



IPHES^R

Institut Català de Paleoecologia
Humana i Evolució Social



2017

Annual Report

Board of Trustees



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Message from the director



Robert Sala, IPHES director - IPHES

This address gives me the chance to highlight the main issues that have characterised the life of IPHES during 2017. First, I would like to underline the process of renewal of the direction of our research teams. After the renewal in the direction of the institute, it was now time to continuing this process giving the rising generations the access to the direction of the research. The leadership of the three research groups is now fully renovated. It has to boost the backbone of our research in natural systems evolution, human evolutionary process and social adaptation and resilience. It is then time to thanks the work of the previous generation and of encouraging the new leaders.

IPHES is committed with the quality of research but also in good practices within the organisation. It is then a pride to have been awarded the HRS4R label. It has to encourage us to improve our procedures and routines.

Socialisation of the research and the generation of synergies through the territory is a key issue for IPHES. In this sense, it is important the effort invested in establishing partnerships and cooperative programs with the majors of the municipalities where we develop research

and/or socialisation projects. IPHES has established this policy through its whole history but in 2017 and the forthcoming months has to be developed.

Research in IPHES during 2017 has been possible thanks to seven competitive projects led by IPHES staff: six awarded by the Spanish ministry and one ERC program. Apart from the main agencies, we succeed in obtaining financial support for other six programs mainly from private funding institutions. These projects have been based on the fieldwork made on 27 sites directed by IPHES staff and 16 other under the supervision of other researchers. These are key figures for IPHES that has extended its research in many of the Spanish regions and in several countries in Europe, Africa, Western and Pacific Asia and America.

This research has resulted in important and outstanding scores. IPHES has produced 113 international papers with impact factor. Within them a 37, 5 are on Q1 and a 47, 3 were led by IPHES. These are relevant even if it is still a challenge for us to improve the latter two figures.

IPHES is a university institute interested in using its research for the training of a new cohort of professionals in natural system evolution, the palaeoecology and evolution of past human societies. The instruments we use are the undergraduate, master and doctoral programs. During 2017, we have produced 15 doctoral and 17 master thesis.

Both the research and academic policy is at the base of the attractiveness of our institute for students and young doctors that choose IPHES to perform their training. We have received three post-doctoral researchers thanks to national agencies awards (Ramón y Cajal and Juan de la Cierva) and three in the MSCA European program. Concerning the PhD students, ten of our students have been awarded with Spanish agencies and Fundación Atapuerca grants. These are noticeable results to be added, finally, to the attractiveness of our PhD: in 2017, five of

2017

our former students have been awarded a post-doctoral position in Deutschland, Canada, Argentina and Spain.

Let me devote the last sentences in getting a look to our immediate future. IPHES is now facing the final stage of integration with two other institutes of the I-CERCA system, the Institute for Classical Archaeology and the Catalan Institute for Research on

Cultural Heritage, where the challenge will be to retain their singularity while building new conjoint programs of research, training and socialisation. This will be an important test for our structure in 2018. For IPHES in special, this has to bring us the opportunity to improve our efficiency and research in our transdisciplinary domain across natural sciences, anthropology and human evolution.

To the entire organisation, I wish you all my best

Robert Sala



A photograph of a modern building with a dark blue facade and white structural elements. The letters 'IPHES' are mounted on the upper part of the facade. A large green tree is on the right side of the frame. In the foreground, there is a white utility box and a person standing near it. A semi-transparent white banner is at the bottom of the image.

IPHES



Management

About us: General data for 2017

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 2017, we have reached 113 articles in journals of the highest standard in our field. We also have continued to widen the spectrum of multidisciplinary publications such as Science, Scientific Reports or PlosOne, among others.

Having the European Community as an important reference for our institute, it's worth mentioning that this year our first ERC Program, which was awarded by the European Research Council, has started.

On the other hand, we have submitted and were awarded last 2017 the European Label of excellence in Human Resources, the HRS4R. This Label proves that IPHES endorses the general principles of the European Charter for Researchers and a Code of Conduct for the Recruitment of Researchers, and firmly supports its commitment to improving internal policies and procedures.



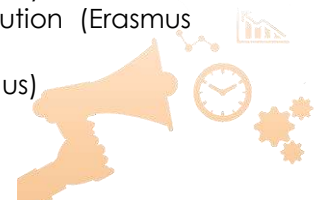
HR EXCELLENCE IN RESEARCH

Still in the international field, we promote different events during the year aiming at sharing here with other researchers across the world knowledge and expertise in specific issues hosted by IPHES together with different organizations):

- 3rd African Prehistory Meeting
- International Workshop "The big puzzle 30 years after. A shared, multidisciplinary, Palaeolithic perspective"
- V International Congress of Experimental Archaeology

Turning to the issue of academy, 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 and the Universitat de Girona-Fundació Mona. During the year 2017 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)
- Master's degree in Primatology (UdG)



This year, we have started a new line of action aiming at building a partnership with local institutions in order to return our research and science to the citizens, following the duties included in the Chart of IPHES.

Together with the Diputació de Tarragona, we deployed a new travelling exhibition programme across different villages that until the end of 2017 was visited by 27.481 individuals.



Additionally, in order to increase the territorial impact on the municipalities of Barcelona area, we have started a new collaboration this year, having become a scientific partner with Bibliolab, a programme promoting a digital and scientific society, which is fostered by the Diputació de Barcelona, involving 90 libraries.

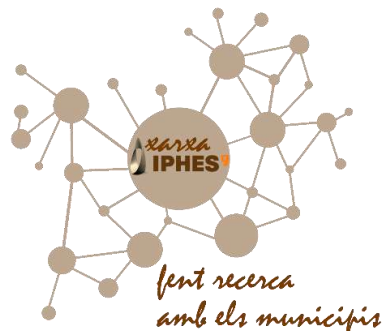
Still in the institutional partnership, the Diputació de Barcelona played a key role funding the infrastructure needed for the site of Teixoneres Cave, especially after having discovered a neanderthal child tooth, making it possible to move forward in the research project, together with Mojà Municipality, and the Department of Culture of the Generalitat de Catalunya.

Moreover, it is necessary to be outlined the support offered by all the Municipalities and Organizations for their logistic and economic support to the excavations undertaken in their locations, as well as the support offered by Diputació de Tarragona.



In another scale, we have approached activities with Port of Tarragona and Fundació Bancària la Caixa, who have a broad network of influence in the territory, ready to participate in scientific activities.

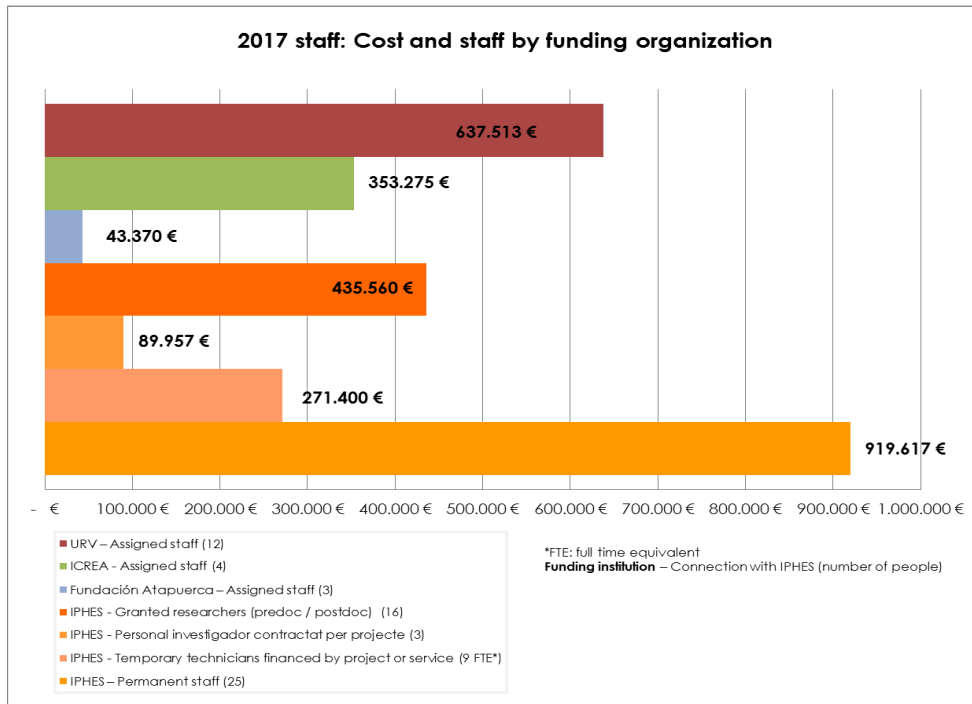
Next year, we are going to create a new network of municipalities in order to strengthen the cooperation we already have established with them, organizing research and outreach activities across the Catalan territory.



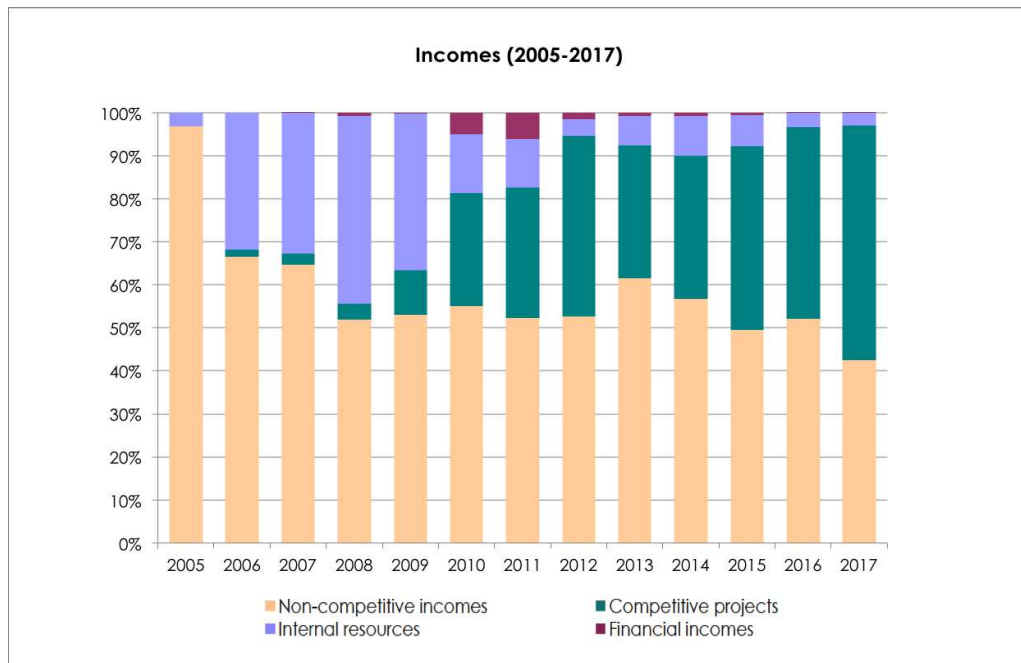
An event to present the “Network of Municipalities IPHES” is foreseen by the first quarter of the year 2018. IPHES will recognize those villages that have been real facilitators for the research done on their sites.

Still following the duty of our IPHES Chart, we have carried out an active communication strategy addressed to the general public, generating 4.387 news in a year. These have achieved a cumulative audience of 33.541.788 recipients.

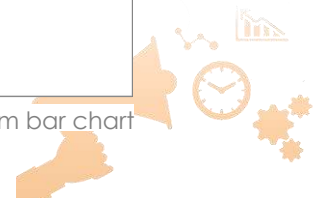
On the economic point of view, we have seen a budget increase of about 17% with respect to last year. Nevertheless, despite this increase, the economic exercise of 2017 ended with a balanced budget.



