno animal: coevolución, competencia e implicación como agente tafonómicos durante la Prehistoria.

Authors: **Fernández Marchena, J. L.,** García-Argudo Ripoll, G., **Pederagnana, A.,** Valverde Tejedor, I.

Oral presentation: Líneas, manchas y cia. Pautas metodológicas para una adecuada interpretación funcional.

Grandi, F., Channarayanaaptna, S., D'Argenico, F., **Pineda, A.,** Peretto, C., Thun-Hohenstein,



U.

Oral presentation: Preliminary archaeozoological results from the sandy layers of Isernia La Pineta (Molise, Italy).

Authors: Karakostis, A., **Lorenzo, C.**

Oral presentation: Three-dimensional Morphometric Analysis of Human Hand Entheses

Authors: Luengo, F.J., **Lorenzo, C., Martínez-Navarro, B.**

Oral presentation: La mayoría de edad de la fotogrametría y su uso en Venta Micena, Orce (Granada)

Authors: **Pineda, A., Saladié, P., Rodríguez-Hidalgo, A., Expósito, I., Cáceres, I., Huguet, H. López-Polín, P.,** Rosas, A., **Vallverdú, J.**

Oral presentation: De coprolitos entre manos: caracterización de dos letrinas de hiena del Pleistoceno Inferior

Authors: **Buchhi, A.M., Burguet, A.,** Hardy, K., **Vergès, J.M., Lozano, M.**

Poster: Análisis de cálculo dental humano de la Cueva de El Mirador, Sierra de Atapuerca

Authors: **Rey-Rodríguez, I., López-García, J.M., Blain, H-A.,** Fernández-García, M., **Tumung L., Rodríguez-Álvarez, X.P., Ollé, A., Bazgir, B.**

Poster: Paleontological data about the small-mammals assemblage from the Late Pleistocene of Kaldar Cave (Khorramabad Valley, Irán)

#### **1st International Conference on “Cliometrics and Complexity”**

Venue: ENS Lyon (Lyon, France)

Date: 9<sup>th</sup>-10<sup>th</sup> June

Organizers: Complex Systems Institute in Rhône-Alpes

Authors: **Lozano, S.,** Badia-Miró, M.

Oral presentation: Multi-scale approach to the emergence of technological innovation waves during the early Spanish industrialization.

#### **International Conference on Eritrean studies: The way forward**

Venue: Asmara, Eritrea

Date: 20-22th July

Authors: **Martínez-Navarro, B., Medin, T.,** Oms, O., **Rodríguez-Álvarez, X.P.,** Libsekal, Y., Rook, L., **Carbonell, E.**

Poster: The Eritreo-Spanish Project: A Four Years Geo-archaeo-paleontological Field Research at the Engle Ella-Ramod Basin (Eritrean Danakil Depression)

#### **VI International Maar Conference**

Venue: Changchun, China

Date: 30<sup>th</sup>July - 3<sup>th</sup> August

Organizers: International Association of Volcanology and Chemistry of Earth's Interior (IAVCEI)

Authors: Bolós, X., Jurado, M.J., Oms, O., Martí, J., **Gómez de Soler, B., Campeny, G.,** Crespo, J., **Agustí J.**

Oral presentation: Reconstruction of a Maar-Diatreme Features from Borehole Cores and Logging

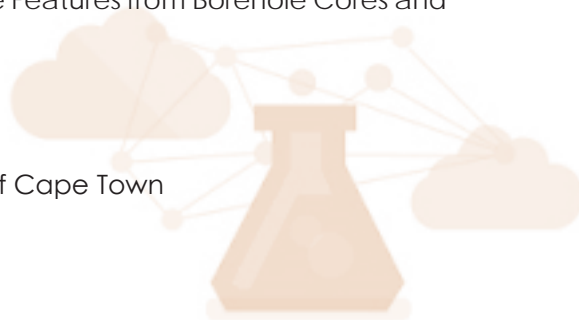
#### **Departmental Seminar Series**

Venue: Cape-Town, South-Africa

Date: 23rd August

Organizers: Department of Anthropology, University of Cape Town

Authors: **Tornero, C.**



## **Landscape Archaeology Conference (LAC2016)**

Venue: Uppsala, Sweden

Date: 23rd-25th August 2016

Organizers: Department of Archaeology & Ancient History (DAAH), Uppsala University

Authors: Jiménez Manchón, S., Rivals, F., Valenzuela-Lamas, S., **Cáceres, I.**, López, D., Jornet, R.

Poster: Study of the caprine diet through dental microwear: the Iron Age site of Turó de la Font de la Canya (Barcelona, Spain)

## **World Archaeology Congress (WAC-8 Kyoto)**

Venue: Kyoto, Japon

Date: 28th August- 2nd September

Organizers: WAC-8 Kyoto Local Organizing Committee

Organizers: **Romagnoli, F.**, Nishiaki, Y., **Rivals, F.**, **Vaquero, M.**

Session "Multidisciplinary approach in the definition of high-resolution events to interpret past human behaviour".

Authors: **Rivals, F.**, Semprebon, G., Prignano, L., **Lozano, S.**

Oral presentation: "A high resolution tool to estimate of the duration of large game mortality events in archaeological assemblages using tooth microwear".

Authors: **Romagnoli F.**, Bargalló A., **Chacón, M.G.**, **Gabucio, M.J.**, **Gómez De Soler B.**, **Vaquero M.**

Oral presentation: Struggle against time in archaeology. Applying multidisciplinary high-resolution approach dissecting palimpsest in Middle Palaeolithic campsite: Abric Romani (Capellades, Barcelona, Spain)

## **22<sup>nd</sup> Annual Meeting of the European Association of Archaeologists (EAA)**

Venue: Vilnius, Lithuania

Date: 31st August- 4th September

Organizers: European Association of Archaeologists

Authors: Revelles, J., **Burjachs, F.**, **López-Bultó, O.**, **Morera, N.**, **Piqué, R.**, **Palomo, A.**, **Terradas, X.**

Poster: Palynological contribution for formation processes reconstruction in a Neolithic pile dwelling site. Spatial analysis in La Draga (Girona, Spain).

## **4<sup>th</sup> Taphonomy Working Group Meeting: General to Specific Quaternary Taphonomy – ICAZ**

Venue: Paris, France

Date: 7-10th September

Organizers: Brugal, J.P. (LAMPEA), Denys, C. (MNHN)

Authors: Campmas, E., **Romagnoli, F.**, Costamagno, S.

Oral presentation: *Sea, Shells and Sun! Evaluation of shell tools efficiency for butchery activities.*

Authors: **Pérez Luis, L.J.**, Galván Santos, B., **Sala Ramos, R.**

Oral presentation: Bone retouchers from El Salt (Alcoi, Alicante)

Authors: **Pineda, A.**, **Saladié, P.**, **Huguet, R.**, **Cáceres, I.**, Rosas, A., **Vallverdú, J.**

Oral presentation: Competition dynamics among predators during the late Early Pleistocene: the case of Barranc de la Boella (Tarragona, Spain).

Authors: **Rufà, A.**, Blasco, R., **Rosell, J.**, **Vaquero, M.**



Oral presentation: What is going on at the Molí del Salt site? A zooarchaeological approach to the last hunter-gatherers from South Catalonia.

#### **IX Congreso Geológico de España**

Venue: Huelva, Spain

Date: 12<sup>th</sup> - 14<sup>th</sup> September

Organizers: Sociedad Geológica de España

Authors: Miró, J., Jurado, M.J., Oms, O., Martín-Martín, J.D., Ibáñez, J., Anadón, P., Crespo, J., **Gómez de Soler, B., Campeny G., Agustí, J.**

Oral presentation: Bore-hole image techniques applied to identification of chert and dolomite layers in lacustrine sediments.

Authors: Bolós, X., Jurado, M.J., Oms, O., Martí, J., Crespo, J., **Campeny, G Gómez de Soler, B., Agustí J.**

Poster: Maar-diatreme infill features recorded in borehole imaging

#### **1st Meeting of the Microvertebrate Working Group**

Venue: Alcalá de Henares, Madrid, Spain

Date: 13<sup>th</sup> September

Organizers: Rhodes, S., Blanco-Lapaz, A:

Authors: **Blain, H.-A.**, Bailon, S., **Agustí, J.**

Oral presentation: The geographical and chronological pattern of herpetofaunal Pleistocene extinctions on the Iberian Peninsula.

Authors: Martínez-Monzón, A., **Blain, H.-A.**, Rodríguez, M.A., Cuenca-Bescós, G.

Oral presentation: Amphibian body size evolution and Pleistocene climate: a case study with *Bufo calamita* (Anura, Bufonidae) at the Sierra de Atapuerca sites (Burgos, Spain)

#### **Training Lab 2016-I: Data availability, management and storage – Working with Databases**

Venue: Sassari (Sardinia, Italy)

Date: 13-15th September 2016

Organizers: Modelling Environmental Dynamics and Hominin Dispersals Around the Mid-Pleistocene Revolution (METHOD) - INQUA IFG 1604F

Authors: Mateos, A., **Ollé, A.**, Rodríguez, J.

Oral presentation: Models, Databases and Open Questions on the Palaeolithic settlement of Europe.

#### **7th International Symposium on Biomolecular Archaeology (ISBA7)**

Venue: Oxford University Museum of Natural History

Date: 14-16th September

Organizers: Oxford University

Authors: García-Reig, S., **Tornero, C.**, Balasse, M., Bosch, A. Tarrús, J., Saña, M.

Oral presentation: Seasonal reproductive patterns of buried sheep in the funeral Avellaner cave (Epicardial; Northeast Iberian Peninsula) by stable isotope sequences ( $\delta^{18}\text{O}$ ) in bioapatite tooth enamel: funerary and sheep herding implications.

Authors: **Tornero, C.**, Aguiera, M., Ferrio, J., Moreno, M. Arcusa, H., García, I., García-Reig, S., Garrido-Peña, R., Royo-Guillem, J.I., Tejedor, C., Balasse, M., Rojo, M.

Oral presentation: Investigating early Neolithic vertical pastoralism movements of sheep in the Central Pyrenees by stable isotope analyses: data from a modern reference sample and archaeological specimens from Els Trocs (late VIth millennium cal BC; Spain)

## 2016

Authors: Ramírez, I., **Tornero, C.**, Blasco, R., **Rivals, F.**, **Rosell, J.**

Poster presentation: Investigating dietary habits by stable isotope analyses ( $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$ ) in bone collagen of cave bear (*Ursus spelaeus*) in southern latitudes of Europe during Late Pleistocene: the case of Toll Cave (MIS 3; Spain)

### 2016 Conference on Complex Systems

Venue: Beurs Van Berlage, Amsterdam, The Netherlands

Date: 19<sup>th</sup> -22<sup>nd</sup> September

Organizers: Complex Systems Society

Authors: Prignano, L., Fulminante, F., **Lozano, S.**, Morer, I.

Oral presentation: Comparing network models for the evolution of terrestrial connections in Central Italy (1175/1150–500 BC ca).

### International Conference Homo erectus 100 + 25 years

Venue: Georgian National Museum, Tbilisi

Date: 20<sup>th</sup>-24<sup>th</sup> September

Organizers: Georgian National Museum, Senckenberg Institut and Natural History Museum Frankfurt (Alemania) , ROCEEH Research Centre, Heidelberg Academy of Sciences and Humanities

Authors: **Agustí, J.**, Chochisvili, G., **Lozano-Fernández, I.**, Oms, O., **Piñero, P.**, Lordkipanidze, D.

Oral presentation: The late Neogene-Quaternary small vertebrate succession from Georgia: zoogeographical and paleoecological implications

Authors: Bukhsianidze, M., Kahlke, D., Giladze, G., **Martínez-Navarro, B.**, Rook, L., Tappen, M., Lordkipanidze, D.

Oral presentation: Dmanisi large mammal assemblage

Authors: **Sala R.**, Benito, A., Harichane, Z., **Chacón, M.G.**, Amara, A.

Oral presentation: A Middle Pleistocene human occupation of an ancient humid basin close to the Chotts Region (N'Gaous, Algeria)

Authors: **Martínez-Navarro, B.**, **Carbonell, E.**, **Medin, T.**, Oms, O., **Rodríguez-Álvarez, X.P.**, Ros-Montoya, S., Araia, D., Tsehaie, L., Libsekal, Y.

Poster: The Plio-Pleistocene record from the Engel Ela basin (Danakil Desert, Eritrea): Geology, Paleontology and Archaeology

### 1st International Meeting of Early-stage Researchers in Palaeontology - XIV Encuentro de Jóvenes Investigadores en Paleontología

Venue: Alpuente, València, Spain

Date: 24<sup>th</sup>-26<sup>th</sup> September

Organizers: Manzanares, E., Ferrón, H.G., Suñer, M., Holgado, B., Crespo, V.D., Mansino, S., Fagoaga, A., Marquina, R., García-Sanz, I., Martínez-Pérez, C., Joanes-Rosés, M., Cascales-Miñana, B., Marin-Monfort, M.D.

Authors: **Piñero, P.**, **Agustí, J.**, Oms, O., Ros-Montoya, S., Jiménez-Arenas, J. M., **Martínez-Navarro, B.**

Oral presentation: Rodent fauna from the Early Pliocene site of Baza-1 (Granada, Spain): new data on the biostratigraphy of the Guadix-Baza Basin.

Authors: **Rey-Rodríguez I.**, **López-García J.M.**, **Blain H.-A.**, Fernández-García M., **Rodríguez-Álvarez X.P.**, **Ollé A.**, **Bazgir B.**

Oral presentation: Paleontological data about the small-mammals assemblage from the Late Pleistocene of Kaldar Cave (Khorramabad valley, Iran).