IPHES funding institution bar chart

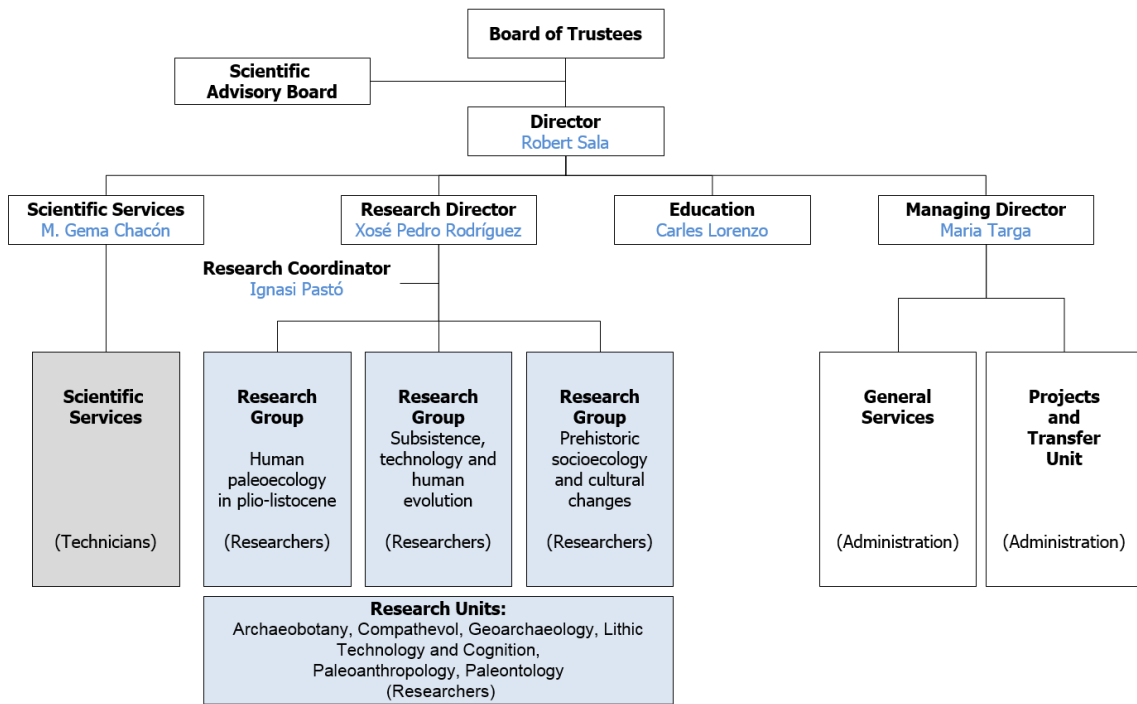


IPHES historicum bar chart



The institute has 3.105 m2 devoted to outstanding facilities granted by FEDER (European Regional Development Fund). Our labs are equipped in order to develop a wide range of archaeological research and we also have collections service supported by technical staff.

IPHES Organization Chart



IPHES organization chart

IPHES is a member of CERCA system (Centres de Recerca de Catalunya) and we are 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).



Projecte cofinançat per la Unió Europea
Fons europeu de desenvolupament regional
"Una manera de fer Europa"



Staff



IPHES staff, December 2017



RESEARCHERS			
Name	Speciality	Funder	e-mail
Agusti Ballester, Jordi	Paleontology	ICREA - Affiliated	jordi.agusti@icrea.es
Allué Martí, Ethel Ann	Archaeobotany	IPHES	eallue@iphes.cat
Arenas Moreno, Àlex	Complex Paths	URV - Affiliated	alexandre.arenas@urv.cat
Barsky, Deborah Roxanne	Lithic Technology	IPHES	dbarsky@iphes.cat
Blain, Hugues Alexandre	Paleontology	IPHES	hablain@iphes.cat
Brisset, Elodie	Archaeobotany	IPHES - Marie Curie (EU)	ebrisset@iphes.cat
Burjachs Casas, Francesc	Archaeobotany	ICREA - Affiliated	francesc.burjachs@icrea.cat
Cáceres Cuello de Oro, Isabel	Zooarchaeology	URV - Affiliated	icaceres@iphes.cat
Campany Vall-Llosera, Gerard	Dissemination	IPHES	gcampany@iphes.cat
Canals Salomó, Antoni	Geoarchaeology	URV - Affiliated	acanals@iphes.cat
Carbonell Roura, Eudald	Lithic Technology	URV - Affiliated	ecarbonell@iphes.cat
Chacón Navarro, María Gema	Lithic Technology /Scientific & Technical Services Coordinator	IPHES	gchacon@iphes.cat
Eixea Vilanova, Alejo	Lithic Technology	IPHES - Juan de la Cierva (MINECO)	aeixea@iphes.cat
Fernández López de Pablo, Javier	Complex Paths	IPHES - ERC Grant	jfernandez@iphes.cat
Gómez De Soler, Bruno	Geoarchaeology	IPHES	bgomez@iphes.cat
Gómez Puche, Maria Magdalena	Complex Paths	IPHES - Postdoctoral (ERC Project)	mgomez@iphes.cat
Hortolà Gómez, Policarp	Paleontology	URV - Affiliated	policarp.hortola@urv.cat
Huguet Pàmies, Rosa	Zooarchaeology	IPHES	rhuguet@iphes.cat
Lorenzo Merino, Carles	Paleoanthropology	URV - Affiliated	clorenzo@iphes.cat
Lozano Pérez, Sergio	Complex Paths	IPHES - Ramon y Cajal (MINECO)	slozano@iphes.cat
Lozano Ruiz, Marina	Paleoanthropology	IPHES	mlozano@iphes.cat
Martínez Navarro, Bienvenido	Paleontology	ICREA - Affiliated	bienvenido.martinez@icrea.cat
Mosquera Martínez, Marina	Lithic Technology	URV - Affiliated	marina.mosquera@urv.cat
Ollé Cañellas, Andreu	Lithic Technology	IPHES	aolle@iphes.cat
Parracho Silva, Fabio	Complex Paths	IPHES - Marie Curie (EU)	fsilva@iphes.cat
Pastó Marín, Ignasi	Research Coordinator	IPHES	ipasto@iphes.cat
Polo Diaz, Ana	Complex Paths	IPHES - Postdoctoral (ERC Project)	apolo@iphes.cat
Rivals, Florent	Paleontology	ICREA - Affiliated	florent.rivals@icrea.cat
Rodríguez Álvarez, Xosé Pedro	Lithic Technology & Head of Research	URV - Affiliated	xprodriguez@iphes.cat
Romagnoli, Francesca	Lithic Technology	IPHES - Marie Curie (EU)	fromagnoli@iphes.cat
Rosell Ardèvol, Jordi	Zooarchaeology	URV - Affiliated	jordi.rosell@urv.cat
Sala Ramos, Robert	Lithic Technology & Director	URV - Affiliated	robert.sala@urv.cat



RESEARCHERS			
Name	Speciality	Funder	e-mail
Saladié Ballesté, Palmira	Zooarchaeology	IPHES	psaladie@iphes.cat
Tornero Dacasa, Carlos Alberto	Paleontology	IPHES - Juan de la Cierva (MINECO)	ctornero@iphes.cat
Vallverdú Poch, Josep	Geoarchaeology	IPHES	jvallverdu@iphes.cat
Vaquero Rodríguez, Manuel	Lithic Technology	URV - Affiliated	manuel.vaquero@urv.cat
Vergès Bosch, Josep María	Lithic Technology	IPHES	jmverges@iphes.cat

IPHES researchers

PhD STUDENTS			
Name	Speciality	Funder	e-mail
Arilla Osuna, María Teresa	Zooarchaeology	IPHES - Predoctoral FI (AGAUR)	marilla@iphes.cat
Bahzir, Behrouz	Lithic Technology	Fundación Atapuerca - Affiliated	bbazgir@iphes.cat
Bisbal Chinesta, José Francisco	Paleontology	IPHES - Predoctoral FI (AGAUR)	jbisbal@iphes.cat
Burguet Coca, Aitor	Archeobotany	Fundación Atapuerca - Affiliated	aburguet@iphes.cat
López Ortega, Esther	Lithic Technology	IPHES - Predoctoral FPI (MINECO)	elopez@iphes.cat
Medin Goitom, Tsegai	Paleontology	Fundacion Atapuerca - Affiliated	tmedin@iphes.cat
Pedergrana, Antonella	Lithic Technology	IPHES - Predoctoral FI (AGAUR)	apedernana@iphes.cat
Pérez Luis, Leopoldo Jesús	Lithic Technology	IPHES - Predoctoral FPU (MECD)	lperez@iphes.cat
Pineda Alcalá, Antonio	Zooarchaeology	IPHES - Predoctoral FI (AGAUR)	apineda@iphes.cat
Piñero García, Pedro	Paleontology	IPHES - Predoctoral FPU (MECD)	ppinero@iphes.cat
Rabuñal Gayo, Jose Ramón	Complex Paths	IPHES - Predoctoral (ERC Project)	jrabunal@iphes.cat
Rufà Bonache, Anna	Zooarchaeology	IPHES - Predoctoral FPU (MECD)	arufa@iphes.cat
Sanchez Hernández, Carlos	Paleontology	IPHES - Predoctoral FPI (MINECO)	csanchez@iphes.cat

IPHES PhD students



TEMPORARY STAFF FUNDED BY PROJECT (Full Time Equivalent ≈ 9 people)			
Name	Name	Name	Name
Alonso, Elvira Susana	Escuté, Adrià	Luengo, Sergio	Poveda, Eloy
Arteaga, Andión	Flor, Carlos	Marsal, Roser	Ramirez, Ivan
Asryan, Lena	Fuentes , Alejandro	Martin, Miguel Angel	Rodriguez, Gloria
Ayala Pastor, Aitor	Garcia, Paula	Martinez, Almudena	Sicilia, Blanca
Barbes , Maria Aurora	Garcia Reig, Sheila	Martin-Vicero, Juan Ignacio	Simon, Fernando
Basso, Ricardo	García, Francisco Javier	Mayor, Alejandro	Sirvent, Laura María del Loreto
Cañadilla, José Antonio	Garcia-Argudo, Gala	Monros, Meritxell	Soares, Miguel Ángel
Canto, Ana	Grande, Sioba	Moreno, Elena	Soto, María Luisa
Cardillo, Alessio Vincenzo	Guardiola, Miquel	Navarro, Fernando	Talavera, Laura
Cazalla, Irene	Hernando, Raquel	Navarro, Ruben	Val, Cristina
Cebrià, Artur	Iglesias, Francisco Javier	Oviedo, Cristina	
Cucart, Carolina	Lombao, Diego	Pedergrana, Antonella	
Cueva, Arturo	Lozano, Iván	Pedro, Mireia	

IPHES temporary staff

SCIENTIFIC & TECHNICAL SERVICES			
Name	Speciality	Funder	e-mail
Expósito Barea, Isabel	Archeobotany	IPHES	ixposito@iphes.cat
Gómez Merino, Gala	Conservation	IPHES	ggomez.merino@iphes.cat
Ibáñez López, Núria	Zooarchaeology	IPHES	nibanez@iphes.cat
López-Polín Dolhaberiague, Lucía	Conservation	IPHES	lucia.lopezpolin@iphes.cat