Authors: **Bisbal-Chinesta, J.F.**, Martín Regueiras, A., Isern Atares, A., Garcia Marsà, J.A.

Poster: Rodents and locust infestations of the final Middle-Late Pleistocene transition from Montaña de Timbaiba (Lanzarote, Canary Islands)





Authors: Fagoaga, A., Ruiz-Sánchez, F.J., Marquina, R., Crespo, V.D., Laplana, C., Galván, B. & **Blain, H.-A.**

Poster: A modification of the quantitative palaeoclimatic reconstruction "MCR" method: Application to the Middle Palaeolithic site of El Salt (Alcoi, SE Spain).

**37<sup>th</sup> International Conference of the Association for Environmental Archaeology "Synthesis and Change in Palaeo-Environmental studies in the Mediterranean"**

Venue: American Academy of Rome, Rome, Italy

Date: 29<sup>th</sup> September -1<sup>st</sup> October

Organizers: Association for Environmental Archaeology

Authors: **Blain, H.-A.**

Oral presentation: Investigating the paleoecological context of the earliest hominin settlement in western Europe.

**Workshop "Current approaches and new directions in lithic analysis: defining, identifying and interpreting variability"**

Venue: McDonald Institute for Archaeological Research, Cambridge (UK)

Date: 29<sup>th</sup> September –1<sup>st</sup> October

Organizers: : McDonald Institute for Archaeological Research

Authors: **Chacón, M.G., Bargalló, A., Gómez De Soler, B., Romagnoli, F., Vaquero, V.**

Oral presentation: Technological behaviors from a spatio-temporal perspective: the interpretation of the lithic variability at the Abric Romani Middle Paleolithic site (Barcelona, Spain)

**XIV Congreso Luso-Español de Herpetología and XVIII Congreso Español de Herpetología**

Venue: Lleida, Lleida, Spain

Date: 5<sup>th</sup>-8<sup>th</sup> October

Organizers: Sanuy Castells, D., Llorente Cabrera, G.A., Montorí Faura, A., Desfilis Barceló, E., Oromí Farrús, N., Pujol Buxó, E., Bruna-Azara, C.

Authors: **Bisbal-Chinesta, J.F., Blain, H.A.**

Oral presentation: Changes in the distribution and composition of the Iberian herpetofauna over the last 40.000 years: views from the fossil record.

Authors: Martínez-Monzón, A., **Blain, H.-A.**, Rodríguez, M.A., Cuenca-Bescós, G.

Oral presentation: Evolution of body size in *Bufo calamita* (Amphibia, Anura) through the last million years at the Sierra de Atapuerca (Burgos, Spain).

Authors: **Blain, H.A., Bisbal-Chinesta, J.F., López-García, J.M.**, Bañuls-Cardona, S., Oms, F.X.

Poster: Amphibians and reptiles from the latest Pleistocene to the early Bronze Age of the Cova Colomera (Congost de Mont-rebei, PrePyrenean mountains of Lleida, NE Iberia).

Authors: **Bisbal-Chinesta, J.F.**, Garcia Marsà, J.A.

Poster: *The arrival of American species as sumptuous gifts between Hispanic and colonial elites: the case of the Valencia's Patriarch American crocodile (Crocodylus acutus) (17<sup>th</sup> century).*

**Neandertal Fire Technology Project 2015/16 – Working Group Meeting**

Venue: San Cristobal de La Laguna (Tenerife, España)

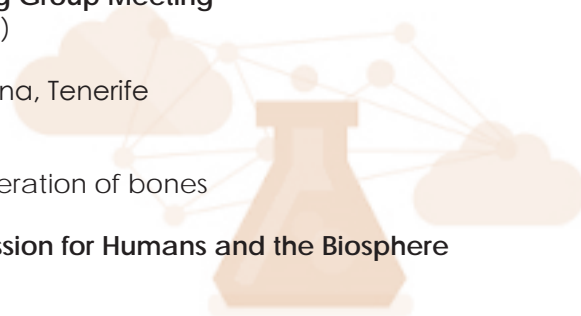
Date: 20-22<sup>th</sup> October

Organizers: Mallol, C., AMBI Lab, University of La Laguna, Tenerife

Authors: **Pérez Luis, L.J.**

Oral presentation: Spatial distribution and thermal alteration of bones

**International Union for Quaternary Research. Commission for Humans and the Biosphere**



## 2016

### (HABCOM)

Venue: Aarhus University, Denmark  
Date: 26-28th October  
Organizers: I NQUA

Authors: **Fernández-López de Pablo, J.**

Oral presentation: PALEODEM – Late Glacial and Postglacial Population History and Cultural Transmission in Iberia. Workshop Project 1404. Cultural and Palaeoenvironmental Changes in Late Glacial to Middle Holocene Europe- Gradual or sudden?

### European Society for the Study of the Human Evolution. 6th Annual ESHE Meeting

Venue: Alcalá de Henares, Madrid, Spain  
Date: 14<sup>th</sup>-18<sup>th</sup> November  
Organizers: Museo Arqueológico regional de Alcalá de Henares

Authors: Aredo, T.G., Asrat, A., **Martínez-Navarro, B.**, Ekshtain, R., Hovers, E.

Oral presentation: The Newly Discoverd Early Stone Age site of Melka Wakena, Ethiopia

Authors: Baquedano, E.; Arsuaga, J.L.; Pérez-González, A.; Márquez, B.; Laplana, C.; Ortega, M.C.; **Huguet, R.**; Poza, E.M.; Rodríguez, L.; Alonso, J.I.; Ortega, A.I.; Galindo-Pellicena, M.A.; García, N.; Álvarez-Lao, D.

Oral presentation: The Des-Cubierta Cave (Pinilla del Valle, Comunidad de Madrid, Spain): a Neanderthal site with a likely funerary/ritualistic connection.

Authors: **García-Medrano, P.**, Ollé, A., Ashton, N., Robert, M.B.

Oral presentation: The Mental Template: Middle Pleistocene handaxe shaping strategies

Authors: **Martínez-Navarro, B.**, Carbonell, E., Medin, T., Oms, O., **Rodríguez-Álvarez, X.P.**, Ros-Montoya, S., Araia, D., Tsheue, L., Libsekal, Y.

Oral presentation: The Engel Ela-Ramud Basin: a new Plio-Pleistocene archeo-paleontological site in Eritrea

Authors: **Morales, J.I.**; Tejero, J.M.; Cebrià, A.; **Rodríguez Hidalgo, A.**; **Soto, M.**; **Vallverdú, J.**; **Saladié, P.**; **Allué, E.**; **García Argudo, G.**; **Fernández Marchena, J.L.**; **López García, J.M.**

Oral presentation: A Southern snapshot of the Middle-to- Upper Paleolithic transition: Foradada Cave (Calafell, Tarragona, Spain)

Authors: **Rodríguez-Hidalgo, A.**, **Saladié, P.**, Arsuaga, J.L., Bermúdez de Castro, J.M., **Carbonell, E.**,

Oral presentation: Hunting, butchering, carrying and sharing along the Gran Dolina sequence: The ancient origin of the modern subsistence dynamics.

Authors: **Romagnoli, F.**, **Vaquero, M.**

Oral presentation: *There's no place like home! Investigating Neanderthal socio-economic behaviour in intra-site activity areas and housing space.*

Authors: Talamo, S., Hajdinjak, M., Mannino, M.A., Fasani, L., Welker, F., Martini, F., **Romagnoli, F.**, Zorzin, R., Meyer, M., Hublin, J.-J.

Oral presentation: Filling the chronological gap of Monti Lessini (Italy). The 14C chronology of the "sister sites" of Riparo Mezzena and Riparo Zampieri.

Authors: **Fernández Marchena, J. L.**, García-Argudo Ripoll, G., Mangado Llach, X., Sánchez de la Torre, M., Mas, B., Fullola, J. M.

Poster: Crossing the Pyrenees. Material evidences of symbolic behaviour of LGM human groups in a stop along the way.

Authors: Laplana, C., Arsuaga, J.L. Baquedano, E., Pérez-González, A., Arriaza, M.C., Galindo-Pellicena, M.Á., Márquez, B., García, N., Álvarez-Lao, D., Ruiz-Zapata, M.B., Gil-García, M.J., Ortega, A.I., Sevilla, P., **Blain, H.-A.**

Poster: Buena Pinta Cave: Neanderthals in a mountain environment in central Spain



during MIS3.

Authors: **Marín, J., Saladié, P., Rodríguez-Hidalgo, A.**

Poster: Ungulate carcass transport strategies at the Middle Palaeolithic site of Abric Romaní (Capellades, Spain).

Authors: Márquez, B., Baquedano, E., Pérez-González, A., Laplana, C., **Huguet, R.**, García, N., Álvarez-Lao, D., Espinosa, J.A., Arsuaga, J.L.

Oral Presentation: The Navalmaíllo Rock Shelter (Pinilla del Valle, Madrid, Spain). A Neanderthal Camp at the Centre of the Iberian Peninsula.

Authors: Quam, R., Martínez, I. Rosa, M., Bonmatí, A., **Lorenzo, C.**, de Ruiter, D.J., Moggi-Cecchi, J., Valverde, M.C., Jarabo, P., Menter, C., Thackeray, J.F., Arsuaga, J.L.

Oral presentation: Early hominin auditory capacities

Authors: Arsuaga, J.L., Gómez-Olivencia, A., Bonmatí, A., Pablos, A., Martínez-Pillado, V., Lira, J., Alcázar de Velasco, A., Pantoja, A., Sala, N., Ortega, A.I., Cuenca-Bescós, G., García, N., Aranburu, A., Ruiz-Zapata, M.B., Gil-García, M.J., **Rodríguez-Álvarez, X.P., Ollé, A., Mosquera, M.**

Poster: Neandertals at Atapuerca: the MIS3 Galería de las Estatuas site.

Authors: Espigares, M.P., Palmqvist, P., Ros-Montoya, S., Jiménez-Arenas, J.M., **Menéndez, L., Sala, R., Martínez-Navarro, B.**

Poster: Early Pleistocene hominins in Europe: the sites of Barranco León and Fuente Nueva-3 (Orce, Spain)

Authors: García-Martínez, D., Bastir, M., **Huguet, R.**, Estalrich, A., García-Taberner, A., Cunha, E., Rasilla de la, M., Rosas, A.

Poster: Positional rib assessment of the adult costal remains from the El Sidrón Neandertal site (49000 y/o, Asturias, northern Spain)

Authors: **López-Polín, L.**, Bermúdez de Castro, J.M., **Carbonell, E., Rosell, J.**

Poster: The preparation of two hominin scapulas from the TD6 unit at the Gran Dolina site (Sierra de Atapuerca, Spain)

Authors: **Ollé, A., Mosquera, M.**

Poster: Functional analysis of the Acheulian assemblages from the Áridos elephant butchery sites (Madrid, Spain)

Authors: Ríos, L., Rosas, A., Estalrich, A., García-Taberner, **Huguet, R.**, Pastor, F., Rasilla de la, M.

Poster: Congenital conditions in Neandertal remains from El Sidrón (Asturias, Spain)

Authors: Sevilla, P., Laplana, C., **Blain, H.-A.**, Arsuaga, J.L. Baquedano, E. & Pérez-González, A.

Poster: The exceptional microvertebrate record of the Calvero de la Higuera sites (Pinilla del Valle, Spanish Central System): a key to understanding the natural environment of Neanderthals in central Iberia.

### **Society of Vertebrate Paleontology 76th Annual Meeting**

Venue: Salt Lake City, USA

Date: 26-29th October

Authors: Semperebon, G., **Rivals, F.**, Prignano, L., **Lozano, S.**

Poster: A new approach for estimating the relative duration of mortality events of large hunted game at archaeological sites using enamel microwear

**Seminar "Paleoecology and Paleoanthropology, common research programs between**



# 2016

## **MNHN/URV/IPHES"**

Venue: IPHES, Tarragona

Date: 21-25th November 2016

Organizers: **Lorenzo, C., Sala, R.,** Grimaud-Hervé, F.

Authors: **Lozano, M.**

Oral Presentation: Dental Anthropology: A state of the Art

Authors: **Ollé, A., Pederagnana, A.**

Oral presentation: Functional studies on stone tools. The history of collaboration between MNHN/URV/IPHES.

Authors: **Piñero, P**

Oral presentation: Personal experience in research

Authors: **Rufà, A.**

Oral presentation: An early research career in "Palaeoecology and Palaeoanthropology, common research programs between MNHN/URV/IPHES"

## **Échanges transdisciplinaires sur les constructions en terre crue, 4.**

Venue: Lattes, France

Date: 23-25th November

Organizers: CRAterre

Authors: **Gómez-Puche, M.**

Oral presentation: La construction en torchis dans les gisements néolithiques de la Péninsule Ibérique: connaissances actuelles

Authors: **Gómez-Puche, M.**

Poster: Structures de cuisson et mobilier en terre crue, dans les gisements néolithiques de la Péninsule Ibérique: limitations et connaissances actuelles

## **II Seminari Internacional 'La conservació i restauració en l'arqueologia: una eina per a la recerca i la divulgació**

Venue: Tarragona, Spain

Date: 2nd December

Organizers: Institut Català d'Arqueologia Clàssica (ICAC),

Authors: **López-Polín, L.**

Oral presentation: La restauració als jaciments: diferents necessitats, diferents models de col·laboració

## **TOPOI Conference "Bridging Social and Geographical Space through Networks"**

Venue: Berlin, Germany

Date: 2<sup>nd</sup>-4<sup>th</sup> December

Organizers: The Excellence Cluster TOPOI

Authors: Fulminante, F., Guidi, A., **Lozano, S,** Morer, I., Prignano, L.

Oral presentation: Why Rome and not Veii. Analysing Geographical Networks in Etruria and Latium between the Final Bronze Age and the Archaic Era.

## **Workshop Red Net4Society, International network of National Contact Points for the Societal Challenge 6 in Horizon 2020**

Venue: Viena, Austri

Date: 12th December

Organizers: FFG - Austrian Research Promotion Agency. European and International Programmes (EIP)



Authors: **Pastó, I.**  
 Oral presentation: Round Table-Discussion

## Short-term stays at other research centers

### National

Center: **CENIEH**  
 IPHES' member: **J. Agustí**  
 City: Burgos  
 Dates (start/ end): 20-23th January  
 Scientific purpose: Joint analysis between biostratigraphic and magnetostratigraphic data from Morocco

### International

Center: **Gibraltar Museum**  
 IPHES' member: **H.-A. Blain, J.M. López-García**  
 City: Gibraltar (UK)  
 Dates (start/ end): 1 week. April.  
 Scientific purpose: Study of amphibians and reptiles from Vanguard Cave

Center: **Institut Royal des Sciences Naturelles de Belgique**  
 IPHES' member: **H.-A. Blain, J.M. López-García, I. Lozano-Fernández**  
 City: Brussels (Belgium)  
 Dates (start/ end): 3 weeks. May  
 Scientific purpose: Beca Synthesys. Study of pleistocene amphibians and reptiles from IRSNB collections.

Center: **Institute of Archaeological Sciences (IAS) of the Eötvös Loránd University, Budapest, Hungary**  
 IPHES' member: **G. Chacón**  
 City: Budapest & Százhalombatta  
 Dates (start/ end): 29th March – 16th April  
 Scientific purpose:  
 1<sup>st</sup> week- March 29<sup>th</sup> to April 2<sup>nd</sup>: Participation in the 58th Annual Meeting of the Hugo Obermaier Society held in the Institute of Archaeological Sciences of the Eötvös Loránd University Budapest with an oral communication.  
 2<sup>nd</sup> week- April 4<sup>th</sup> to April 8<sup>th</sup>: 1. Use of the microscopy platform//laboratory for the use-wear analysis of our XXX department working with A. Borel and Z. Mester on the lithics tools from the Teixoneres Middle Paleolithic site (Barcelona, Spain). 2. Preparation of the instructional materials and participation in the introductory and orientation class for the course "Experimental archaeology, theory and practice".  
 3<sup>rd</sup> week- April 10<sup>th</sup> to April 16<sup>th</sup>: Teacher at the course "Experimental archaeology, theory and practice" (8h/day), Archaeological park of Százhalombatta.

Center: **UMR7194 - HNHP Département de Préhistoire, Muséum national d'Histoire naturelle**  
 IPHES' member: **G. Chacón**  
 City: Paris, France  
 Dates (start/ end): 3 months during 2016 (different dates)  
 Scientific purpose: Research and teaching

Center: **Department of Archaeology Ghent University (Belgium)**  
 IPHES' member: **J. Fernández López de Pablo**  
 City: Ghent  
 Dates (start/ end): 8-9th December



## 2016

Scientific purpose: Study site formation processes and fieldwork sampling strategies at Early Holocene open-air aeolian sites, within the context of the ERC-supported PALEODEM project.

Center: **Nanjing Normal University**

IPHES' member: **C. Lorenzo**

City: Nanjing, China

Dates (start/ end): 22th April-1st May

Scientific purpose: Scientific Seminar Participation

Center: **Universitas Indonesia / Sangiran Museum**

IPHES' member: **C. Lorenzo**

City: Yakarta, Sangiran, Indonesia

Dates (start/ end): 22-30th May

Scientific purpose: Seminar Participation and sites studies

Center: **National Museum of Eritrea**

IPHES' member: **B. Martínez Navarro, E. Carbonell**

City: Asmara (Eritrea)

Dates (start/ end): 14- 20th May

Scientific purpose: Study of Engel Ela-Ramud archaeological collections

Center: **Université de Bordeaux**

IPHES' member: **T.Medin**

City: Bordeaux, France

Dates (start/ end): 5-12th June

Scientific purpose: Research

Center: **School of Archaeological Sciences, University of Bradford**

IPHES' member: **A. Ollé, A.Pedergrana**

City: Bradford, UK

Dates (start/ end): 17-22th April

Scientific purpose: Use wear analysis of experimental quartzite tools using Laser Scanning Confocal Microscopy

Name: **Muséum National d'Histoire Naturelle (MNHN)**

IPHES' member: **L. Pérez**

City: Paris

Dates (inici/ final): 1st September- 30th November

Scientific purpose: PhD formation (Short Stays of the Statal Program FPU)

Center: **Università degli Studi di Ferrara**

IPHES' member: **A.Pineda**

City: Ferrara, Italy

Dates (start/ end): 1<sup>st</sup> February – 30<sup>th</sup> April

Scientific purpose: To analyze faunal material from the Early Middle Pleistocene site of Isernia La Pineda (Molise, Italy) as part of the Ph.D.

Center: **Staatliches Museum für Naturkunde Stuttgart**

IPHES' member: **F. Rivals**

City: Stuttgart, Germany

Dates (start/ end): 7-18th March

Scientific purpose: Sampling for the tooth microwear analysis of ungulates from Late Pleistocene sites from Bavaria. Funded by SYNTHESYS grant DE-TAF-5375.

Center: **Musée National de Préhistoire**

IPHES' member: **F. Rivals**

City: Eyzies-de-Tayac, France

Dates (start/ end): 25-26th May

Scientific purpose: Sampling for the tooth microwear analysis of the reindeer remains from





Verberie (France)

Center: **Muséum Requier**

IPHES' member: **F.Rivals, C. Sánchez-Hernández**

City: Avignon , France

Dates (start/ end): 30th May – 3rd June

Scientific purpose: Sampling for the tooth microwear analysis of ungulates from Late Pleistocene sites from Provence.

Center: **Institute of Archaeology, University College of London**

IPHES' member: **F. Romagnoli**

City: London, UK

Dates (start/ end): 07th January-25th March

Scientific purpose: Affiliate Academic.

Center: **Università degli Studi di Firenze**

IPHES' member: **F. Romagnoli**

City: Firenze, Italy

Dates (start/ end): 17-24th April

Scientific purpose: Invited researcher

Center: **Université de Toulouse 2**

IPHES' member: **F. Romagnoli**

City: Toulouse, France

Dates (start/ end): 03-05th May

Scientific purpose: Experimental butchery within a new, pilot research project

Center: **Masaryk University, Department of Prehistory and Protohistory of the Ancient Near East**

IPHES' member: **F. Romagnoli**

City: Brno, Czech Republic

Dates (start/ end): 28th November-09th December

Scientific purpose: Invited lecturer

Center: **Centre National de Recherches Préhistoriques Anthropologiques et Historiques d' Alger**

IPHES' member: **R.Sala**

City: Alger

Dates (start/ end): 24th October-11th November

Scientific purpose: Direction of the archaeological fieldworks in Batna, Algeria. Cooperative project with Centre National de Recherches Préhistoriques Anthropologiques et Historiques d' Alger

Center: **Stable Light Isotope Laboratory, Department of Archaeology, University of Cape Town, South-Africa**

IPHES' member: **Tornero, C.**

City: Cape Town, South-Africa

Dates (start/ end): 01st August - 31st December

Scientific purpose: Grant José Castillejos (nº: CAS16/00289) grant from the Ministry of Education, Culture and Sport (Medc), Spanish Government.

- Training in TIMS-MS equipments to obtain reliable measures of strontium ratios ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) in tooth enamel samples of fossil fauna.

- Obtention of  $^{87}\text{Sr}/^{86}\text{Sr}$  measures in archaeological collections from *Cervus elaphus* and *Ursus speleus*, Late Paleolithic sites in Southern-Europe

- Training in Gas-Bench/MS equipments and sampling preparation of bioapatite samples to obtain  $\delta^{18}\text{O}$  &  $\delta^{13}\text{O}$ . Improvement of methodologies and software (Isodat\_Adquisition) in coupled auto-sampler units

- Obtention of  $\delta^{18}\text{O}$  &  $\delta^{13}\text{O}$  values in bioapatite tooth enamel samples of modern *Cervus elaphus* from Natural Reserve of Valdemana (Leon, Spain) to conform a reference data-set for Iberian Peninsula.

## 2016

- Obtention of  $\delta^{18}\text{O}$  &  $\delta^{13}\text{C}$  values in bioapatite tooth enamel samples of archaeological samples of *Cervus elaphus* from Teixoneres cave (Middle Paleolithic; Catalonia; IP: Florent Rivals/Jordi Rosell)
- Obtention of  $\delta^{18}\text{O}$  &  $\delta^{13}\text{C}$  values in bioapatite tooth enamel samples of archaeological samples of *Ovis aries* from El Mirador cave (Atapuerca complex, Neolithic levels; IP: J.-M. Vergès/Patricia Martín, IPHES).
- Obtention of  $\delta^{18}\text{O}$  &  $\delta^{13}\text{C}$  values in bioapatite tooth enamel samples of archaeological samples of Bisons p. from TD10 levels (Atapuerca complex, IP: Antonio Rodríguez/Palmira Saladie, IPHES).

Center: **Istanbul University, Department of Archaeology**

IPHES' member: **C. Tornero**

City: Istanbul, Turkey

Dates (start/ end): 01st-16th February

Scientific purpose:

- Sampling tooth-enamel samples of goitred gazelle specimens (*Gazella subgutturosa* sp.) hosted at the faunal collection of the Laboratory of Archaeology (Istanbul University, Turkey). These modern specimens proceed from the Ceylandpinar reserve (South-east Turkey).

- Provide sequential series of  $\delta^{18}\text{O}$  values to estimate season and seasonality of birth in archaeological specimens from the Middle Euphrates Valley (Syria).

Keywords: gazella, sequential isotope analyses, modern reference data-set, faunal collection.

Center: **Reneshaw Corp.**

IPHES' member: **J. Vallverdu**

City: Wotton under Edge, UK.

Dates (start/ end): 12-16th November

Scientific purpose: Raman Spectrometry training course





# Academy





## Degrees and Doctoral Programme

The IPHES is involved in all three stages of university studies (bachelor's, master's and doctorate) in collaboration with the Universitat Rovira i Virgili. IPHES researchers in teaching programmes adapted to the European Higher Education Area participate in the following degree courses:

- Bachelor's Degree in History (URV)
- Bachelor's Degree in Anthropology and Human Evolution (URV/UOC)
- Master's Degree in Quaternary Archaeology and Human Evolution (Erasmus Mundus)
- Doctoral Programme in Quaternary and Prehistory (Erasmus Mundus)

IPHES Academy Responsible: Dr. Carlos Lorenzo (carlos.lorenzo@urv.cat)



Campus Catalunya-www.urv.cat

### Degree in History (URV)

The bachelor's degree in History programme focuses on the twin goals of imparting the necessary knowledge and methods for the professionalization of students in the field of history, while ensuring that they acquire critical knowledge about the human past as a means to explain the present and understand past societies.

### Degree in Anthropology and Human Evolution (URV/UOC)

The bachelor's degree in Anthropology and Human Evolution programme is offered jointly by the Universitat Rovira i Virgili (URV) and Universitat Oberta de Catalunya (UOC). The programme is offered in two modalities: virtual or mixed (virtual and in-person classes). The virtual platform allows students to participate in the programme through the virtual campus of the UOC, while the mixed modality combines virtual classes with some in-person classes for subjects taught at the Campus Catalunya of the Universitat Rovira i Virgili.

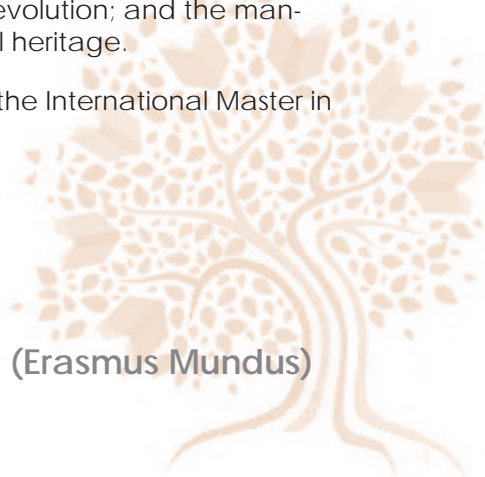
### Master's degree in Quaternary Archaeology and Human Evolution (Erasmus Mundus)

This master's degree programme is based on three main areas: research into human palaeoecology and prehistory, palaeoanthropology, geology and palaeontology of the Quaternary; archaeological intervention in this stage of evolution; and the management, conservation and dissemination of archaeological heritage.

The programme is part of an international group comprising the International Master in Quaternary and Prehistory (IMQP) consortium:

- University of Ferrara (Italy)
- Polytechnic Institute of Tomar (Portugal)
- University of Trás-os-Montes and Alto Douro (Portugal)
- National Museum of Natural History (Paris, France)

### Doctoral Program in Quaternary and Prehistory (Erasmus Mundus)





## 2016

The aim of this doctoral programme is to train doctors to conduct quality advanced research. To this end, the general objectives are the following:

- To incorporate doctoral students into a research group.
- To broaden students' skills so that they become specialized in the various research lines defined by the programme.
- To encourage students to undertake research projects using the methodology and scientific principles of their research line.
- To encourage the acquisition of general skills related to individual and group work, management of bibliographic databases, and the production of a doctoral thesis, etc.
- To write a doctoral thesis.