IPHES technicians staff

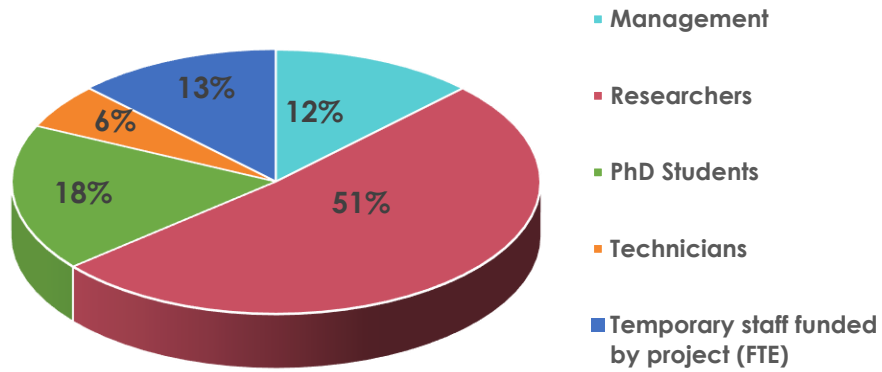
MANAGEMENT			
Name	Speciality	Funder	e-mail
Altès Batalla, Vanessa	Director's Personal Assistant	IPHES	valtes@iphes.cat
Batista Carissimi-Priori, Lluís	Project & Transfer Unit / Outreach Technician	IPHES	ibatista@iphes.cat
Fontanals Torroja, Marta	Project & Transfer Unit /Transfer technician	URV - Affiliated	mfontanals@iphes.cat
March Farré, Anna	Financial Manager	IPHES	amarch@iphes.cat
Moreno Moliner, Òscar	IT Manager	IPHES	omoreno@iphes.cat
Pérez Llorç, Laura	HR Manager & SUMA Project Coordination	IPHES	lperez@iphes.cat
Sentís Tamburini, Bernat	Project Manager	IPHES	bsentis@iphes.cat
Targa Montserrat, Maria	Managing Director	IPHES	mtarga@iphes.cat
Torreblanca Hernández, Fèlix	Purchasing & Logistic Manager	IPHES	ftorreblanca@iphes.cat

IPHES management staff



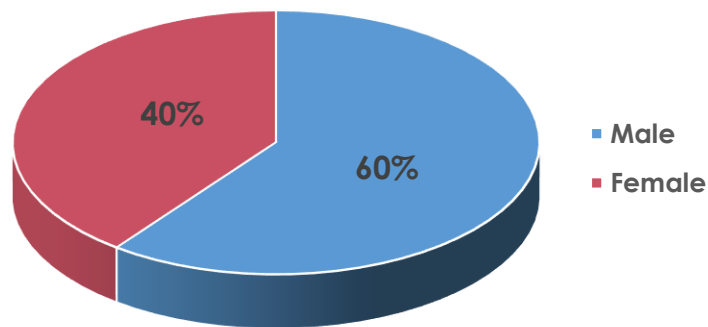
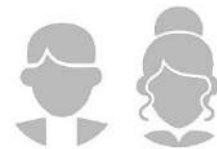


Staff* distribution by Areas



* Temporary and Permanent staff

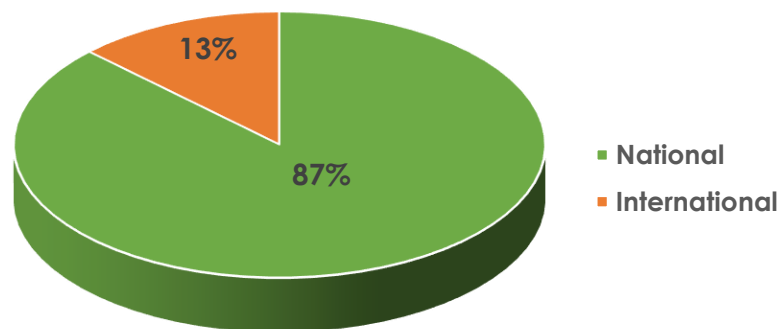
Staff* distribution by Gender



* Only permanent staff



Staff* distribution by Geogrpby



* Only permanent staff



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

Human Palaeology in the Plio-Pleistocene (PalHum)

Principal investigator: Dr. Hugues-Alexandre Blain.

Researchers: Dr. Jordi Agustí, Dr. Deborah Barsky, Dr. Gerard Campeny Vallosera, Dr. Antoni Canals, Dr. Bruno Gómez i Soler, Dr. Policarp Hortolà, Dr. Bienvenido Martínez-Navarro, Dr. Tsegai Medin, Dr. Josep Maria Prats, Dr. Robert Sala & Dr. Josep Vallverdú.

PhD students: Mohamed Azaza, Josep Francesc Bisbal-Chinesta, Mihailo Jovanović, Madhavi Kunerith, Moncef-Said Mtimet, & Avinandan Mukherjee.

Support to research staff: Bernat Sentis & Marta Fontanals.

Collaborations: Dr. Iván Lozano-Fernández, Dr. Pedro Piñero, Dr. María Luisa Soto Quesada, Dr. Sandra Bañuls Cardona, Dr. Souhila Roubach, Elena Moreno Ribas, Almudena Martínez Monzón, F.J. García Vadillo, Ángel Blanco Lapaz, Francisco Javier Luengo Gutiérrez, Adrià Escudé, Estefania Tifton & Akinbowa Akintayo.

Reference: SGR 2017 859

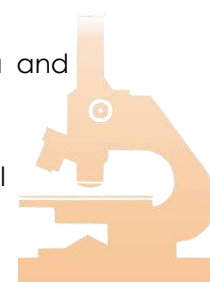
The objectives of PalHum focus on establishing the context of the Pleistocene human migration in the Mediterranean area from a triple approach: 1. the global climatic changes as a forcing factor on hominin dispersal timing and mode; 2. hominids-carnivores coevolution and interactions and their implication for dispersal/subsistence, and 3. the study of techno-behavioral compartments (Acheulean vs. Oldowan) and their implications for population replacement, and/or cultural transmission across the Mediterranean. All three aspects, techno-cultural innovation, climate evolution and associated faunal interactions have acted as significant drivers in the different episodes of human dispersal from the Pliocene to Middle Pleistocene.

Then in addition to these objectives, PalHum formalized for the new period (2017-2019) a fourth emergent objective: the investigation of the social and economic impact of our scientific research at Barranc de la Boella (La Canonja, Tarragona) and Camp dels Ninots (Caldes de Malavella, Girona).

Thus research topics are as follow:

A. Human and faunal dispersals during the Quaternary: Tempo and Mode

- A1. Pliocene and Pleistocene Eurasian faunal dispersals
- A2. Biochronology of the first hominid remains into Mediterranean area and abroad
- A3. First human settlements in Eurasia, Northern Africa, and Horn of Africa
- A4. Paleoenvironmental and paleoclimatic context of first hominid dispersal



B. Hominines-Carnivores interactions

- B1. Hominids-Sabertooths coevolution (*Meganteron whitei*)
- B2. Hyenas-Hominids interactions (*Pachycrocuta brevirostris*, *Crocuta crocuta* and *Hyena hyena*)
- B3. Interaction with social carnivores (*Lycaon lycaonoides*)

C. Early Technological Behavior (Oldowan vs. Acheulean)

- C1. Stone Tools (Raw Materials, Lithic Technology, Use-Wear/Residue Analyses)
- C2. Information Systems in archaeo-paleontological sites: social and spatial behavior
- C3. Dispersal/Transmission of techno-cultural innovations

D. Heritagization of the archaeo-paleontological record

- D1. Non-formal scientific education in geosciences and the archaeological record as a source of young public engagement of science
- D2. Monitoring the cultural equipment, including how to communicate or transfer archaeo-paleontological contents in order to build sustainable infrastructures

We approach these questions through work at different paleontological and archaeological sites (underlined when leaded) from Eastern Africa to Western Eurasia and the Mediterranean Basin:

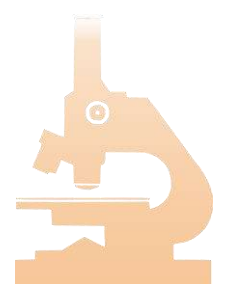
1. **Pliocene:** Camp dels Ninots (Spain), Baza (Spain).
2. **Early Pleistocene:** Barranco León and Fuente Nueva 3 (Spain), Quibas (Spain), La Boella (Spain), Bois de Riquet (France), Pirro Nord (Italy), Ain Beni Mathar and Guefâit Basins (Morocco), Oued Sarrat Basin (Tunisia), Ternifine (Algeria), Dmanisi (Georgia), Bizat Ruhama (Israel), Engel Ela-Ramud Basin and Danakil Depression (Eritrea).
3. **Middle Pleistocene:** Cova dels Xaragalls (Spain), Santa Ana Cave (Spain), N'gaous (Algeria), Caune de l'Arago (France), Azokh Cave (Nagorno Karabagh).

Concerning **knowledge transfer**, PalHum is consolidating and strengthening the ongoing activities related with heritage valorisation of paleontological and archaeological sites, both in Catalonia and abroad.

On one hand, the research group is leading, together with local and provincial administration, the scientific advice and contents of the tourist route and the construction of the visitor centre around the Camp dels Ninots paleontological site. These activities are co-funded by the *Strategic Plan for Touristic Development 2013-2016* of Catalonia, *Heritagization Plan* of Catalonia and the City Council of Caldes de Malavella. On the other hand, the group is also leading the heritagization process of Barranc de la Boella archaeological site, which has become part of the "TurisTic en família" project within the Regional Innovation for Smart Strategic Specialization of Catalonia (RIS3CAT), incorporating local and provincial administration stakeholders (Ajuntament de La Canonja, Diputació de Tarragona). This project allows PalHum to advice, provide contents and monitor the design of a prehistoric experience to boost cultural tourism, contributing to the development of the experience economy in *Costa Daurada*, an important family tourism destination of Tarragona province.



Furthermore, the research results of the group related with the archaeological sites of the Guadix-Baza Basin (Granada, Andalusia) is continuing to provide advice and updated contents to the new Centro de Interpretación de los Primeros Pobladores de Europa (Orce, Granada), co-funded by FEDER. And finally, at an international level, the group is following on with the research and knowledge transfer collaboration for the development of the National Museum of Georgia and Université Mohammed Premier Oujda for valorisation of Dmanisi archaeological sites and the archaeological heritage of Eastern Morocco, respectively.



Prehistoric Socioecology and Cultural Changes (GAPS)

Principal investigator: Dr. Ethel Allué.

Researchers: Dr. Elodie Brisset, Dr. Francesc Burjachs, Dr. M. Gema Chacón, Dr. Aleix Eixea, Dr. Javier Fernández, Dr. Magdalena Gómez-Puche, Dr. Juan Manuel López, Dr. Sergi Lozano, Dr. Ignasi Pastó, Dr. Ana Polo, Dr. Florent Rivals, Dr. Jordi Rosell, Dr. Fabio Silva, Dr. Carlos Tornero & Manuel Vquero.

PhD students: Maite Arilla, Aitor Burguet, Leopoldo Pérez, Jose Ramon Rabuñal & Carlos Sánchez.

Technical staff: Isabel Expósito, Núria Ibáñez, Gala Gómez-Merino & Marta Fontanals.

Colaborations: Susana Alonso, Cristina Val, Ivan Ramirez, Céline Kerfant & Carolina Cucart.

Reference: 2017 SGR 836

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 discipline, lithic technology, zooarchaeology, taphonomy, palaeontology, archaeobotany, spatial analysis, symbolic expression and computational models.