The doctoral programme is governed by an agreement between four university institutions, headed by the University of Ferrara. It aims for doctoral students to study at a minimum of three different institutions under a system of co-supervision, resulting in the award of a multiple degree. The universities participating in the programme are the following:

- University of Ferrara (Italy)
- University of Trás-os-Montes and Alto Douro (Portugal)
- National Museum of Natural History (Paris, France)

Research topics of the doctorate program:

- Lithic technology
- Zooarchaeology and Taphonomy
- Paleoanthropology
- Paleontology
- Geoarchaeology
- Evolution of the human behavior and cognition
- Molecular Archaeology
- Computer applications to Archeology
- Paleoenvironmental restitution
- Prehistoric Art
- Heritage dissemination
- Human Paleoecology



IPHES building-IPHES





## PhD thesis supervised and defended

Title: **Cambios heterocrónicos en la evolución cerebral humana y su implicación en la enfermedad de Alzheimer y otras enfermedades neurodegenerativas**

PhD student: Enric Bufill

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Història de l'Art

Date of presentation: March

Director/s: **J. Agustí** , R. Blesa

Title: **Early Pleistocene Ecological relations among omnivorous species: suids, ursids, cercopithecids and hominins**

PhD student: Tsegai Medin

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Història de l'Art

Date of presentation: 8th July

Director/s: **B.Martínez-Navarro**, L. Rook

Title: **Evolution of the Technical behaviours during the Late Pleistocene and Early Holocene in North- western Thailand, with special reference to the Lithic Industry from Tham Lod Rockshelter (District Pang Mapha, Mae Hong Son Province)**

PhD student: Thanon Chitkament

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Dept. Història i Prehistòria

Date of presentation: 21st October

Director/s: **R.Sala**

Title: **Hominin-carnivore interaction during the Pleistocene. Development of new methods for the study of human behavior through a transdisciplinary approach**

PhD student: Edgard Camarós

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Historia e Historia del Arte

Date of presentation: 12th January

Director/s: **F.Rivals**, **J.Rosell**

Title: **La captación, Selección y Gestión de Recursos Líticos en la Prehistoria: Una visión diacrónica del uso del territorio y sus recursos en el entorno de la Sierra de Atapuerca (Burgos) durante el Pleistoceno inferior y medio.**

PhD student: María Dolores García Anton

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Prehistòria

Date of presentation: 09th February

Director/s: **R.Sala**, **E. Carbonell**

Title: **Mecanismos cognitivos de aprendizaje Social en Chimpancés (*Pan troglodytes*): evaluación experimental a través de múltiples tareas**

PhD Student: David Riba Cano

University: Universitat Rovira i Virgili, Tarragona, Spain

Department:

Date of presentation: March

Director/s: M. Llorente, **M. Mosquera**

Title: **Metodología y criterios de restauración de restos óseos pleistocenos. El tratamiento de los fósiles humanos de TD6 (Gran Dolina, Sierra de Atapuerca)**

PhD student: Lucía López-Polín

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Història de l'Art

Date of presentation: 05th February

Director/s: **A. Ollé**





David Riba PhD Defense-IPHES

Title: **Potentiel fonctionnel des outils bifaciaux au Pléistocène moyen en contexte méditerranéen. Analyse de la structure et des macro-traces des séries bifaciales de la Cauce de l' Arago, Terra Amata, Orgnac 3 et du Lazaret**

PhD student: Cyril Viallet

University: Université de Perpignan Via Domitia

Department: Collège Doctoral du Languedoc - Roussillon

Date of presentation: 18th May

Director/s: **R. Sala**

Title: **Procedencia del Aprovisionamiento lítico durante el Paleolítico medio en el yacimiento del Abric Romaní (Capellades, Barcelona). Niveles M, Oa y P**

PhD student: Bruno Gómez de Soler

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Història de l'Art

Date of presentation: 23th February

Director/s: **J.Vallverdú, M. Vaquero**

Title: **Socialització del jaciment del Camp dels Ninots (Caldes de Malavella, Girona), patrimoni bé cultural d'interès nacional**

PhD student: Gerard Campeny Vall-Ilosera

University: Universitat Rovira i Virgili, Tarragona, Spain

Department: Història i Història de l'Art

Date of presentation: 24th February

Director/s: **I. Pastó Marín**



Title: **Tests et analyses (microscopiques et spectroscopiques) du comportement des produits consolidant sur l'os archéologique, et application sur le matériel osseux des gisements Plio-Pléistocènes de Camp dels Ninots, Sierra d'Atapuerca, et de Barranc de la Boella (Péninsule Ibérique).**

PhD student: Souhila Roubach  
University: Universitat Rovira i Virgili, Tarragona, Spain  
Department: Història i Història de l'Art  
Date of presentation: 29th January  
Director/s: **A. Ollé**



Bruno Gomez PhD Defense-IPHES

## Master Thesis supervised and defended

Title: **Aesthetics in primate paints. A comparative approach.**

Student: Daniela D'Amore

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 20th September

Director: **Dr. Marina Mosquera**

Title: **Análisis de cálculo dental humano de la cueva de El Mirador, Sierra de Atapuerca.**

Student: Ana M<sup>a</sup> Bucchi

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: September

Director/s: **M. Lozano, K. Hardy**

Title: **Anàlisi paleopatològica animal com a indicador de domesticació: avaluació de la hipoplasia dental a les primeres poblacions de suïds domèstics (8500-5000 cal ANE) Vall de l'Eufrates, Síria**

Student: Noemí Cabeza-Garcia

University: Universitat Autònoma de Barcelona, Spain

Date of presentation: 09th september

Director/s: **C. Tornero, M. Saña**



## 2016

Title: **Análisis tafonómico preliminar del Corte IV del yacimiento de Venta Micena (Orce, Granada, España)**

Student: Carmen Luzón González

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 16th september

Director/s: M. P. Espigares, J. M. Jiménez-Arenas, **B. Martínez**

Title: **Análisis zooarqueológico de los restos faunísticos del Tossal de la Roca**

Student: Cristina Gómez

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 20th September

Director/s: **R. Huguet**

Title: **Análisis zooarqueológico del nivel P del Abric Romani**

Student: Raquel Pérez Tenerio

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 21st september

Director/s: **P. Saladié**

Title: **Application of photogrammetric technics for morphometric studies in palaeontological big mammal's fossils**

Student: Francisco Javier Luengo Gutiérrez

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 21st September 2016

Director/s: **B. Martínez-Navarro, C. Lorenzo**

Title: **Application of use-wear analysis on lithic industry (Case study : Function of light-duty tools at Menez Dregan 1).**

Student: Jutinach Bowonsachoti

University: Museum National d'Histoire naturelle

Date of presentation: 09th September

Director/s: A. Borel, **A. Ollé**, C. Gaillard

Title: **Clasificación de restos corticales de la industria en cuarzo del yacimiento de Cova Eirós: una aproximación morfológica y volumétrica**

Student: Miguel A. Soares

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 19th September

Director/s: **J. Vallverdú**

Title: **Craniometric study and 3-D facial reconstruction of a chalcolithic skull from El Mirador cave (Sierra de Atapuerca, Burgos)**

Student: Lou-Octavia Mørch

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 21st September

Director/s: **C. Lorenzo**

Title: **Estudio arqueozoológico de las prácticas culinarias y de consumo y de sus cambios a inicios del Holoceno: Evaluación de los restos termoalterados del conjunto faunístico del Mesolítico y el Neolítico de la Bauma del Serrat del Pont (La Garrotxa)**

Student: Eloisa Ferratges Kwekel

University: Autonomous University of Barcelona

Date of presentation: 09th July

Director/s: **C. Tornero**, M. Saña

Title: **El papel de los mecanismos de transmisión social en las primeras fases de aprendizaje de método alternante: una aproximación experimental**

Student: Diego Lombao

University: Rovira i Virgili

Date of presentation: 19th September





Director/s: **J.M.Vergès, M. Mosquera**

Title: **Estudio de la gestión de los recursos animales, prácticas alimenticias y pastorales en el yacimiento protohistórico de El Turó de la Font de la Canya (Barcelona, España)**

Student: Sergio Jiménez Manchón

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: Juny

Director/s: **I. Cáceres, S. Valenzuela-Lamas**

Title: **Estudio tafonómico a través de la micro industria lítica en sílex del nivel 'D' del yacimiento de Barranco León (Orce, Granada)**

Student: Laura Cerezo

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 18th September

Director/s: **D. Barsky, R. Sala**

Title: **Estudio Tafonómico y Zooarqueológico del Nivel F de Navalmaillo Abrigo de Navalmaillo (Pinilla del Valle, Madrid)**

Student: Abel Moclán

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 12th September

Director/s: **R. Huguet**

Title: **Estudio y análisis antropológico de los restos esqueléticos postcraneales del yacimiento de La Cueva de El Mirador (Sierra de Atapuerca, Burgos, España)**

Student: Ester Montero Rodríguez

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 21st September

Director/s: **M. Lozano, C. Lorenzo**

Title: **Innovant en la gestió del Patrimoni. Poblet com a cas d'estudi**

Student: Josep Tortosa

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 12th September

Director/s: **I. Pastó, S. Lozano**

Title: **Investigating early introduction of sheep in the Iberian Peninsula: reconstructing seasonal reproductive patterns by sequential stable isotope analyses ( $\delta^{18}O$ ) of sheep specimens from cova de l'Avellaner (early Neolithic – Catalonia)**

Student: Sheila García-Reig

University: Autonomous University of Barcelona

Date of presentation: 09th July

Director/s: **C. Tornero, M. Saña**

Title: **La tecnología lítica del Magdaleniense Superior Finale la Cova de Les Borres (La Febró): estudio morfológico y definición de estrategias de explotación**

Student: José Ramón Rabuñal Gayo

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 14th September

Director/s: **Morales, J.I., Soto, M., Vallverdú, J.**

Title: **Las dunas fósiles de la Punta Replanells (Cabo Salou, Mediterráneo Occidental)**

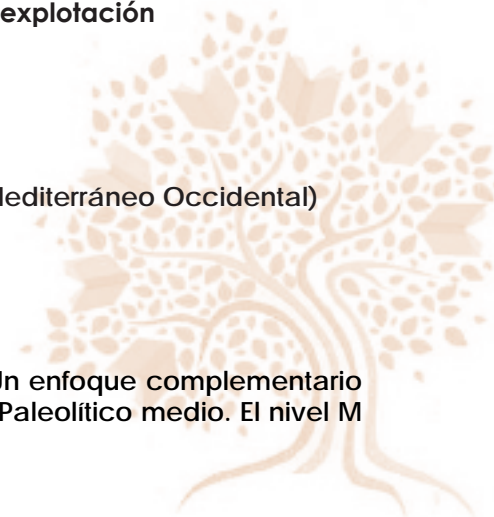
Student: Adrià Escuté

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: 14th September

Director/s: **Vallverdú, J.**

Title: **Microscopia digital, óptica y electrónica de barrido. Un enfoque complementario para el análisis de huellas de uso en industrias de sílex del Paleolítico medio. El nivel M del Abric Romaní (Capellades, Barcelona, España)**



## 2016

Student: Juan Ignacio Martin Viveros  
University: Universitat Rovira i Virgili, Tarragona, Spain  
Date of presentation: 20th September  
Director/s: **M.G. Chacón, A.Ollé**

Title: **Regla de Cope y patrones de variación del tamaño de Bufo calamita durante el Pleistoceno en la Sierra de Atapuerca**

Student: Almudena Martínez Monzón  
University: Facultad de Biología, Ciencias Ambientales **y Química**, Universidad de Alcalá  
Date of presentation: 20th July  
Director/s: **H.-A. Blain, M.A. Rodríguez**

Title: **Small Mammals from the level XIII of Bolomor Cave**

Student: Marcel Mezquita  
University: Universitat Rovira i Virgili, Tarragona, Spain  
Date of presentation: 19th September  
Director/s: **J. Agustí**

Title: **Traces d'utilisation et préférence manuelle : Etude des micro-fractures issues d'une expérimentation de sciage de bois en conditions contrôlées par des gauchers et des droitiers**

Student: Alice Rodriguez  
University: Muséum national d'Histoire naturelle (Paris, France)  
Date of presentation: 20th September  
Director/s: **M.G. Chacón, A.Borel, E. Pouydebat, R. Iovita**

Title: **The Macrotools in El Mirador Cave (Sierra de Atapuerca, Burgos). A technotypological and experimental approach**

Student: Eduy Urbina  
University: Rovira i Virgili  
Date of presentation: 20th September  
Director/s: **J. M. Vergès**



Master students lecture in Maçao-IPHES





## Participation in assessment Committees to evaluate PhD Thesis

Title: **Análisis funcional de utilaje sobre caliza del Nivel XII (MIS 6) de La Cova del Bolomor (Tavernes de la Vallidigna, Valencia). Estudio experimental y arqueológico**

Student: Laura Hortelano

University: Universitat de València

Date of presentation: 04th November

Director/s: V.Villaverde, P. Jardón, J.Fernández

Role in the Committee (President, secretary, regular member): **A. Ollé**- Secretary

Title: **Alrededor del fuego: Paisaje, clima y gestión de los recursos leñosos en grupos cazadores-recolectores durante el Paleolítico Medio (Alicante, España)**

Student: Paloma Vidal Matutano

University: Universitat de València, Facultat de Geografia i Història, Departament de Prehistòria i Arqueologia.

Date of presentation: 28th October

Director/s: E. Badal-García, I. Théry-Parisot

Role in the Committee (President, secretary, regular member): **F. Burjachs**-President.

Title: **Early Pleistocene ecological relations among omnivorous species: suids, ursids, cercopithecids and hominins**

Student: Tsegai Medin

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: July

Director/s: B.Martínez-Navarro, L. Rook

Role in the Committee (President, secretary, regular member): **C. Lorenzo**- Secretary

Title: **Evolution of the technical behaviours during the Late Pleistocene and Early Holocene in North-Western Thailand, with special reference to the lithic industry from Tham Lod rockshelter (District Pang Mapha, Mae Hong Son Province)**

Student: Thanon Chitkament

University: Departament d'Història i Història de l'Art. Universitat Rovira i Virgili. Tarragona, Spain

Date of presentation: 21st October

Director/s: R. Sala i Ramos, C. Gaillard

Role in the Committee (President, secretary, regular member): **Rodríguez, X.P.**- President, **M.G. Chacón, F. Romagnoli** - supply regular members

Title: **La captación, selección y gestión de recursos líticos en la Prehistoria: Una visión diacrónica del uso del territorio y sus recursos en el entorno de la Sierra de Atapuerca (Burgos) durante el Pleistoceno Inferior y Medio**

Student: María Dolores García-Antón Trassierra

University: Departament d'Història i Història de l'Art. Universitat Rovira i Virgili. Tarragona, Spain

Date of presentation: February 9th

Director/s: Robert Sala

Role in the Committee (President, secretary, regular member): **A. Ollé**- Secretary, **M.G. Chacón**-supply regular member

Title: **La Industria lítica musteriense del Abrigo de Navalmaillo (Pinilla del Valle, Madrid). Implicaciones tecnológicas y funcionales de un conjunto realizado en cuarzo**

Student: Belén Márquez Mora

University: Facultad de Filosofía y Letras. Universidad de Valladolid

Date of presentation: 15th December

Director/s: F. Díez Martín, C. Gutiérrez Sáez

Role in the Committee (President, secretary, regular member): **A. Ollé**-Secretary, **M.G. Chacón**-supply regular member



Title: **Mecanismos cognitivos de aprendizaje Social en Chimpancés (*Pan troglodytes*): evaluación experimental a través de múltiples tareas**

Student: David Riba Cano

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: March

Director/s: M. Llorente, M. Mosquera

Role in the Committee (President, secretary, regular member): **C. Lorenzo**- Secretary

Title: **Palaeoecological study of vegetation dynamics in the Neotropical Gran Sabana since the Late Glacial**

Student: Tania Marcela Ballesteros Larrota

University: Universitat de Barcelona, Facultat de Biologia.

Date of presentation: 08th February

Director/s: T. E. Vegas Villarubia, E. Montoya Romo

Role in the Committee (President, secretary, regular member): **F. Burjachs**- Regular Member

Title: **Palimpsestos, dinámicas de asentamiento y gestión de los recursos líticos durante el Paleolítico medio en la montaña alicantina (España)**

Student: Jorge Machado Gutiérrez

University: Universidad de La Laguna

Date of presentation: 10th January

Director/s: B. Galván, C. Hernández

Role in the Committee: **M. Vaquero** - regular member

Title: **Tests et analyses (microscopiques et spectroscopiques) du comportement des produits consolidant sur l'os archéologique, et application sur le matériel osseux des gisements Plio-Pléistocènes de Camp dels Ninots, Sierra d'Atapuerca, et de Barranc de la Boella**

Student: Souhila Roubach

University: Universitat Rovira i Virgili, Tarragona, Spain

Date of presentation: January

Director/s: A. Ollé

Role in the Committee (President, secretary, regular member): **H.A. Blain**-Secretary, **F. Romagnoli** -Supply Member

Title: **Un estudio neotafonomico de acumulaciones de huesos modificados por félidos y hiénidos: análisis de una madriguera actual en la Garganta de Olduvai (Tanzania)**

Student: Mari Carmen Arriaza Dorado

University: Universidad de Alcalá de Henares

Date of presentation: junio del 2016

Director/s: Manuel Dominguez-Rodrigo

Role in the Committee (President, secretary, regular member): **R. Huguet** - regular member





# Outreach





## Conferences & Talks

### Catalonia

**Cicle "Converses sobre el passat mirant al futur Vespres de ciència amb l'IPHES".**

Organizer: IPHES-CaixaForum Tarragona.

City: Tarragona

**El clima sempre ha anat canviant i ens n'hem sortit!**

**F. Burjachs, J. Sigró, J. Suñé.**

Date: 26th October

**Així, l'home de neandertal ja ho feia? Del reciclatge del sílex al del diòxid de carboni.**

**F. Romagnoli, A. Moragas, J. Suñé**

Date: 09th November

**Les societats en xarxa: del foc a internet**

**C. S. Bellmunt, E. Carbonell, J. Suñé**

Date: 16th November

**La tecnologia ens va fer humans, però ara ens està deshumanitzant**

**M. Mosquera, J. Ferrer, J. Suñé**

Date: 1st December



CaixaForum Science Talks-IPHES



# 2016

**La Cueva del Sidrón (Piloña, Asturias): un jaciment excepcional del paleolític mitjà europeu**

**R. Huguet**

Organizer: Universitat de Girona

City: Girona

Date: 1st February

**La Ciutat Intel·ligent com a escenari de la Internet de les Coses (IoT)**

**S. Lozano**

Organizer: IES Baix Camp

City: Reus, Tarragona

Date: 18th February

**Humans, cap on anem?**

**E. Carbonell**

Organizer: Crèdit Andorra

City: Andorra La Vella

Date: 24th February

**El geni culinari**

**E. Carbonell, F. Adrià**

Organizer: Museu Nacional d'Arqueologia de Catalunya

City: Barcelona

Date: 31th March

**Smart Cities, Smart Heritage: Propostes des de Tarragona**

S. Castellà, **S. Lozano**

Organizer: Grup d'Arqueologia Pública i Patrimoni (GAPP)

City: Barcelona

Date: 4th May

**¿Nuevas respuestas a viejos problemas? Una aproximación al comportamiento neandertal desde el noreste peninsular**

**M. Vaquero**

Organizer: Universidad de Alicante

City: Alicante, Comunitat Valenciana

Date: 5th May

**Visiting the Archaeobotanical laboratory**

**I. Expósito**

Organizer: IPHES

City: Tarragona

Date: 10th-18th-23rd May

**Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.**

**J.M. Vergès, A. Ollé**

Organizer: IPHES-Ajuntament de la Riba

City: La Riba

Date: 17th May

Organization of the commemorative program: **10 anys de treballs al jaciment del Barranc de la Boella. La Canonja.**

Organizer: IPHES-Ajuntament de la Canonja

City: La Canonja, Tarragona

Date: 20<sup>th</sup> May







Prehistoric populament at Francolí, Gaià and Siurana basins exposition- IPHES

**L'art mòble paleolític del jaciment del Molí del Salt (Vimbodí i Poblet)**

**M. Vaquero**

Organizer: Reial Societat Arqueològica Tarraconense

City: Tarragona

Date: 7th April

**10 anys de treballs al jaciment del Barranc de la Boella**

Organizer: IPHES-Ajuntament de la Canonja

City: Tarragona

Date: 20th May

**El perquè dels centres d'Interpretació.** In charge of Jaume Salvat, (Facultat de Geografia, URV)

**El jaciment del Pleistocè inferior final del Barranc de la Boella: efectes de la dinàmica glacial-interglacial sobre les comunitats de grans mamífers europeus.** In charge of Joan Madurell (Institut Català de Paleontologia Miquel Crusafont).

**Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**

**J.M. Vergès**

Organization: IPHES-Institut d'Estudis Vallencs

City: Valls

Date: 3rd June

**L'Era de l'Antropocè**

**R. Sala**

Organizer: Ateneu Barcelonès

City: Barcelona

Date: 28th June

**Desenvolupament de projectes a partir de la protecció del patrimoni arqueològic del Parc Natural de les capçaleres del riu Ter i del Fresser**  
**E. Carbonell**



## 2016

City: Ribes de Freser, Girona

Date: 05th August

### **Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**

**J.M. Vergès**

Organization: IPHES-Ajuntament de Mont-ral

City: Mont-ral, Tarragona

Date: 19th August

### **Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**

**J.M. Vergès**

Organization: IPHES-Ajuntament de Mont-ral

City: Farena, Tarragona

Date: 26th August

### **Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**

**J.M. Vergès**

Organization: IPHES-Ajuntament del Catllar

City: El Catllar

Date: 17th September

### **L'arqueologia prehistòrica al Barranc de la Boella.**

**P. Saladié, J. Vallverdú**

Organizer: V Trobada de Centres d'Estudis del Camp de Tarragona, la Conca de Barberà i el Priorat

City: La Canonja, Tarragona

Date: 15th October

### **Recerca arqueològica i compromís amb el territori: un exemple de la Conca de Barberà.**

**M. Vaquero**

Organizer: V Trobada de Centres d'Estudis del Camp de Tarragona, la Conca de Barberà i el Priorat

City: La Canonja

Date: 15th October

### **Les excavacions al Molí del Salt (Vimbodí i Poblet, Conca de Barberà) i l'art paleolític a Catalunya**

**M. Vaquero**

Organizer: Universitat de Girona

City: Girona

Date: 27th October

### **Las primeras herramientas y su salida de África**

**E. Carbonell**

Organizer: Cosmocaixa

City: Barcelona

Date: 29th October

### **Las faunas africanas que acompañaron a los homínidos**

**J. Agustí, B. Martínez, J. Van der Made, E. Baquedano**

Organizer: Universidad de Alcalá-CosmoCaixa

City: Barcelona

Date: 29th October

### **Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià,**



**Siurana i rieres del Camp de Tarragona**

**J.M. Vergès**

Organization: IPHES-INS Berenguer d'Entença

City: Vandellós-Hospitalet

Date: 14th November

**Els humans de fa 430.000 anys**

**M. Lozano**

Organization: Institut Campclar

City: Tarragona

Date: November

**Qui va colonitzar Europa i quan?**

**J.M. Vergès**

Organization: Entitat Municipal Descentralitzada de Campredó

City: Campredó, Baix Ebre

Date: 11th November

**L'ofici d'Arqueobotànic**

**F. Burjachs**

Organizer: Fundació Catalana per a la Recerca i la Innovació (FCRI). "Dia de la Ciència a les Escoles 2016 – La ciència en primera persona". 21a Setmana de la Ciència.

City: Valls, Tarragona

Date: 16<sup>th</sup> November

**Orce: un spa per a mamuts, homínids i hienes**

**B. Martínez-Navarro**

Organizer: Dia de la ciència a les escoles 2016 Fundació Catalana per a la Recerca

City: Sta. Coloma Gramenet

Date: 16th November

**Virtual paleoanthropology, new research topics for human evolution**

**C. Lorenzo**

Organizer: MNHN/URV/IPHES

City: Tarragona

Date: 23rd November

**Els Grans Carnívors de l'última glaciació al Baix Penedès: Una finestra al passat des de la Cova Foradada**

**Rodríguez-Hidalgo, A., Morales, J.I., Cebrià, A.**

Organizer: Amics del Patrimoni de Calafell

City: Calafell, Barcelona

Date: 2nd December

**Hands and feet evolution in primates and hominids**

**C. Lorenzo**

Institution: Universitat de Girona

Degree: Master

Location: Girona

**National**

**Atapuerca, conocimiento y patrimonio de la evolución humana**

**E. Carbonell**

Organizer: Fórum Evolución



## 2016

City: Burgos

Date: 18th February

**En busca de nuestros orígenes: los primeros pobladores de Europa**

**B. Martínez-Navarro**

Organizer: IES José de Mora

City: Baza, Granada

Date: 4th March

**Evolución Humana**

**R. Huguet, A. Rosas**

Organizer: Asociación Contigo

City: Noreña, Asturias

Date: 4th March

**Origen y evolución de los neandertales**

**C. Lorenzo**

Organizer: Ayuntamiento de Lucena

City: Lucena, Córdoba

Date: 16th April

**Orce y la primera colonización humana de Europa**

**B. Martínez-Navarro**

Organizer: Facultad de Ciencias, Universidad de Málaga

City: Lucena, Córdoba

Date: 4th May

**¿Y eso para qué sirve? La contribución de los estudios del registro faunístico al conocimiento de las conductas y contexto ambiental de los Neandertales.**

**L.J. Pérez Luis, A. Fagoaga Moreno**

Organization: *I Jornadas de Estudios Neandertales*, Universidad de Alicante – ArqueUA.

City: Alicante, Comunitat Valenciana

Date: 5th May

**Rebaños, estiércol y pastores: escenas de los tiempos en que las cuevas ardían.**

**J.M. Vergès**

Organization: Fundación Atapuerca- Residencia Gil de Siloé

City: Burgos

Date: 07th July

**El proyecto arqueo-paleontológico de Engel Ela-Ramud (Depresión de Danakil, Eritrea)**

**X.P. Rodríguez-Álvarez**

Organization: Fundación Atapuerca

City: Burgos

Date: 16th July

**Semana de la Dama de Baza (Baza, Granada). El yacimiento paleontológico de Baza 1**

S. Ros-Montoya, J. M. Jiménez-Arenas, **B. Martínez-Navarro**

Organizer: Museo Arqueológico de Baza.