The group is composed by 16 researchers, 3 technicians and 5 doctoral students. The core of the research group is formed by four researchers with tenured research positions (Ethel Allué [group coordinator]; Ignasi Pastó; Jordi Rosell, Manuel Vaquero and Javier Fernández López de Pablo), two ICREA research Professors (Francesc Burjachs and Florent Rivals), and three tenure-track researchers at different stages of their careers: M. Gema Chacón; Juan Manuel Lopez and Sergi Lozano.

In the group, there have been 7 incorporations of young researchers as a result of public competitive Spanish and European calls. These researchers are integrated in the group providing new challenges to our strategic objectives. Francesca Romagnoli, PhD (Marie Skłodowska-Curie Fellow) and Aleix Eixea, PhD (Juan de la Cierva Fellow) develop research on the Neanderthal lifeways analyzing behavioral patterns on the basis of lithic technology and point partners spatial analysis. Elodie Brisset, PhD (Marie Skłodowska-Curie Fellow) develops research based on paleoenvironmental setting during the early Holocene based on a multiproxy approach on paleogeography as a complement and continuity of the former member of the group Samantha Jones, PhD (Marie Skłodowska-Curie Fellow 2014-2016). Research on combustion structures micromorphology will be developed by Ana Polo Díaz, PhD (postdoctoral researcher ERC PALEODEM), and research on the integration of proxies related to dating to be applied to past demography will be carried out by Magdalena Gómez Puche, PhD (postdoctoral researcher ERC PALEODEM). Fabio Silva, PhD (Marie Skłodowska-Curie Fellow) develops computational models to study postglacial dispersals from a Niche Construction



perspective. Finally, Carlos Tornero, PhD (Juan de la Cierva Fellow) has integrated biogeochemical analyses to improve our understanding of domestication process regarding livestock economy and husbandry.

Additionally, the team includes 5 pre-doctoral students (Aitor Burguet; Leopoldo Pérez; Carlos Sánchez; Maite Arilla; Jose Ramón Rabuñal) from different grants schemes (primarily MEC - FPU, FI AGAUR, Fundación Atapuerca).

The group also rely on 3 technicians providing support for archeobotany (Isabel Expósito), archeological collections (Núria Ibáñez), and restoration (Gala Gómez Merino). Special attention will be given to the excavation and restoration of the Neanderthal from Cova Foradà which is deposited at IPHES.

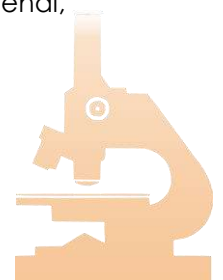
The research group is aimed at studying the cultural and behavioral changes, the ecology and population dynamics of Neanderthals and modern humans from the final Middle Pleistocene to the early Holocene. During this period, three major processes took place: 1) the origin of Neanderthal behavior; 2) the Middle to Upper Paleolithic transition and 3) the beginning of a productive economy. The 6 main strategic objectives encompassing the specific challenges are inter-linked with other ongoing projects leaded or participated by the members' Group.

- 1) Technology and material culture.
- 2) Subsistence strategies.
- 3) Spatial analysis.
- 4) Paleoenvironment .
- 5) Quantitative modelling.

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 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:

The members of the group participate in different Spanish excavations, both at fieldwork and studying materials:

- Middle Paleolithic: Abric Romaní, 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, Balma de la Griera, El Salt
- Upper Paleolithic: Molí del Salt, Costa de Can Manel, Abric de la Consagració, Cova de Valdavara, La Cativera, Balma de la Vall, Cova de les Borres, Cova Foradada, Cova dels Xaragalls
- Mesolithic: Abric Agut, Casa Corona.
- Neolithic: El Mirador, Cova de la Font Major, El Cavet, Cova Colomera, El Arenal, Cova 338.



Moreover, the following international projects and collaborations are being developed:

- Europe: Collaboration studies in prehistoric Balkans (Serbia and Montenegro), the Caucasus (Georgia, Armenia and Nagorno-Karabakh), and Grotta Rio Secco, Grotta del Cavallo, Riparo Bombrini, Balzi Rossi and Vallone Inferno (Italy).
- Africa: Project on the Pleistocene human occupations at the Eastern Morocco: Ain Beni Mathar and Guéfaït region. Principal Investigators M. Gema Chacón and Hassan Aouraghe.
- Middle East: Collaboration in the frame of zooarcheological and archeobotanical research at Qesem Cave, Jordan River Dureijat and Neshar Ramla (Israel) and collaboration with research projects in Iran (Khorramabad Valley).
- South-East Asia: Participation in the Project MARCHE - Mission Archéologique aux Philippines Origine, nature et diversité des premiers peuplements des Philippines. Site of Kalinga (Rizal, Isla de Luzón, Philippines).

The organization of our group permits to confront the challenges and scientific objectives mentioned in section C1. The number of researchers and their careers join in an interdisciplinary critical mass with high capabilities to produce new synergies and to successfully compete in European calls, as has been already exposed and achieved along the 3 last years.



Subsistence, Technology and Human Evolution (StEP)

Principal investigator: Dr. Andreu Ollé.

Researchers: Dr. Behrouz Bazgir, Dr. Isabel Cáceres, Dr. Eudald Carbonell, Dr. Rosa Huguet, Dr. Miquel Llorente, Dr. Carlos Lorenzo, Dr. Marina Lozano, Dr. Marina Mosquera, Dr. David Riba, Dr. Xosé Pedro Rodríguez, Dr. Palmira Saladié & Dr. Josep Maria Vergès.

PhD students: Ana M^a Bucchi, Esther López, Antonio Pineda, Gizéh Rangel de Lázaro & Laxmi Tumung.

Technical staff: Dr. Lucía López-Polín, Lluís Batista.

Collaborators: Dr. Lena Asryan, Dr. Amèlia Bargalló, Dr. Paula García, Dr. Patricia Martín, Dr. Antonella Pedergrana, Dr. Antonio Rodríguez, Dr. Boris D. Santander, Dr. Marcos Terradillos, Dr. Meltem Cemre Ustunkaya, Arturo de Lombera, Juan Luis Fernández, Miquel Guardiola, Raquel Hernando, Diego Lombao, Juan Marín, Juan Ignacio Martín Viveros, Sandra Val & Raquel M. Pérez.

Reference: 2017 SGR 1040

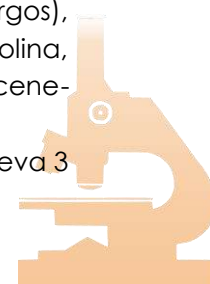
The research of this group, Subsistence, Technology and Human Evolution, aims to study Human Evolution on its biological, social and technological developments in the Pleistocene (although younger contexts are also studied). The main areas of research are palaeoanthropology, lithic technology, zooarchaeology and taphonomy, early human cognition (etoprimateology and cognitive technology), 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, and on original experimentation as a part of testable procedures.

The group “Social, Cultural and Biological Evolution during the Pleistocene (STeP)” headed by Dr. Andreu Ollé Cañellas is integrated by 13 researchers, 5 granted predoctoral students and 2 technicians (one of them PhD). Furthermore, there are 18 close collaborators (9 of them PhD). In 2017 three PhD have been defended inside the group (B. Bazgir, A. Pedergrana and B.D. Santander).

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), especially the Pleistocene sites cave sites of Sima del Elefante, Gran Dolina, Galería, Sima de los Huesos and Cueva Fantasma, as well as the Pleistocene-Holocene rock shelter site of El Mirador.
- The Lower Pleistocene sites of the Guadix-Baza Basin (Granada): Fuente Nueva 3 and Barranco León.



- The Lower Pleistocene site of Quibas (Murcia).
- The Pleistocene sites of the Calerizo de Cáceres (Cáceres): Cueva de Santa Ana and Cueva de Maltravieso.
- The Pleistocene and Holocene sites included in the project "Evolució paleoambiental i poblament prehistòric al Projecte Francolí, Gaià, Siurana i rieres del camp de Tarragona": Barranc de la Boella, la Cansaladeta, Cova dels Xaragalls, les Borres, la Cativera, Cantacorbs, Cova del Cudó, el Cavet, and surveys at la Vall and Mas d'en Llorç (Tarragona).
- The Upper Pleistocene site of Abric Romaní (Barcelona).
- The Upper Pleistocene sites of Abrigo de Navalmaillo and Cueva Des-cubierta at Pinilla del Valle (Madrid).
- The Upper Pleistocene site of El Sidrón (Oviedo).
- The Upper Pleistocene site of Cueva de Guantes (Palencia).
- The Upper Pleistocene site of Cova Foradà (Valencia).
- The Upper Pleistocene site of Cova de Dalt del Tossal de la Font (Castelló de la Plana).
- The Upper Pleistocene site Cova Eirós (Lugo).
- The Upper Pleistocene sites included in the project "Substitucions humanes i transformacions econòmiques entre el Pleistocè superior final i l'Holocè al Penedès": Balma de la Griera and Cova Foradada (Tarragona) and Cova del Mas Trader (Barcelona).

International

- The Pliocene, Lower and Middle Pleistocene sites of Aïn Bení Mathar -Guéfaït (Morocco).
- The Lower and Middle Pleistocene sites of Ain Boucherit, Ain Hanech, El-Kherba and Ternifine (Algeria).
- The Plio-Pleistocene and Lower Pleistocene sites of Gona (Ethiopia).
- The Lower Pleistocene Engel-Ela and Ramud basin sites (Eritrea).
- The Middle and Upper Pleistocene site of Azokh (Nagorno-Karabakh).
- The Upper Pleistocene sites in the Khorramabad Valley (Iran).
- The Late Pleistocene - Holocene sites in the Madonie Park (Sicily, Italia).





Overview of the research activities conducted during 2017 - X.P. Rodríguez

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 investigador: Jordi Rosell

Funder: Departament de Cultura. Generalitat de Catalunya

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

Reference: 2014/100573

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

Principal investigador: Josep Maria Vergès

Funder: Departament de Cultura. Generalitat de Catalunya

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

Reference: 2014/100574

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

Principal investigador: Jordi Agustí

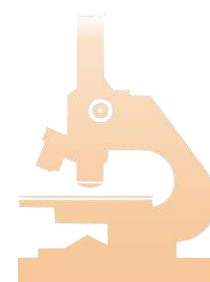
Funder: Departament de Cultura. Generalitat de Catalunya

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

Reference: 2014/100575

Abric Romaní - Cinglera de Capelló.

Principal investigador: Eudald Carbonell



Funder: Departament de Cultura. Generalitat de Catalunya

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

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-López de Pablo

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

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

Reference: HAR2013-41197-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: 01/01/2016 - 31/12/2018

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: 30/12/2016 - 29/12/2019

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: 30/12/2016 - 29/12/2019

Reference: CGL2016-80000-P

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

Principal investigators: Bienvenido Martínez, Robert Sala

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

Period: 30/12/2016 - 29/12/2019

Reference: CGL2016-80975-P

Paisajes humanizados, modelización paleoecológica y social.

Principal investigators: Javier Fernández-López de Pablo

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

Period: 01/01/2017 - 31/12/2019

Reference: IEDI-2017-00889



Europa Redes y Gestores

ICARO (International CooperAtive Research and innovation alliances Office).