City: Baza, Granada

Date: 18th July

**En busca de los orígenes de la humanidad; El proyecto arqueo-paleontológico de Eritrea-Valle del Rift**

**X.P. Rodríguez-Álvarez**

Organization: Concello de Triacastela

City: Triacastela (Lugo)

Date: 11th August



**Las herramientas de los pobladores paleolíticos de Atapuerca**

**X.P. Rodríguez-Álvarez**

Organization: UNED

City: Tudela (Navarra)

Date: 30th September

**La Sierra de Quibas hace un millón de años: buscando el ecosistema de los primeros humanos**

**P. Piñero, J. Agustí, A. Rosas**

Organizer: Ayuntamiento de Abanilla

City: Abanilla, Murcia

Date: 7th October

**Foro Enciende el Cosmos**

**J. Agustí, E. Carbonell, J. Wagensberg**

Organizer: CajaCanarias

City: Tenerife

Date: 12th October

**Evolución Humana**

**E. Carbonell**

Organizer: Fundación Caja Canarias

City: Tenerife

Date: 13th October

**Importancia de la paleontología. El yacimiento de Quibas (Abanilla, Murcia)**

**P. Piñero**

Organizer: I. E. S. Europa

City: Águilas, Murcia

Date: 14th October

**Atapuerca, conocimiento y patrimonio de la evolución humana**

**E. Carbonell**

Organizer: Ateneo de Mahon

City: Menorca

Date: 21st October

**Estudio arqueológico y paleontológico del Plio-Pleistoceno de la Cuenca de Engel Ela, Depresión de Danakil, Eritrea**

**B. Martínez Navarro**

Organizer: La Arqueología Española en el Exterior/Museo Arqueológico Nacional

City: Madrid

Date: 25th October

**Atapuerca, conocimiento y patrimonio de la evolución humana**

**E. Carbonell**

Organizer: ARPA, Junta de Castilla y León

City: Valladolid

Date: 11th November

## International

**Interdisciplinarity in a Quaternary and Prehistory School**

**C. Lorenzo**

Organizer: Nanjing Normal University

City: Nanjing, China



# 2016

Date: 28th April

## **The Erasmus Mundus on Quaternary and Prehistory: Some ideas for an assessment**

**R. Sala**, M. Arzarello, **C. Lorenzo**, P. Rosina

Organizer: Nanjing Normal University

City: Nanjing, China

Date: 28th April

## **The Late Pleistocene from Marie Jeanne cave in Hastière (Belgium) : Revision of its small-vertebrate content... 2. Amphibians and reptiles**

**H.-A. Blain**

Organizer: Institut Royal des Sciences Naturelles de Belgique

City: Bruxelles, Belgium

Date: 12th May

## **Orce and Atapuerca: two main sites about human evolution in Spain**

**B. Martínez-Navarro**, **C. Lorenzo**

Organizer: Universitas Indonesia

City: Yakarta (Indonesia)

Date: 24th May

## **Early Pleistocene Ecological relations among omnivorous species: suids, ursids, cercopithecids and hominins**

**T. Medin**

Organizer: Eritrean Institute of Higher Education

City: Asmara, Eritrea

Date: 20th-21st July

## **A diachronic view of subsitences and food sharing during the European Paleolithic**

**N. Conard**, **A. Rodríguez-Hidalgo**, **Starkovich**, **B.**

Organizer: The McDonald Insitute fro Archaeological Research

City: Cambridge, United Kingdom

Date: 20th-21st September

## **Dopo Lucy. L'Etiopia racconta la storia dell'umanità**

**F. Romagnoli**

Organization: Polo Universitario Asti Studi Superiori

City: Asti, Italy

Date: 26th November

## **Investigating the paleoecological context of the earliest hominin settlement in Western Europe**

**H.-A. Blain**

Organizer: Institut für Naturwissenschaftliche Archäologie, Universität Tübingen,

Senckenberg Center for Human Evolution and Paleoenvironment (HEP)

City: Tübingen, Germany

Date: 5th December

## Outreach Publications

Martini,F., Sarti, L., Arrighetti, A., **Romagnoli, F.** 2016. *Grotta del Cavallo. Fra Neanderthal e Homo sapiens*. Giunti Editore. Archeologia Viva 175: 16-27.

**Romagnoli, F.** 2016. Credits en Arqueologia & Historia vol. 7, *Neandertales*. Desperta Ferro Ediciones.





**Romagnoli, F.** 2016. Credits in "Čas neandertálců / Time of Neanderthals" by Petr Neruda, Moravské Zemské Muzeum, Brno 2016.

**Carbonell, E, Bellmunt, C.S.** PALEO recetas. La dieta de nuestros orígenes para una vida saludable. Timun Mas. / PALEO receptes. La dieta dels nostres orígens per a una dieta saludable. Cossetània edicions.

**Carbonell, E, Bayés, P.** 2016. *L'aventura de la vida*. La història de l'evolució humana. La Galera. *La aventura de la vida*. La historia de la evolución humana. La Galera.

## Science education. No formal education

Programme: **Aprofundiments-URV**

Organizer: URV

Degree: High school teacher

Location: Tarragona

Dates: 4th-8th July

Programme: **Campus científico de la FECYT**

Organizer: FECYT-URV

Degree: High school

Location: Tarragona

Dates: 4th-29th July

Programme: **IPHES a les escoles 2016**

Organizer: IPHES

Degree: 5th primary

Location: Escola Salicrú, Calella

Dates: 21st January

Location: Escola La Minerva, Calella

Dates: 21st January

Location: Escola Freta, Calella

Dates: 22nd January

Location: Escola Pia, Calella

Dates: 25th January

Location: Escola Les Muralles, Montblanc

Dates: 29th January

Location: Escola la Canonja, La Canonja

Dates: 11th May/ 21st December

Location: Escola Pia, Moià

Dates: 18th March/ 11th April

Location: Escola El Casal, Castellar del Vallès

Dates: 15th December

Location: Escola Abel Ferrater, La Selva del Camp

Dates: 2nd June

Location: INS Campclar, Tarragona



# 2016

Dates: 16th November



IPHES a les escoles 2016-IPHES

Programme: **IPHES Integra**

Organizer: IPHES

Degree: Access to secondary school education for adults

Location: Centre de Formació Permanent Francesc Grau i Viader (Calella)

Dates: 12th February

Location: Escola Mediterrani (Tarragona))

Dates: 15th February

Location: EspaiCaixa (Moià)

Dates: 14th May

Programme: **Les Escoles a l'IPHES 2016**

Organizer: IPHES

Degree: primary, ESO and bachelor's

Location: Associació Submarí Lila, El Milà

Dates: 19th January

Location: INS Martí i Franquès, Tarragona

Dates: 10th, 16th, 24th February / 8th,9th,16th November

Location: Escola Pràctiques, Tarragona

Dates: 13th, 15th April/ 20th, 21st October



**Talk – workshop “La Prehistòria”**

Organizer: Escola Abel Ferrater  
Degree: Primary school (5<sup>th</sup> course)  
Location: La Selva del Camp (Tarragona)  
Dates: 02nd May

**Programme: Fit for work in Europe.**

Organizer: INS Camp Clar-IPHES  
Degree: High School  
Location: IPHES  
Dates: 08th November



Les Escoles a l'IPHES 2016-IPHES

## Management of Exhibitions

Exhibition: **Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona**  
Organizer: IPHES

Location: Museu Salvador Vilaseca (Reus)  
Dates: 1st January - 14th April

Location: Llar de jubilats (La Riba)  
Dates: 17th May-1st June

Location: Hospital de Sant Roc (La Riba)  
Dates: 3rd -19th June

Location: Casa de Cultura (Mont-ral)



## 2016

Dates: 19th-26th June

Location: Casa de Cultura (Mont-ral)

Dates: 19th-26th June

Location: Centre Cultural (El Catllar)

Dates: 17th September-2nd October

Location: INS Berenguer d'Entença (Hospitalet de l'Infant i Vandellós)

Dates: 14th-25th November

Exhibition: **Europa ara fa 1 milió d'anys**

Organizer: IPHES

Location: Museu Rafael Casanova (Moià)

Dates: 16th January-16th June

Organizer: Diputació de Tarragona-IPHES

Location: Centre de Documentació i Iniciatives Cal Català (El Perelló)

Dates: 28th June-31st August

Location: Casal Municipal (Prat de Comte)

Dates: 8th-14th October

Location: Museu Deu (El Vendrell)

Dates: 7th-28th November



Europa ara fa 1 milió d'anys-IPHES



Exhibition: **Darwin i l'Evolució**

Organizer: Diputació de Tarragona-IPHES

Location: Parc de la Cova de la Font Major (L'Espluga de Francolí)

Dates: 1st June-11th September

Location: Centre d'Interpretació d'art rupestre (Montblanc)  
Dates: 22th November-10th December

Location: Oficina de Turisme (La Canonja)  
Dates: 12th-23rd December

Exhibition: **Jordi Sabater Pi. Una vida dedicada a la recerca**  
Organizer: Diputació de Tarragona-IPHES

Location: Parc de la Cova de la Font Major (L'Espluga de Francolí)  
Dates: 10th October-20th November

## Participatory activities

**Demostració Homes i pedres: les eines a la prehistòria**  
Organizer: IPHES-Ajuntament de la Riba  
City: La Riba (Tarragona)  
Date: 21st May

**Demostració Homes i pedres: les eines a la prehistòria**  
Organizer: IPHES\_ Institut d'Estudis Vallencs  
City: Valls (Tarragona)  
Date: 16th June

**Saló de l'Ensenyament**  
Organizer: Ajuntament de Barcelona  
Location: Recinte Firal Montjuic (Barcelona)  
Dates: 12th-13th March

**Més de dos milions i mig d'anys fabricant eines de pedra**  
Organizer: IPHES-URV. 21 setmana de la Ciència  
City: Tortosa, Tarragona  
Date: 18th November

**Tarraco Viva 2016**  
Organizer: Ajuntament de Tarragona  
Location: Camp de Mart (Tarragona)  
Dates: 27th- 29th May

**Festa de la Ciència, la tecnologia i la innovació 2016**  
Organizer: Ajuntament de Barcelona  
Location: Parc de la Ciutadella (Barcelona)  
Dates: 18th-19th June

**Visitant l'exposició "Europa ara fa 1 milió d'anys".**  
Organizer: IPHES/ Ajuntament de el Vendrell  
Location: Museu Deu (El Vendrell)  
Dates: 14th -21st November

## Didactic contents and materials

[www.evoluciona.org](http://www.evoluciona.org)



# 2016

Web page intended for enhancing the disclosure of key concepts related to human evolution, the progress of research projects and be a repository of educational materials and outreach programs for educational IPHES.

## Science communication

IPHES prepare newsletters and press releases which are disseminated through **three different broadcast channels**, using different languages (English, Spanish & Catalan), getting constant presence on the international, national and regional media and providing an interactive virtual space that encourage discussion and exchange of views.

### Mass media presence

Drafting **press releases** in English, Spanish and Catalan, which are disseminated to hundreds of media and communication agencies and journalists

**Television:** TV3 - Televisió de Catalunya, Canal 33, 324, TVE, Antena 3, Telecinco, TAC 12, Canal Reus TV, TeleMadrid...

**Radio:** Catalunya Ràdio, la Xarxa, Radio Intereconomía, Cadena COPE, Tarragona Ràdio, RAC 1, Cadena Ser, Onda Cero, Ser Andalucía, Radio Nacional de España, Ser Girona, Radio Granada, etc.

### News in national newspapers

El Mundo, Iberoamerica.net, Vilaweb, Ara, Punt Avui, la Vanguardia, Regió 7, Nació digital, Diari de Girona, el Periodico, Diari Público, Tribuna, Més Tarragona, Diari de Tarragona, El Economista, El País, NCYT, ABC, Diari de Tarragona, Regió 7, Més Tarragona, Diario de Navarra, La Mañana, El Norte de Castilla, La Razón, Diario de Burgos, Deia, Vilaweb, el Faro de Vigo, El economista, El diario Vasco, La información, etc

### News agencies

ACN, EFE, Europa Press, SINC, Universia...

### Revues

*Sapiens, National Geographic, Lifestyle, 20 minutos...*

### International Media

#### **The guardian**

<http://bit.ly/2fnAi7x>

#### **The New York Times**

<http://nyti.ms/2fqIS5s>

#### **Archaeology Magazine**

<http://bit.ly/2f637qL>

#### **ScienceDaily**

<http://bit.ly/2h5FR8E>

#### **UPI**





[http://www.upi.com/Science\\_News/2016/10/26/In-their-quest-for-pelts-humans-may-have-driven-cave-lions-to-extinction/5071477509136/](http://www.upi.com/Science_News/2016/10/26/In-their-quest-for-pelts-humans-may-have-driven-cave-lions-to-extinction/5071477509136/)

theguardian

## Prehistoric humans may have hunted cave lions to extinction, fossils indicate

Researchers believe they have found evidence that humans were skinning cave lions 16,000 years ago, and could have played a part in their extinction



An artist's impression of the extinct European cave lion. Illustration: Alamy Stock Photo

Nicola Davis

Wednesday 26 October 2016 19.00 BST

Image of the IPHES news at The Guardian

The New York Times | <https://nyti.ms/2dLBUDW>

SCIENCE

## Prehistoric People Decorated With Cave Lion Pelts

Trilobites

By NICHOLAS ST. FLEUR OCT. 26, 2016

Image of the IPHES news at The New York Times

International Business Times  
<http://bit.ly/2gYfPYp>

BT

<http://home.bt.com/news/science-news/prehistoric-humans-may-have-driven->

## 2016

eurasian-cave-lions-to-extinction-because-of-their-pelts-11364108362289

**The Cristian Science Monitor**

<http://www.csmonitor.com/Science/2016/1026/Ancient-interior-decorators-Did-early-humans-line-caves-with-lion-pelts>

**I Teach Post**

<http://www.itechpost.com/articles/46946/20161026/cave-lion-extinction-early-humans-killed.htm>

**Live Science**

<http://bit.ly/2fgTqW2>

**Mail Online**

<https://bitly.com/>

**Smithsonian.com**

<http://bit.ly/2fZPhGM>

**Seeker.com**

<http://www.seeker.com/cavemen-hunted-ice-age-lions-to-extinction-for-their-pelts-2064933275.html>

**Khou.com**

<http://www.khou.com/news/local/animals/paleolithic-pads-may-have-sported-cave-lion-pelts-study-finds/342307947>

**USA Today**

<http://www.usatoday.com/story/news/2016/10/26/paleolithic-pads-may-have-sported-cave-lion-pelts-study-finds/92771146/>

**ZME Science**

<http://bit.ly/2h5DNgX>

**Teach Times**

<http://bit.ly/2gXQATD>

**Israel Times**

<http://bit.ly/2gYn6YI>

**News Singapore**

<http://bit.ly/2gXWleR>

**Diario Libre**

<http://bit.ly/2f66WvL>

**New Historian**

<http://www.newhistorian.com/relationship-early-man-eurasian-cave-lion-studied/7475/>

**Inmortal News**

<http://www.immortal.org/29653/cave-lions-may-hunted-extinction-pelts/>

**Cosmosmagazine.com**

<https://cosmosmagazine.com/palaeontology/did-ancient-humans-hunt-cave-lions-to-extinction>

**Bradshaw Foundation**

<http://www.bradshawfoundation.com/news/index.php?id=Hunting-Ice-Age-cave-lions>

**Panama.com**

<http://www.bradshawfoundation.com/news/index.php?id=Hunting-Ice-Age-cave-lions>



<http://bit.ly/2hZNezB>

**(ABOULOWANG)**

<http://bit.ly/2hGVVBa>

**365 News**

<http://wp.news365.my/?p=2179247>

**CDSTM**

<http://www.cdstm.cn/viewnews-305764.html>

**SECRET CHINA (Vision Times)**

<http://bit.ly/2hqkobi>



Eudald Carbonell and Ferran Adrià during an interview in Abric Romani-IPHES

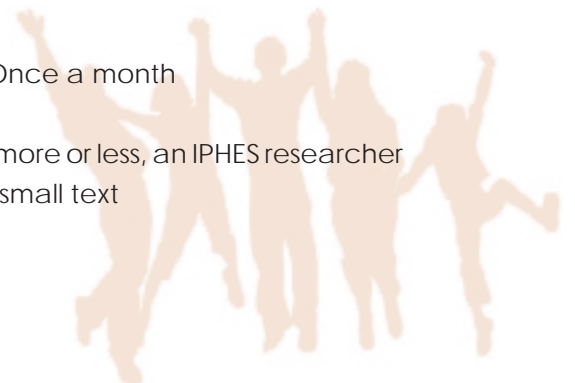
### Strategic alliances and collaborations with the media

Reports about IPHES on different television channels (TVE-1, TV2, TV3, Punt Avui Televisió) Tarragona Ràdio. Programme "Evoluciona", every 15 days

Radio Nacional de España (RNE). Interviews with researchers for projects they do. Once a month.

El Mundo de Catalunya. Articles by Eudald Carbonell – Once a month

Sapiens magazine – The experts' opinion. Every six weeks, more or less, an IPHES researcher complement the human evolution's current news with a small text



# 2016

## Own communication channels

### Blogs

News (in English) <https://iphesnews.wordpress.com/>

26,000 accumulated views from countries such as United States, Germany, France, United Kingdom, Italy, Israel, Canada, Netherland, India, Brazil and Portugal

News in Catalan <http://iphes-noticies.blogspot.com.es/>

273,345 accumulated views from countries such as United States, Spain, Russia, France, Germany, Ireland, China, Poland, Portugal and Ukraine

News in Spanish <http://iphesnoticias.blogspot.com.es/>

Almost 86,000 accumulated views from countries such as United States, Spain, Russia, France, Germany, Israel, India, Benin, United Kingdom and Mexico

Total: 385.345 acumulated views.

### Social networks

Facebook:

IPHES page : 1.228 followers

Twitter:

@iphes

Total followers: 3.232 followers

Youtube (IPHES comunicació) 28.360 reproductions and 212 subscribers.

### Media impact

For 2016, media impact of the IPHES communication actions has been elaborated through the program of the specialized company Pressclipping. Due to the services of this company were hired in April, the data refers to 9 months.

The data obtained show that IPHES'S communication actions have resulted in 11.512 news between April and December 2016. These have achieved a cumulative audience of 209.510.950 recipients and an economic value of € 300,072.

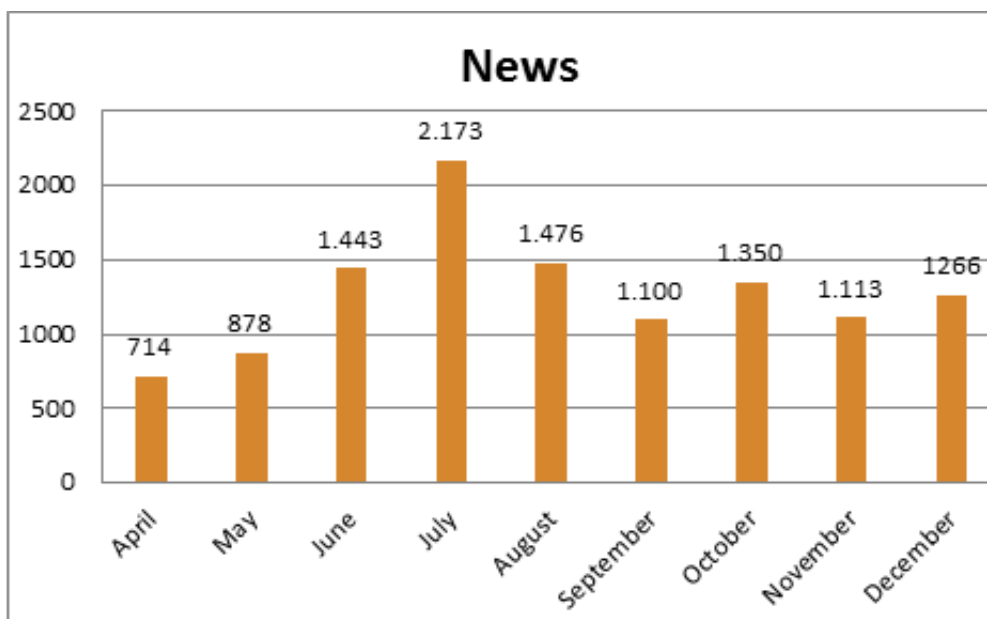
Type	News	Audience	Value €
Press	2.435		3.040.253
Digital	5.566	55.940.198	3.345.665
Radio-TV	16	3.530.562	241.122
Social networks	3.499	5.706.776	66.962
<b>Total</b>	<b>11.512</b>		<b>6.679.203 €</b>

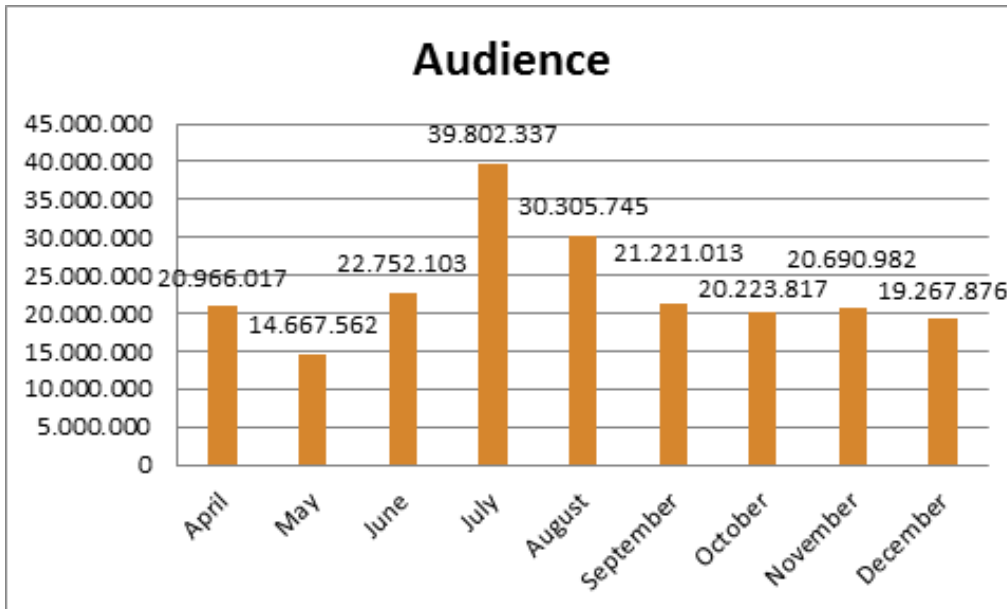
Audience and value €. News by type media



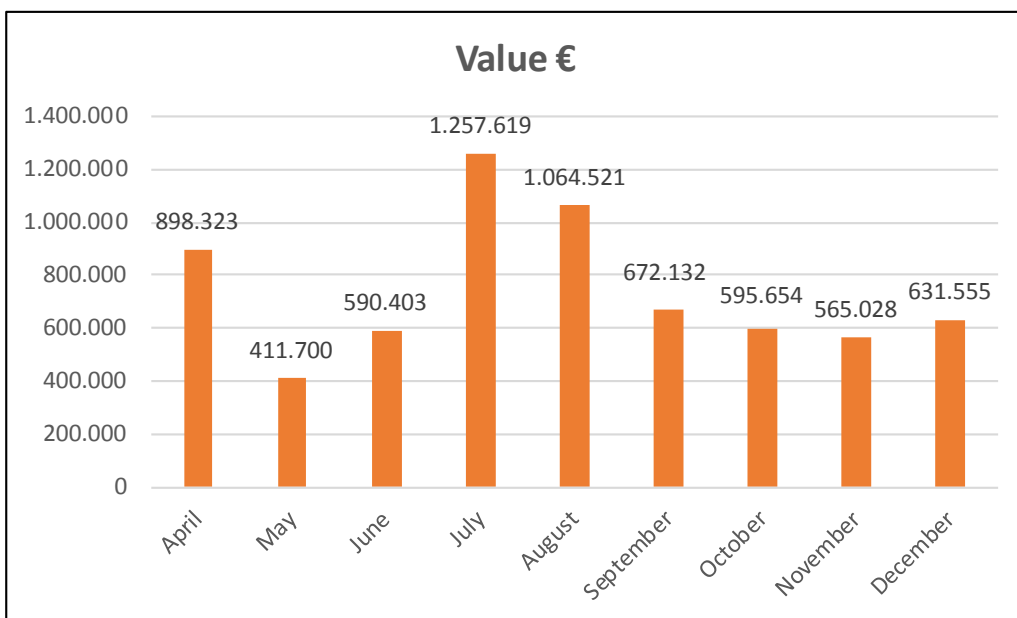
Month	News	Audience	Value
April	714	20.966.017	898.323
May	878	14.667.562	411.700
June	1.443	22.752.103	590.403
July	2.173	39.802.337	1.257.619
August	1.476	30.305.745	1.064.521
September	1.100	21.221.013	672.132
October	1.350	20.223.817	595.654
November	1.113	20.690.982	565.028
December	1266	19.267.876	631.555
<b>Total</b>	<b>11513</b>	<b>209.897.452</b>	<b>6.686.935 €</b>

Audience and value €. News by month





Iphes News Audience



Iphes News Value







# Knowledge transfer & Services





## R+D+I projects

### Tarragona Smart Mediterranean City

Category: Scientific assesment

Implicated institutions: Ajuntament de Tarragona, URV, Repsol and AGBAR

## Agreements and similar documents

### Agreement of collaboration between Escola de Disseny i Art and IPHES.

Main agreement: Curricular practical training at IPHES. 1 photography student.

Date: January.

### Specific collaboration agreement between Fundació bancària La Caixa and IPHES.

Main agreement: Financial and logistical support to MEDINES Conference.

Date: January.

### Specific collaboration agreement between Ajuntament de la Canonja and IPHES.

Main agreement: Financial contribution to the field work at Barranc de la Boella archaeological site.

Date: February.

### Agreement of collaboration between Diputació de Tarragona and IPHES.

Main agreement: Financial contribution to the field work at Barranc de la Boella archaeological site.

Date: February.

### Specific collaboration agreement between Institut Català d'Investigació Química (ICIQ) and IPHES.

Main agreement: Use of ICIQ scientific-technical facilities.

Date: February.

### Agreement of collaboration between Escola de Conservació i Restauració de Béns Culturals de Catalunya and IPHES.

Main agreement: External Practical training at IPHES. 2 heritage conservation students.

Date: March.

### Minor contract between Diputació de Tarragona and IPHES.

Main agreement: Cession of four IPHES exhibitions at Diputació de Tarragona.

Date: April.

### Framework Agreement of collaboration between Ayuntamiento de Villena and IPHES.

Main agreement: The strengthen of research and dissemination actions related to prehistory and human evolution and the enhancement of cultural heritage of Villena archaeological sites.

Date: April.

### Specific collaboration agreement between Fundació Privada MONA and IPHES.

Main agreement: Promotion of teaching and outreach activities

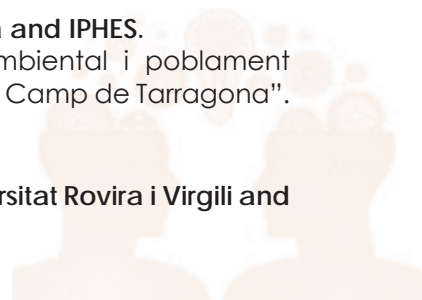
Date: April.

### Specific collaboration agreement between Ajuntament de la Riba and IPHES.

Main agreement: Cession of the exhibition "Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona".

Date: April.

### Framework educational collaboration agreement between Universitat Rovira i Virgili and IPHES.



## 2016

Main agreement: Development of external practical training.  
Date: May

### **Agreement of collaboration between Escola de Disseny i Art and IPHES.**

Main agreement: Curricular practical training at IPHES. 1 drawing student.  
Date: May.