Coordinator: Ignasi Salvadó (URV)

IPHES associated team members: Ignasi Pastó, Bernat Sentís

Funder: Ministerio de Economía y Competitividad (MINECO). Acciones de Dinamización de Carácter Internacional Europa Redes y Gestores 2014

Period: 01/01/2015 - 31/12/2017

Reference: EUC2014-A-51591

Marie Skłodowska-Curie actions (MSCA)

“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, Sergi Lozano

Researcher: Fabio Silva

Funder: Research Executive Agency (REA), European Commission

Period: 01/04/2016 - 31/03/2018

Reference: H2020-MSCA-IF-2014 No. 656264

“MedCoRes” Mediterranean Coastal Resources: benefits and constraints for Prehistoric hunters-gatherers

Supervisor: Francesc Burjachs

Researcher: Elodie Brisset

Funder: Research Executive Agency (REA), European Commission

Period: 01/01/2017 – 31/12/2018

Reference: H2020-MSCA-IF-2015 No. 704822

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-López de Pablo

Funder: European Research Council Executive Agency (ERCEA), European Commission

Period: 01/10/2016 - 30/09/2021

Reference: ERC-2015-CoG No. 683018

Other

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: 04/07/2016 - 30/07/2017

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

Principal investigator: Francesca Romagnoli

Funder: Wenner-Gren Foundation

Period: 25/10/2016 - 11/05/2017

Evolución del poblamiento humano durante el cuaternario en Marruecos Oriental: Aïn Beni Mathar - Guefaït (Provincia de Jerada).

Principal Investigator: Robert Sala, María Gema Chacón

Funder: Fundación Palarq

Period: 01/01/17 – 31/12/2017

The socialization of research in the digital age: the case of the Iberian archeology (DIGIBERS)

Principal Investigator: Maria del Carme Belarte

Host institution: IPHES

Funder: CERCA. R3 Pilot Project Program "Palaecology, Archaeology and Cultural Heritage"

Period: 01/02-2017 - 31/12/2017

Integrated analysis on transhumance activities in the Eastern Pyrenees: enhancing mountain Cultural Landscapes

Principal Investigator: Josep Maria Palet

Host institution: IPHES

Funder: CERCA. R3 Pilot Project Program "Palaecology, Archaeology and Cultural Heritage"

Period: 01/02-2017 - 31/12/2017

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: 2014/100638

Evolució del poblament i ús del territori al prepirineu oriental durant la prehistòria recent (8000-900 cal ane): anàlisi arqueoecològica de les dinàmiques de canvi social i de la gestió dels recursos naturals.

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: 2014/100482

Proyectos I+D

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 Investigators: Mohamed Sahnouni, Sileshi Semaw

Host institution: CENIEH

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

Period: 01/01/2014 – 31/12/2017

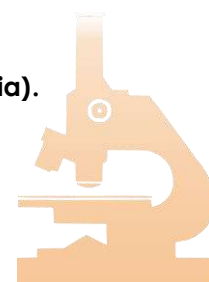
Reference: HAR2013-41351-P

Paleolítico medio y superior en la vertiente mediterránea ibérica (Valencia y Murcia).

Principal Investigators: Valentín Villaverde

Host institution: Universitat de Valencia

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



Period: 01/01/2014 – 31/12/2017

Reference: HAR2014-52671-P

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

Principal Investigator: María 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

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

Principal Investigator: Juan Luis Arsuaga

Host institution: Universidad Complutense de Madrid. Centro Mixto UCM-ISCIll 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 Alicantina. Un enfoque multianalítico.

Principal Investigators: Bertila 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

Primeras ocupaciones humanas y contexto paleoecológico a partir de los depósitos plioleistocenos de la cuenca Guadix-Baza. Zona arqueológica de la cuenca de Orce (Granada, España).

Principal Investigator: Juan Manuel Jiménez Arenas

Host institution: Universidad de Granada

Funder: Junta de Andalucía

Period: 2017-2021

Reference: ProjectOrce

Fomento de la cultura y vocaciones científicas

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

IT-632-13 Research Group. Basque Government.

Principal Investigator: Javier Fernández Eraso

Host institution: University of the Basque Country

Funder: Basque Government

Reference: IT-632-13

Period: 2013-2018

El pasado lejano: aproximación a la conducta y la ocupación del territorio en el paleolítico valenciano.

Principal Investigators: Valentín Villaverde

Host institution: Universitat de Valencia

Funder: Generalitat Valenciana

Period: 2017-2021

Reference: PROMETEO/2017/060

International

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: Céline Thiébaud

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

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

Period: 2007-2018

Projet Collectif de Recherches "Entre plaines et montagnes: espaces de subsistance et ex-pressions culturelles au Paléolithique moyen dans le Massif central (Auvergne-Ardèche)".

Principal Investigator: Marie-Hélène Moncel & Jean Paul Raynal

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

Funder: Régions Auvergne et Rhône-Alpes

Period: 2010-2018

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

Principal Investigator: Randolph Donahue, Andrew Wilson

Host institution: University of Bradford (United Kingdom)

Funder: British Arts and Humanities Research Council (United Kingdom)

Period: 2013-2018

Reference: AH/L00688X/1

ANR CemeNTAA (Cementochronology - New Techniques Applied to Archaeology).

Principal Investigator: William Rendu, Lionel Gourichon

Host institution: CEPAM (UMR 7264 CNRS), CIRHUS CNRS (UMI 3199 CNRS-NYU CIRHUS) (France)

Funder: Agence Nationale de la Recherche



Period: 10/2014-10/2017

Reference: ANR-14-CE31-0011

PROCOME Project- Prolongements continentaux de la néolithisation méditerranéenne.

Principal Investigator: Claire Manen

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

Funder: ANR - Agence Nationale de la Recherche (France)

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

Paleopersepolis “Le Bassin du Persepolis (Iran) : un laboratoire naturel pour l'étude des interactions homme-climat-écosystème au cours de l'Holocène”.

Principal Investigator: Morteza Djamali

Host institution: IMBE, France

Funder: ANR & DGF (France and Germany)

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

Reference: ANR-14-CE35-0026-01

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

Principal Investigator: Antony Borel, Emmanuelle Pouydebat

Host institution: Muséum National d'Histoire Naturelle (MNHN), UMR 7194 & UMR 7179, Paris (France)

Funder: Projets LabEx BCDiv, Agence National de la Recherche

Period: 2015-2017

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

Principal Investigator: Jérôme Ivorra, Laurence Bourguignon

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

Funder: Service Regional de l'Archéologie

Period: 2015-2017

Moving tasks across shapes: the agro-pastoralists spread towards and from the Alto Ribatejo (MTAS).

Principal Investigator: Luiz Oosterbeek

Host institution: Instituto Terra e Memória (ITM).

Funder: Fundação para a Ciência e a Tecnologia. Ministério da Educação e Ciência (Portugal)

Period: 01/11/2015 - 31/12/2019

Reference: PTDC/EPH-ARQ/4356/2014

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

Principal Investigator: Thomas 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

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

Principal Investigator: Gonen Sharon
Host institution: Tell-Hai College (Israel)
Funder: National Geographic
Period: 2016-2017

Estudio preliminar del yacimiento de Sela (Jordania).

Principal Investigator: Rocío da Riva
Host institution: Universitat de Barcelona (Spain)
Funder: ICREA- Fundació Palarq
Period: 2016-2017

Expérimentations visant à tester l'efficacité des coquilles de mollusques pour la boucherie.

Principal Investigator: Emilie Campmas
Host institution: Université de Toulouse Jean Jaurès (France)
Funder: Travaux et Recherches Archéologiques sur les Cultures, les Espaces et les Sociétés (TRACES UMR5608) (France)
Period: 2016-2017

Traçage isotopique des changements climatiques rapides à l'Holocène en lien avec l'occupation humaine dans le « croissant fertile » iranien.

Principal Investigator: Alain Veron
Host institution: CEREGE (France)
Funder: ECCOREV (France)
Period: 01/01/2016 - 31/12/2017

GlaciVAR « Reconstruction des oscillations Glaciaires dans un système 'source-to-sink' de référence : le bassin-versant du VAR ».

Principal Investigators: Samuel Toucane, Stefan Jorry, Vincent Rinterknecht
Host institution: IFREMER (France)
Funder: IFREMER - Institut Français de Recherche pour l'Exploitation de la Mer (France)
Period: 01/01/2016 - 31/12/2017

Cuna de la Humanidad: Eritrea-Valle del Rift.

Principal Investigator: Eudald Carbonell, Bienvenido Martínez- Navarro
Host institution: Fundació Atapuerca (Spain)
Funder: Fundació Palarq
Period: 01/06/2016 – 31/07/2017

Cultural and biological transformations in Middle Pleistocene (420-200 ka ago) Qesem Cave, Israel: In search for a post *Homo erectus* lineage in the Levantine corridor.

Principal Investigators: Thorsten Uthmeier, Ran Barkai, Avi Gopher
Host institution: Friedrich-Alexander-Universität Erlangen-Nürnberg. Institut für Ur- und Frühgeschichte (Germany) & University of Tel Aviv (Israel)



Funder: DFG - Deutsche Forschungsgemeinschaft (Kennedyallee, Germany)

Period: 2016-2018

Reference: 277455454

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

Principal Investigator: Thibaud Saos

Host institution: Université de Perpignan Via Domitia, EPCC-Centre Européen de Recherches Préhistoriques de Tautavel, UMR 7194 du CNRS (France)

Funder: Service Régional de l'Archéologie de la Région Rhône et Pyrénées

Period: 2016-2018

Hidden Foods.

Principal Investigator: Emanuela Crisitiani

Host institution: Cambridge University (United Kingdom)

Funder: ERC Starting Grant

Period: 2016-2019

Modelling environmental dynamics and hominin Dispersals around the Mid-Pleistocene Rev-olution (METHOD).

Principal Investigator: Jesús Rodríguez, Ana Mateos, Maria Rita Palombo, Christine Hertler

Host institution: CENIEH, (Spain), Sapienza University (Italy), Senckenberg Research Institute (Germany)

Funder: International Union for Quaternary Research (INQUA)

Period: 2016-2019

Reference: INQUA IFG 1604

The impact of climate change and climate variability on human populations during the last Glacial.

Principal Investigator: Ariane Burke

Host institution, Country: Université de Montréal (Canada)

Funder: Social Sciences and Humanities Research Council of Canada (SSHRC)

Period: 03/04/2017 - 01/04/2020

Reference: 435-2016-1158

European Network for Quaternary Taphonomy (TaphEN).

Principal Investigator: Jean Philippe Brugal

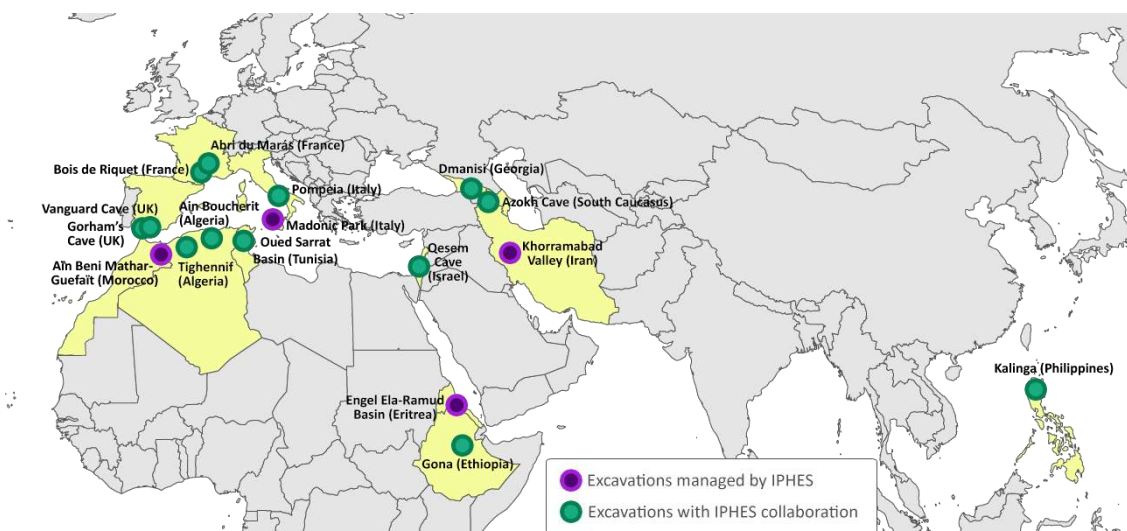
Host institution, Country: Aix-Marseille University (France)

Funder: CNRS

Period: 2017-2021

Reference: TaphEN





IPHES involvement in international fieldwork projects in 2017 – A. Rufà

Research fellowships

Ramon y Cajal (RYC)

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

Beneficiary: Sergio Lozano

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

Period: 01/01/2014 - 31/12/2018

Reference: RYC-2012-10379

Juan de la Cierva Incorporación (JCI)

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: 01/01/2016 - 31/12/2017

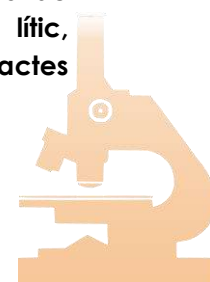
Reference: IJCI-2014-19909

Juan de la Cierva Formación (JCF)

Processos de formació dels conjunts lítics en el Paleolític Mitjà a través de l'anàlisi de diferents aspectes de la conducta: estratègies d'aprovisionament lític, precondicionaments, distribució espacial d'activitats tècniques, transport d'artefactes intrasite i extra-site, i reciclatge.

Beneficiary: Aleix Eixea

Supervisor: M. Gema Chacón



Funder: Ministerio de Economía y Competitividad (MINECO). Gobierno de España
Period: 01/01/2017 - 31/12/2018
Reference: FCJI-2015-23541

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

Supervisor: Xosé-Pedro Rodríguez, Andreu Ollé

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

Period: 16/01/2014 - 15/01/2018

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

Supervisor: Florent Rivals

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

Period: 1/04/2015 – 01/04/2018

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

Supervisor: Jordi Rosell

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

Period: 08/04/2013 - 07/04/2017

Reference: FPU12/00238

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

Beneficiary: Pedro Piñero

Supervisor: Jordi Agustí

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

Period: 08/04/2013 - 07/04/2017

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

Supervisor: Robert Sala, Alfred Sanchis, Bertila Galván

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

Period: 01/10/2014 - 30/09/2018

Reference: FPU13/01885

Formació de personal Investigador novell (FI-DGR)

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

Supervisor: Andreu Ollé

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

Period: 01/02/2014 - 31/01/2017

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

Supervisor: Palmira Saladié

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

Period: 01/03/2015 – 28/02/2018

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: Josep Francesc Bisbal-Chinesta

Supervisor: Hugues A. Blain

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

Period: 01/03/2016 - 28/02/2018

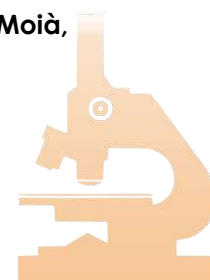
Reference: 2016FI_B 00286

Interaccions entre homínids i carnívors durant el Plistocè: Neo-Tafonomia de carnívors i la seva implicació en la ecologia dels homínids arcaics, una aproximació a partir del nivell TDW-4 de Gran Dolina (Sierra de Atapuerca, Burgos), la Cova del Toll (Moià, Barcelona) i la Cova de les Llenes (Lleida).

Beneficiary: Maria Teresa Arilla Osuna

Supervisor: Jordi Rosell

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



Period: 01/03/2017 - 28/02/2019

Reference: 2017FI_B 00286

Ayudas predoctorales Fundación Atapuerca

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

Beneficiary: Aitor Burguet

Supervisor: Ethel Allué

Funder: Fundación Atapuerca

Period: 01/02/2015 – 31/12/2017

Research granted in 2017

Apart from the above mentioned fellowships, in 2017 other postdoctoral researchers applied for competitive research grants at IPHES, whose incorporation in the center will be effective in 2018:

- Dr. John C. Willman. Postdoctoral Researcher H2020-MSCA-IF-2016, Proposal nº 749188 "Integrative Approaches to Dental Wear: Non-Masticatory Tooth-Use Across the Mesolithic-Neolithic Transition Among Iberian Foraging and Farming Societies". Scientific in charge: Dra. Marina Lozano.
- Dr. Carlos Tornero Dacasa. Betriu de Pinós – MSCA Fellowship (2016BP-00346). Scientific in Charge Dr. Florent Rivals.
- Juan Manuel López-García, Postdoctoral Researcher "Ramón y Cajal" Fellowship (RYC-2016-19386).

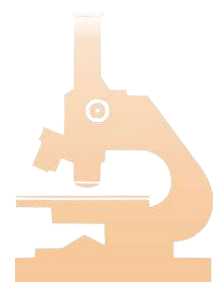
With regard to participation in research programmes and requests for international funding, in 2017 IPHES researchers participated in European calls, especially Horizon 2020 (ERC Grants, Marie S. Curie actions, societal challenges...), as well as calls from other countries, such as those from the Wenner-Gren Foundation or the Fundación Palarq. As a result of this, one of the projects awarded for the year 2017 was renewed in 2018 to excavate Aïn Beni Mathar and Guefaït sites (Morocco).



Following research career outside IPHES

Apart from them, during 2017 many researchers trained at IPHES were benefited from university and research positions and are developing their research careers outside the centre. This is a reflect of our training capacities, both in scientific terms as well as in so-called transferable skills in order to facilitate a clear perspective ins his/her professional career:

- Dr. Boris Santander, Doctorate at URV on 14th September 2017. Current Position: Faculty member, Department of Anthropology, Universidad Alberto Hurtado, Chili.
- Dra. Karina Vanesa Chichkoyan, Doctorate at URV on 29th March 2017. Current Position: Beca Interna Posdoctoral de Reinserción, CONYCET, Argentina, for 2018-2020.
- Dra. Antonella Pedergrana, Doctorate at URV on 12th June 2017. Current Position: Postdoctoral Researcher in Use-wear analysis (Pleistocene / Early Holocene Archaeology) TraCEr, Monrepos Archaeological Research Center and Museum for Human Behavioral Evolution. Neuwied, Germany.
- Dra. Paola García Medrano, Doctorate at UBU on June 2011. Current Position: MSCA Postdoctoral Researcher at British Museum (H2020-MSCA-IF-2016, Proposal number 748316).
- Francesca Romagnoli - PhD. Profesor Ayudante Doctor – Prehistoria. Dpto. Prehistoria y Arqueología. Fac. Filosofía y Letras - Universidad Autónoma de Madrid.
- Dra. Patricia Martín, Doctorate at URV on 26th November 2015. Current Position: Juan de la Cierva Formación Fellowship at Universitat de Barcelona.
- Dr. Guillermo Rodríguez Gómez, Doctorate at URV on 20th November 2015. Current Position: Juan de la Cierva Formación Fellowship at Universidad de Málaga.
- Dra. Maria Soto, Doctorate at URV on 15th June 2015. Current Position: Postdoctoral Fellowship University of Calgary, Canada. Dpt. of Anthropology and Archaeology (September 2017 – Sept 2019).



Publications



IPHES publications topic world cloud - X.P. Rodríguez

Some relevant IPHES publications



Peer reviewed articles, in journals with Impact Factor (JCR)

<i>Journal</i>	<i>papers</i>	
Quaternary International	40	35,4%
Palaeogeography, Palaeoclimatology, Palaeoecology	8	7,1%
Quaternary Science Reviews	7	6,2%
Journal of Human Evolution	6	5,3%
Scientific Reports	5	4,4%
Comptes Rendus Palevol	4	3,5%
International Journal of Osteoarchaeology	3	2,7%
The Holocene	3	2,7%
American Journal of Physical Anthropology	2	1,8%
Evolutionary Anthropology	2	1,8%
Historical Biology	2	1,8%
Journal of Archaeological Science	2	1,8%
Plosone	2	1,8%
Quaternary Research	2	1,8%
Trabajos de Prehistoria	2	1,8%

Journals with more IPHES publications in 2017 - X.P. Rodríguez

Journal	IF (2016)	Papers 2017	Research Field (ISI)	Journal Ranking (2016)	Quartile (2016)	Decile (2016)
Science	37,205	1	Mutidisciplinary	2/64	1	1
Earth System Science Data	6,696	1	Geosciences, Multid.	5/188	1	1
Molecular Biology and Evolution	6,202	1	Evolutionary Biology	5/48	1	1
Quaternary Science Reviews	4,797	7	Geosciences, Multid.	9/188	1	1
Scientific Reports	4,259	5	Mutidisciplinary	10/64	1	2
Journal of Anthropological Sciences	4,000	1	Anthropology	2/82	1	1
Journal of Human Evolution	3,932	6	Anthropology	3/82	1	1
Evolutionary Anthropology	3,733	2	Anthropology	4/82	1	1
Plosone	2,806	2	Mutidisciplinary	15/64	1	3
Journal of Archaeol. Method and Theory	2,667	1	Anthropology	6/82	1	1

IPHES publications in journals with highest Impact Factor in 2017 - X.P. Rodríguez

	2005-2013	2005-2014	2005-2015	2005-2016	2005-2017
Papers	381	462	527	666	773
Sum of the Times Cited	3600	4943	6097	9016	12655
Average Citations per Item	9,45	10,70	11,57	13,54	16,37
h-index	31	35	38	45	51

Historicum of IPHES papers citations - X.P. Rodríguez



Agustí, J., Rubio-Campillo, X., 2017. Were Neanderthals responsible for their own extinction?, *Quaternary International* 431B, 232-237.

Álvarez-Lao, D.J., **Rivals, F., Sánchez-Hernández, C., Blasco, R., Rosell, J.**, 2017. Ungulates from Teixoneres cave (Moià, Barcelona, Spain): Presence of cold-adapted elements in NE Iberia during the MIS 3. *Palaeogeography, Palaeoclimatology, Palaeoecology* 466, 287-302.

Álvarez-Posada, C., Parés, J.M., **Sala, R.**, Viseras, C., Pla-Pueyo, S., 2017. New magnetostratigraphic evidence for the age of Acheulean tools at the archaeo-palaeontological site "Solana del Zamborino" (Guadix - Baza Basin, S Spain), *Scientific Reports* 7.

Allué, E., Solé, A., Burguet-Coca, A., 2017. Fuel exploitation among Neanderthals based on the anthracological record from Abric Romaní (Capellades, NE Spain), *Quaternary International* 431A, 6-15.

Allué, E., Picornell-Gelabert, L., Daura, J., Sanz, M., 2017. Reconstruction of the palaeoenvironment and anthropogenic activity from the Upper Pleistocene/Holocene anthracological records of the NE Iberian Peninsula (Barcelona, Spain). *Quaternary International* 457, 172-189.

Amri, L., Bartolini Lucenti, S., Mtimet, M.S., Karoui-Yaakoub, N., Ros-Montoya, S., Espigares, M.-P., Boughdiri, M., Bel Haj Ali, N., **Martínez-Navarro, B.**, 2017. *Canis othmanii* sp. nov. (Carnivora, Canidae) from the early Middle Pleistocene site of Wadi Sarrat (Tunisia). *Comptes Rendus Palevol.* 16 (7), 774-782.

Arriaza, M.C., **Huguet, R.**, Laplana, C., Pérez-González, A., Márquez, B., Arsuaga, J.L., Baquedano, E. 2017. Lagomorph predation represented in a middle Palaeolithic level of the Navalmaíllo Rock Shelter site (Pinilla del Valle, Spain), as inferred via a new use of classical taphonomic criteria. *Quaternary International* 436A, 294-306.