### **Specific collaboration agreement between Institut d'Estudis Vallencs and IPHES.**

Main agreement: Cession of the exhibition "Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona".  
Date: May.

### **Agreement of collaboration between Escola de Disseny i Art and IPHES.**

Main agreement: Curricular practical training at IPHES. 1 drawing student.  
Date: June.

### **Framework agreement of collaboration between Associació Geoparc Conca de Tremp-Montsec and IPHES.**

Main agreement: The strengthen of research, information, education and sustainable social and economic development in local natural and cultural heritage.  
Date: June.

### **Framework agreement of collaboration between La Salle-Universitat Ramon Llull and IPHES.**

Main agreement: The application of research, innovation and technology to the enhancement of heritage.  
Date: June.

### **Specific collaboration agreement between La Salle-Universitat Ramon Llull and IPHES.**

Main agreement: Appointment of PhD Director.  
Date: June.

### **Specific collaboration agreement between Ajuntament de Mont-ral and IPHES.**

Main agreement: Cession of the exhibition: "Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona"  
Date: August.

### **Framework Agreement of collaboration between Museum National d'Histoire Naturelle (Paris) and IPHES.**

Main agreement: The strengthen of research and dissemination actions and the reciprocal reception of researchers.  
Date: September.

### **Specific collaboration agreement between Museum National d'Histoire Naturelle (Paris) and IPHES.**

Main agreement: To define the conditions for the reception of Dra. María Gema Chacón as a researcher at Museum National d'Histoire Naturelle.  
Date: September.

### **Specific collaboration agreement between Fundació bancària La Caixa and IPHES.**

Main agreement: The organization of the cycle of dialogues " Converses sobre el passat mirant al futur. Vespres de ciència amb l'IPHES".  
Date: September.

### **Specific collaboration agreement between Ajuntament de Cambrils and IPHES.**

Main agreement: Financial contribution to the field work at El Cavet archaeological site.  
Date: September.



### **Specific collaboration agreement between Ajuntament del Catllar and IPHES.**

Main agreement: Cession of the exhibition: "Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona".  
Date: September.

### **Specific collaboration agreement between Ajuntament de la Febró and IPHES.**

Main agreement: Financial contribution to the field work at Cova de les Borres archaeological site.  
Date: October.

### **Agreement of collaboration between Universitat Rovira i Virgili i Art and IPHES.**

Main agreement: Curricular practices training at IPHES. 1 History Degree student.  
Date: October.

### **Framework educational collaboration agreement between Universitat de Barcelona and IPHES.**

Main agreement: Development of external practical training.  
Date: October.

### **Agreement of collaboration between Universitat Rovira i Virgili i Art and IPHES.**

Main agreement: Curricular practical training at IPHES.  
Date: November.

### **Agreement of collaboration between Escola de Disseny i Art and IPHES.**

Main agreement: Curricular practical training at IPHES. 6 design students.  
Date: November.

### **Agreement of collaboration between Universitat de Barcelona and IPHES.**

Main agreement: Curricular practical training at IPHES. 1 Archaeology Degree student.  
Date: November.

### **Agreement of collaboration between Fundació Palarq and IPHES.**

Main agreement: Financial contribution to the project: "Evolución del poblamiento humano durante el cuaternario en Marruecos Oriental:Aïn Béni Mathar-Guéfaït (provincia de Jerada)"  
Date: November.

### **Decree from de Mayor's office of Vimbodí.**

Main agreement: Financial contribution to the field work at Molí del Salt archaeological site.  
Date: December.

## Scientific advice

### **Centre d'Interpretació sobre el termalisme, del pilocè (Camp dels Ninots a l'actualitat (el fenomen balneari). Segona fase.**

Category: Contents assessment

Partner: Àrea de turisme i Serveis Tècnics de l'Ajuntament de Caldes de Malavella

Participation: Colaboration.

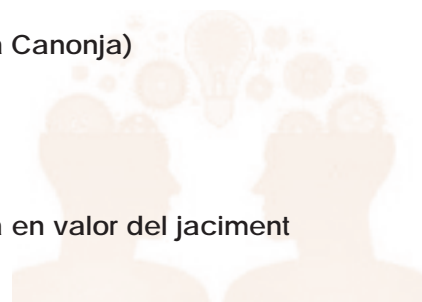
### **Pla director del jaciment arqueològic del Barranc de la Boella (La Canonja)**

Category: Enhancement of cultural heritage assesment

Partner: Ajuntament de la Canonja

Participation: Coordination.

### **Catalunya abans dels humans. Pla d'actuacions per a la posada en valor del jaciment**



## **arqueopaleontològic del Camp dels Ninots (Caldes de Malavella)**

Category: Enhancement of cultural heritage assesment

Partner: Generalitat de Catalunya

Participation: Collaboration.

## **L'Abric Romani i els Neandertals a Catalunya. Pla d'actuacions per a la posada en valor del jaciment arqueològic de l'Abric Romani (Capellades)**

Category: Enhancement of cultural heritage assesment

Partner: Generalitat de Catalunya

Participation: Collaboration.

## **Pla director del jaciment arqueopaleontològic del Camp dels Ninots (Caldes de Malavella)**

Category: Enhancement of cultural heritage assesment

Partner: Ajuntament de Caldes de Malavella

Participation: Coordination.

## **Assessorament científic en la posada en valor de les instal·lacions de l'antic Banc d'Espanya**

Category: Enhancement of cultural heritage assesment

Partner: Ajuntament de Tarragona, ICIQ & ICAC

Participation: Collaboration.

## **Exposició: Abans de la Vinya. El passat del Penedès a través de l'arqueologia**

Category: didactic contents assessment

Partner: VINSEUM

Participation: Collaboration.

## **Catàleg i exposició homònima: 10 ans de recherches & de coopérations scientifiques Maroco-espagnole dans la province de Jerada (Maroc Oriental)». Centre Culturel de Jerada, Maroc Oriental.**

Category: Contents assessment

Partner: Université Mohamed Premier , Faculté des Sciences (Oujda, Maroc)

Participation: Collaboration.

## **Scientific and technical training**

-Scientific supervision of two students on curricular practices from Grau en Historia (URV)

-Scientific and technical training of 2 students (150 hours; 4rt year intership of the degree in conservation (Escola Superior de Conservació i Restauració de Béns Culturals de Catalunya).

- Scientific and technical training on Scanning Electron Microscopy for use-wear analysis of 1 student (Universitat de Lleida).

- Scientific training of 9 students (Escola de Disseny i Art de la Diputació de Tarragona) and 2 students (Grau en Historia-URV ) on curricular practices.

- Scientific training of 1 student on curricular practices from Grau de Conservació i Restauració (UB).

- Scientific and technical supervision of 5 students in voluntary practices from Grau en Antropologia i Evolució Humana (URV-UOC)





## Knowledge Transfer & Services

- Scientific training on dental microwear of 3 students: 1 from International Master in Quaternary and Prehistory (Erasmus Mundus-URV), 1 master student (Universitat Autònoma de Barcelona) and 1 PhD student (Université Montpellier III, France).
- Scientific training on zooarchaeology and taphonomy of 5 students from International Master in Quaternary and Prehistory (Erasmus Mundus-URV) and 1 student of Antropologia Humana i Evolució Social (URV/UOC).
- Scientific training on archaeo-petrology of 1 student from International Master in Quaternary and Prehistory (Erasmus Mundus Master-URV)
- Scientific training of 4 students during their mobility stage at IPHES/URV from the International Master in Quaternary and Prehistory (Erasmus Mundus-URV).
- Scientific training on osteological current collections of 1 PhD student (UAB)
- Scientific and technical training on microscopy, dental replication techniques and dental microwear analysis of 2 PhD student (URV).
- Scientific and technical training and supervision of 196 students (undergraduate and postgraduate) in the field work context, in different archaeological sites.
- Scientific and technical training on palynological data processing of 2 researchers (Erasmus Mundus Master-URV).
- Teaching of: "Seminario sobre la Evolución de la mano y del pie en los primates y en los homínidos" adressed to students of the Master in Primatology, (UdG).
- Contribution: "Open Science & Open Access" at "Seminar "Paleoecology and Paleoanthropology, common research programs between MNHN/URV/IPHES". Universitat Rovira I Virgili.
- Teaching of: "*Micropaleontologia: Herpetofauna (Rèptils i Amfibis)*" adressed to students of the Degree in History, Universitat de Rovira I Virgili
- Discussant at: "III Tourism and Leisure PhD Program Doctoral Days" Universitat Rovira i Virgili. Vila-seca.
- Scientific assessment of the final research projects of two Secondary School students (INS Gaudí (Reus) i INS Martí Franquès (Tarragona))

## Instrumental and not instrumental services

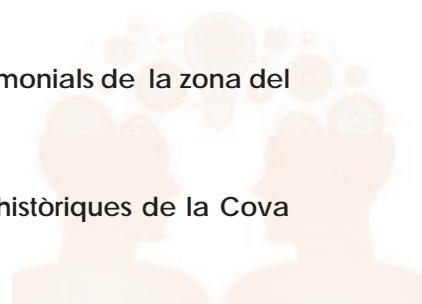
Service: **Realització de làmines primes de sediment.**

Client: Institut Català d'Arqueologia Clàssica

Service: **Seguiment arqueològic i catalogació dels elements patrimonials de la zona del Bosc Gran (Salou).**

Client: Ajuntament de Salou

Service: **Documentació dels murals de les pintures rupestres prehistòriques de la Cova de l'Aleu (Arbolí) i Cova del Cocó (Mas de Barberans)**



## 2016

Client: Generalitat de Catalunya

Service: **Realització de làmines primes de sediment.**

Client: Universitat Rovira i Virgili

Service: **Anàlisi palinològica dels sondejos realitzats a Les Madrigueres (El Vendrell)..**

Client: Ajuntament del Vendrell

### Scientific-didactic contents services

Service: **Projecte museogràfic del Castell de Caldes. Avantprojecte, projecte executiu i assessorament científic.**

Client: Ajuntament de Caldes de Malavella.

Service: **Taller-demostració didàctic de producció d'eines lítiques i d'encesa de foc. Activitat vinculada a l'exposició "Evolució Paleoambiental i poblament prehistòric de les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.**

Client: Ajuntament de la Riba.

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" al Centre de Documentació i Iniciatives Cal Català del Perelló.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" al Casal Municipal de Prat de Compte.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" al Museu Arqueològic del Vendrell**

Client: Diputació de Tarragona.

Service: **Taller-demostració didàctic de producció d'eines lítiques i d'encesa de foc. Activitat vinculada a l'exposició "Evolució Paleoambiental i poblament prehistòric de les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.**

Client: Institut d'Estudis Vallencs.

Service: **Exhibició de l'exposició "Darwin i l'evolució" al Castell de Masricart de la Canonja.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Sabater Pi. Una vida dedicada a la recerca" a la Cova de la Font Major de l'Espluga de Francolí.**

Client: Diputació de Tarragona.

Participation in the exhibition and the associate catalogue: «**10 ans de recherches & de coopérations scientifiques Maroco-espagnole dans la province de Jerada (Maroc Oriental)**». Centre Culturel de Jerada, Maroc Oriental. Inauguration: June 2<sup>nd</sup>.

### Scientific-technical reports



**Etude du régime alimentaire et contexte paléocéologique du renne de Verberie.**

Category: Scientific contents.

Partner: PCR «Paléolithique final et Mésolithique dans le Bassin Parisien et ses marges», CNRS and Université Paris 1, UMR 7041-ArScAn.

Participation: Coordination.

**Micromorphologic and petrographic characterization of the hydraulic mortars from Sela site (Jordan).**

Category: Scientific contents.  
Partner: Universitat de Barcelona.  
Participation: Coordination.

**Las silicificaciones de la Sierra de Atapuerca (Burgos): abundancia territorial y caracterización petrográfica**

Category: Scientific contents.  
Partner: CGL2012-38434-C03-03 Project.  
Participation: Coordination.

**Las silicificaciones de la Sierra de Atapuerca (Burgos): abundancia territorial y caracterización petrográfica (II).**

Category: Scientific contents.  
Partner: CGL2015-65387-C3-1-P Project.  
Participation: Coordination.

**Las silicificaciones del Alt Vinalopó (Alicante) y su explotación en los yacimientos de Casa Corona, Arenal de la Virgen y Huesa Tacaña (Villena).**

Category: Scientific contents.  
Partner: IPHES.  
Participation: Coordination.

**Actividades de conservación y restauración realizadas en Barranco León (Orce, Guadix-Baza, Granada) entre 2013-2015. Memoria Final de Proyecto. RST-2016-007.**

Category: Memoria técnica.  
Partner: Junta de Andalucía.  
Participation: Coordination.

**Actividades de conservación y restauración realizadas en Fuente Nueva 3 (Orce, Guadix-Baza, Granada) entre 2013-2015. Memoria Final de Proyecto. RST-2016-008.**

Category: Memoria técnica.  
Partner: Junta de Andalucía.  
Participation: Coordination.

**Actividades de conservación y restauración realizadas en Venta Micena (Orce, Guadix-Baza, Granada) entre 2013-2015. Memoria Final de Proyecto. RST-2016-009.**

Category: Memoria técnica.  
Partner: Junta de Andalucía.  
Participation: Coordination.

**Informe de las actividades de conservación y restauración realizadas sobre los materiales de Barranco León, Fuente Nueva 3 y Venta Micena (Orce, Guadix-Baza, Granada) tras las excavaciones 2013, 2014 y 2015. RST-2016-010.**

Category: Memoria técnica.  
Partner: Junta de Andalucía.  
Participation: Coordination.





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