Arsuaga, J.L., Gómez-Olivencia, A., Sala, N., Martínez-Pillado, V., Pablos, A., Bonmatí, A., Pantoja-Pérez, A., Lira-Garrido, J., Alcázar de Velasco, A., Ortega, A.I., Cuenca-Bescós, G., García, N., Aranburu, A., Ruiz-Zapata, B., José Gil-García, M., **Rodríguez-Álvarez, X.P., Ollé, A., Mosquera, M.**, 2017. Evidence of paleoecological changes and Mousterian occupations at the Galería de las Estatuas site, Sierra de Atapuerca, northern Iberian plateau, Spain. *Quaternary Research* 88, 345-367.

Asryan, L., Ollé, A., Moloney, N., King, T., Murray, J., 2017. Chemical Alteration of Lithic Artefacts: an Experimental Case Study on the effect of Guano on Stone Flakes and Its Contextualization in the Archaeological Assemblage of Azokh Cave (Southern Caucasus). *Archaeometry* 59 (6): 981-999.

Bañuls-Cardona, S., **López-García, J.M., Morales Hidalgo, J.I.**, Cuenca-Bescós, G., **Vergès, J.M.**, 2017. Lateglacial to Late Holocene palaeoclimatic and palaeoenvironmental reconstruction of El Mirador cave (Sierra de Atapuerca, Burgos, Spain) using the small-mammal assemblages. *Palaeogeography, Palaeoclimatology, Palaeoecology* 471, 71-81.



Bañuls-Cardona, S., **Martin Rodríguez, P.**, **López-García, J.M.**, **Morales, J.I.**, Cuenca-Bescós, G., **Vergès, J.M.**, 2017. Human impact on small-mammal diversity during the middle- to late-Holocene in Iberia: The case of El Mirador cave (Sierra de Atapuerca, Burgos, Spain). *The Holocene* 27 (8), 1067-1077.

Baena, J., Moncel, M.-H., Cuartero, F., **Chacón Navarro, M.G.**, Rubio, D., 2017. Late Middle Pleistocene genesis of Neanderthal technology in Western Europe: The case of Payre site (south-east France). *Quaternary International* 436A, 212-238.

Balasse, M., Tresset, A., Bălăşescu, A., Blaise, E., **Tornero, C.**, Gandois, H., Fiorillo, D., Nyerges, É.Á., Frémondeau, D., Banffy, E., Ivanova, M., 2017. Animal Board Invited Review: Sheep birth distribution in past herds: a review for prehistoric Europe (6th to 3rd millennia BC). *Animal* 11(12): 2229-2236.

Bargalló, A., **Mosquera, M.**, **Lozano, S.**, 2017. In pursuit of our ancestors' hand laterality. *Journal of Human Evolution* 111, 18-32.

Barkai, R., **Rosell, J.**, Blasco, R., Gopher, A., 2017. Fire for a Reason: Barbecue at Middle Pleistocene Qesem Cave, Israel. *Current Anthropology* 58 (S16), S314-S318.

Barker, G., Hunt, C., Barton, H., Gosden, C., **Jones, S.**, Lloyd-Smith, L., Farr, L., Nyíri, B., 2017. O'Donnell, S., The 'cultured rainforests' of Borneo. *Quaternary International* 448, 44-61.

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Bazgir, B., **Ollé, A.**, **Tumung, L.**, Becerra-Valdivia, L., Douka, K., Higham, T., van der Made, J., **Picin, A.**, **Saladié, P.**, **López-García, J.M.**, **Blain, H.-A.**, **Allué, E.**, Fernández-García, M., **Rey-Rodríguez, I.**, Arceredillo, D., Bahrololoumi, F., Azimi, M., Otte, M., **Carbonell, E.**, 2017. Understanding the emergence of modern humans and the disappearance of Neanderthals: Insights from Kaldar Cave (Khorramabad Valley, Western Iran). *Scientific Reports* 7, 43460.

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Bermúdez de Castro, J.M., Martín-Torres, M., Arsuaga, J.L., **Carbonell, E.**, 2017. Twentieth anniversary of *Homo antecessor* (1997-2017): a review. *Evolutionary Anthropology: Issues, News, and Reviews* 26, 157-171.

Bermúdez-de-Castro, J.-M., Martín-Torres, M., Martín-Francés, L., Modesto-Mata, M., Martínez-de-Pinillos, M., García, C., **Carbonell, E.**, 2017. *Homo antecessor*: The state of the art eighteen years later. *Quaternary International* 433A, 22-31.

Berto, C., Boscato, P., Boschin, F., **Luzi, E.**, Ronchitelli, A., 2017. Paleoenvironmental and paleoclimatic context during the Upper Palaeolithic (late Upper Pleistocene) in the Italian Peninsula. The small mammal record from Grotta Paglicci (Rignano Garganico, Foggia, Southern Italy). *Quaternary Science Reviews* 168, 30-41.

Blain, H.-A., Arribas, O.J., 2017. A description of the skeletal morphology of *Rana pyrenaica* (Anura: Ranidae), with comments on functional morphology, ecological adaptation and relationships with other Iberian ranids. *Zootaxa* 4319 (3), 510-530.

Blain, H.-A., Ruiz Zapata, M.B., Gil García, M.J., Sesé, C., Santonja, M., Pérez-González, A., 2017. New palaeoenvironmental and palaeoclimatic reconstructions for the Middle Palaeolithic site of Cuesta de la Bajada (Teruel, eastern Spain) inferred from the amphibian and squamate reptile assemblages. *Quaternary Science Reviews* 173, 78-91.

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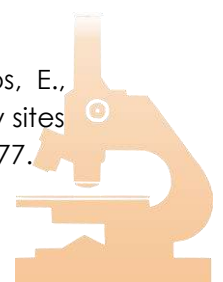
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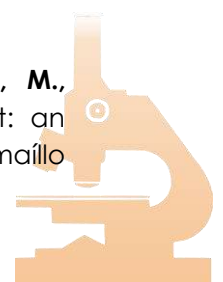
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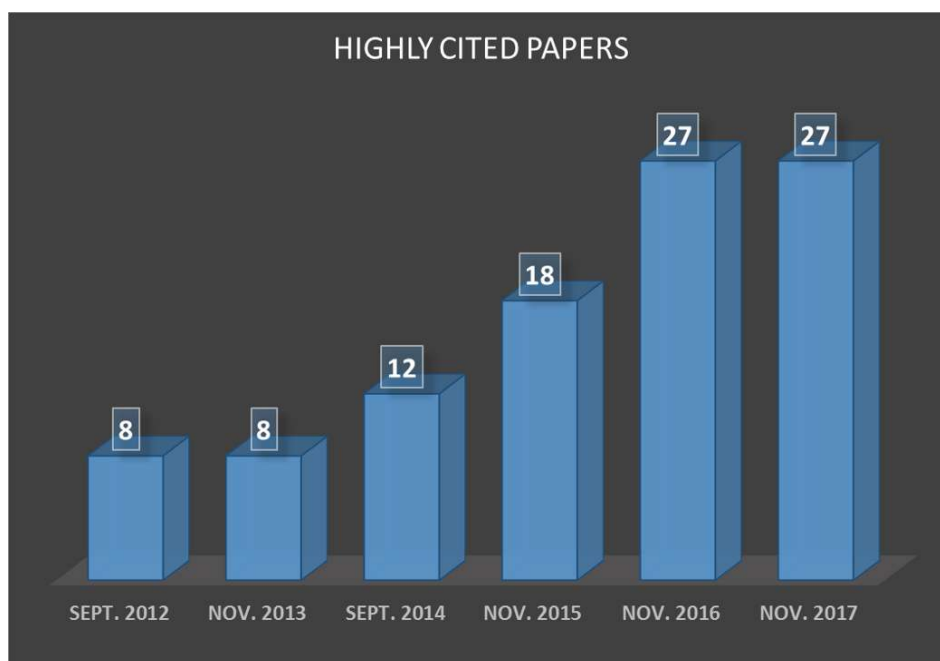
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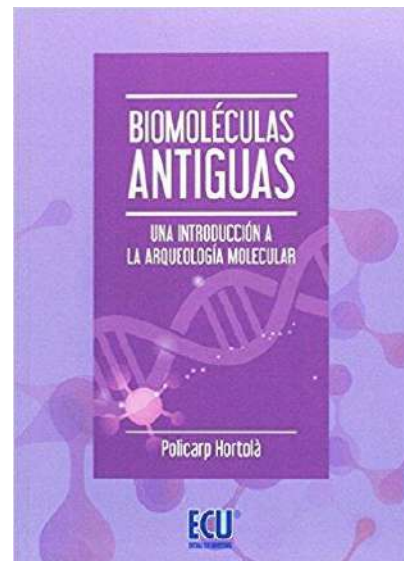
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Activity as referee

Referee of scientific articles in journals with impact factor

Ameghiniana

1 article reviewed

American Journal of Physical Anthropology

1 article reviewed

Arabian Journal of Geosciences

1 article reviewed

Archaeological and Anthropological Sciences

1 article reviewed

Archaeometry

1 article reviewed

Boreas

1 article reviewed

Chaos: An Interdisciplinary Journal of Nonlinear Science

1 article reviewed

Comptes Rendus Palevol

5 articles reviewed

Environmental Archaeology

1 article reviewed

European Journal of Wildlife Research

1 article reviewed

Fossil Imprint

1 article reviewed

Frontiers

2 articles reviewed

Geobios

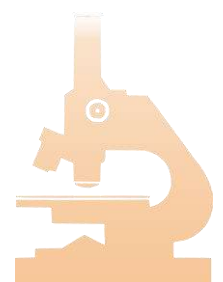
1 article reviewed

Historical Biology

4 articles reviewed

International Journal of Modern Physics B

1 article reviewed



International Journal of Osteoarchaeology

1 article reviewed

Italian Journal of Geosciences

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Nature

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Palaeogeography, Palaeoclimatology, Palaeoecology

3 article reviewed

Physical Review E

4 article reviewed

Plos One

6 articles reviewed

Royal Society Open Science

1 article reviewed

Quaternaire

2 articles reviewed



Quaternary International

10 articles reviewed

Quaternary Research

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Quaternary Science Reviews

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1 article reviewed

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1 article reviewed

Scientific Reports

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1 article reviewed

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Bolletino de la Società Paleontologica Italiana

1 article reviewed

Cambridge Archaeological Journal

1 article reviewed

Cuaternario y Geomorfología

2 articles reviewed

Culture and Cosmos

1 article reviewed

Journal of Archaeological Science: Reports

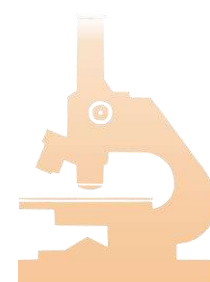
4 articles reviewed

Mètode

2 article reviewed

Nature Ecology & Evolution

1 article reviewed



Pyrenae. Journal of Western Mediterranean Prehistory and Antiquity

1 article reviewed

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1 article reviewed

Saguntum. Papeles del Laboratorio de Arqueología de Valencia

1 article reviewed

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2 articles reviewed

The Scientific Pages of Anthropology

1 article reviewed

Referee of books

Playing with the time. Experimental Archeology and the study of the past

1 chapter reviewed

Encyclopedia of Archaeological Soil and Sediment Micromorphology

Proceedings of the 1st meeting of the Bone Artefact Commission UISPP Trnava (Slovakia 2017)

Proceedings of the 3rd African Prehistory Meeting

2 chapters reviewed

Proceedings of the IV International Congress of Experimental Archeology (Experimenta)

2 chapters reviewed

La fracturation des matières osseuses en Préhistoire (SPF)

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Springer Monography

1 chapter reviewed

Referee of scholarships

Deutscher Akademischer Austauschdienst - DAAD (Germany)

1 scholarship reviewed

International Master on Quaternary and Prehistory (IMQP) (UE)

4 scholarships reviewed

International Doctorate on Quaternary and Prehistory (IMQP) (UE)

6 scholarships reviewed



Universitat Rovira i Virgili, Ajut Talent Màster

1 scholarship reviewed

Universitat Rovira i Virgili, Ajut Assistent Docent

2 scholarships reviewed

LabexMed/IMÉRA individual applications

1 scholarship reviewed

Leakey Foundation

2 scholarships reviewed

Pre-doctoral position in data collecting and meta-analysis of archaeological data for the ERC PALEODEM

Vocal committee

Referee of research projects

National

Ministerio de Economía, Industria y Competitividad (MINECO)

6 projects reviewed

International

Agence Nationale de la Recherche

1 project reviewed

Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)

1 project reviewed

Czech Science Foundation (Czech Republic)

1 project reviewed

Israeli Science Foundation

1 project reviewed

Leakey Foundation

1 project reviewed

National Geographic Society

1 project reviewed

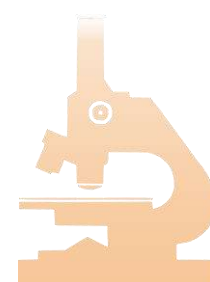
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1 project reviewed

Guest editor

Frontiers of Digital Humanities / Digital Archaeology, 1 volume

Mètode, 1 volume



Quaternary International, 7 volumes
Quaternary Science Reviews, 1 volume
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Associate editor

Advanced Geosciences
Arabian Journal of Geosciences
Bolletín du Musée D'Anthropologie Préhistorique de Monaco
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Quaternary
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Frontiers in Ecology and Evolution

Academic editor

Plos One, 24 articles managed

Consulting editor

Scientist Consultant for broadcast on public radio at "A Moment of Science", Indiana University (Bloomington, USA).

Scientific Committee

Research centers

CENIEH - Centro Nacional de Investigación sobre la Evolución Humana.

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17th International Symposium on Dental Morphology and 2nd symposium of the International Association for Paleodontology. Bordeaux, France (4-7/10/2017).

V International Congress of Experimental Archaeology. IPHES, URV, ICAC, ICRPC, Experimenta. Tarragona, Spain (25-27/10/2017).

Colloque International sur le Quaternaire Marocain (RQM9-2017). Université Cadi Ayyad, Safi, Morocco (15/11/2017-17/11/2017).

Workshop “Cambio climático y cultural en la Península Ibérica: una perspectiva geohistórica y paleoambiental”. Universidad de Oviedo & CSIC, Oviedo, Spain (18/12/2017).

XVIII UISPP (Union International des Sciences Préhistoriques et Protohistoriques). Paris, France. (04-09/06/2018).

Organization Committee

La Arqueología y las ERC Grants en España. Thematic Session. ERC's 10th Anniversary. IPHES, ICAC, ICRPC & CERCA (15/03/2017).

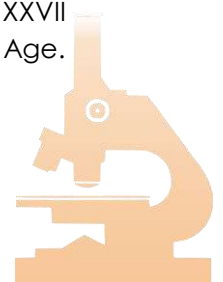
3rd African Prehistory Meeting. IPHES & URV (28-29/03/2017).

International Workshop “The Big Puzzle 30 Years After: A Shared, Multidisciplinary, Palaeolithic Perspective”. IPHES & Universitat Rovira i Virgili, Tarragona, Spain (09-11/05/2017).

IV Reunió OIKOS de Bioarqueologia. Associació Catalana de Bioarqueologia & Universitat Pompeu Fabra (26-27/05/2017).

V International Congress of Experimental Archaeology. IPHES, URV, ICAC, ICRPC, Experimenta (25-27/10/2017).

XVIII UISPP (Union International des Sciences Préhistoriques et Protohistoriques). Paris, France. June 4th-9th, 2018. Organization of sessions and Vice-president of the XXVII Commission: Settlement Dynamics of the Middle Paleolithic and Middle Stone Age. Scientific committee.



Fieldwork activity

Archaeological/Palaeontological excavations directed by IPHES

Catalonia

Archaeological site: **Abric de la Consagració**

Location: Capellades (Barcelona)

Chronology: Upper Pleistocene

Director: **Manuel Vaquero, Andrea Picin**

Archaeological site: **Abric Romani**

Location: Capellades (Barcelona)

Chronology: Upper Pleistocene

Director: **Eudald Carbonell**

Archaeological site: **Barranc de la Boella**

Location: La Canonja (Tarragona)

Chronology: Early Pleistocene

Directors: **Josep Vallverdú, Palmira Saladié**

Palaeontological site: **Camp dels Ninots**

Location: Caldes de Malavella (Girona)

Chronology: Later Pliocene and Upper Paleolithic

Directors: **Jordi Agustí, Gerard Campeny, Bruno Gómez de Soler**

Archaeological site: **La Cansaladeta**

Location: La Riba (Tarragona)

Chronology: Middle Pleistocene

Directors: **Josep Maria Vergès, Andreu Ollé**



Fieldwork at Barranc de la Boella - A. Ollé





Camp dels Ninots site - B. Gómez

Archaeological site: **Cantacorbs**

Location: Rojals - Montblanc (Tarragona)

Chronology: Late Pleistocene-Holocene

Directors: **Gala García-Agudo, Juan Luis Fernández, Josep Vallverdú**

Archaeological site: **La Cativera**

Location: El Catllar (Tarragona)

Chronology: Upper Pleistocene-Holocene

Director: **Josep Maria Vergès**

Archaeological site: **El Cavet**

Location: Cambrils (Tarragona)

Chronology: Neolithic

Directors: **Josep Maria Vergès, Marta Fontanals**

Archaeological site: **Cova de Les Borres**

Location: La Febró (Tarragona)

Chronology: Upper Palaeolithic

Directors: **Josep Vallverdú, María Soto**

Archaeological site: **Cova del Cudó**

Location: Mont-ral (Tarragona)

Chronology: Upper Palaeolithic- Bronze Age

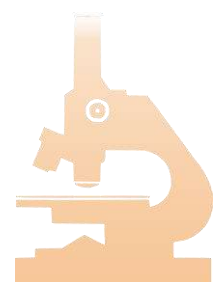
Director: **Josep Maria Vergès**

Archaeological site: **Cova de les Llenes**

Location: Conca de Dalt (Lleida)

Chronology: Middle Pleistocene

Directors: **Jordi Rosell, Maite Arilla**





Cova de les Teixonereres site - F. Rivals

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

Location: Moià (Barcelona)

Chronology: Late Pleistocene

Directors: **Jordi Rosell**, Ruth Blasco, **Florent Rivals**

Archaeological site: **Cova dels Tritons**

Location: Senterada (Lleida)

Chronology: Upper Pleistocene

Directors: **Maite Arilla**, Ruth Blasco

Archaeological site: **Cova dels Xaragalls**

Location: Vimbodí i Poblet (Tarragona)

Chronology: Late Pleistocene-Holocene

Directors: Sandra Bañuls, Antonio Rodríguez-Hidalgo, **Josep Vallverdú**

Archaeological site: **Molí del Salt**

Location: Vimbodí i Poblet (Tarragona)

Chronology: Upper Paleolithic

Directors: **Manuel Vaquero**, **Susana Alonso**

Palaeontological site: **Seguiment arqueopaleontològic Camp dels Ninots**

Location: Caldes de Malavella (Girona)

Chronology: Later Pliocene and Upper Paleolithic

Directors: David Riba, **Bruno Gómez de Soler**, **Gerard Campeny**

National

Archaeological site: **Arenal de la Virgen**

Location: Villena (Alicante)

Chronology: Early Mesolithic

Directors: **Javier Fernández-López de Pablo**, **Magdalena Gómez Puche**



Archaeological site: **Baza 1**

Location: Baza (Granada)

Chronology: Pliocene

Directors: Javier Luengo, Sergio Ros-Montoya, **Bienvenido Martínez-Navarro**

Archaeological site: **Casa Corona**

Location: Villena (Alicante)

Chronology: Early Mesolithic – Bronze Age

Directors: **Javier López Fernández de Pablo, Magdalena Gómez Puche**



Casa Corona site - J. Fernández

Archaeological site: **Cova Eirós**

Location: Triacastela (Lugo)

Chronology: Middle-Upper Palaeolithic; Holocene

Directors: **Arturo de Lomberra Hermida, Xosé Pedro Rodríguez**

Archaeological site: **Cova Negra**

Location: Xàtiva (Valencia)

Chronology: Middle Palaeolithic

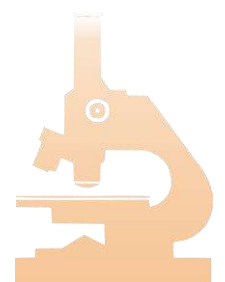
Directors: **Aleix Eixea, Valentín Villaverde**

Archaeological site: **Cueva de Santa Ana**

Location: Cáceres (Cáceres)

Chronology: Lower-Middle Pleistocene

Director: **Antoni Canals**



Archaeological site: **Fuente Nueva 3**

Location: Orce (Granada)

Chronology: Early Pleistocene

Director: **Deborah Barsky**

Archaeological site: **Quibas**

Location: Abanilla (Murcia)

Chronology: Early Pleistocene

Directors: **Jordi Agustí**, Antonio Rosas, **Pedro Piñero**

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

Location: Ibeas de Juarros (Burgos)

Chronology: Pleistocene-Holocene

Directors: **Eudald Carbonell**, Juan Luís Arsuaga, José María Bermúdez de Castro



Cueva Fantasma site - A. Ollé

International

Archaeological site: **Aïn Beni Mathar-Guefaït**

Location: Jerada (Morocco)

Chronology: Miocene-Pleistocene

Directors: Hassan Aouraghe, **Robert Sala**, **María Gema Chacón**

Archaeological site: **Engel Ela-Ramud Basin: Ado Qwaleh, Gamaré**

Location: Engel Ela (Eritrea)

Chronology: Mio-Plio-Pleistocene

Directors: **Bienvenido Martínez-Navarro**, **Eudald Carbonell**, **Tsegai Medin**



Archaeological site: **Fonte Castellaro**
 Location: Palermo (Italy)
 Chronology: Upper Palaeolithic-Bizantine period
 Director: **Josep Maria Vergès**



Guefaït fieldwork - A. Rodríguez

Sampling surveys managed by IPHES

Paleoecological surveys at Corral Mas del Pepet

Location: Montblanc (Tarragona)
 Chronology: Holocene

Paleoecological surveys at TD10-3 (Gran Dolina site, Sierra de Atapuerca)

Location: Atapuerca (Burgos)
 Chronology: Pleistocene

Paleoecological surveys at Pego

Location: Pego (Alacant)
 Chronology: Holocene

Archaeological/Palaeontological excavations not directed by IPHES

Catalonia

Archaeological site: **Cova 338**

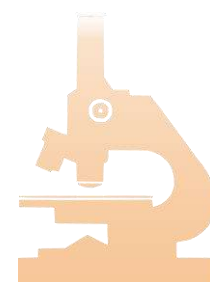
Location: Ribes de Freser (Girona)
 Chronology: Middle Neolithic-Roman times
 Directors and institution: Josep Maria Palet, Lidia Colominas (ICAC)

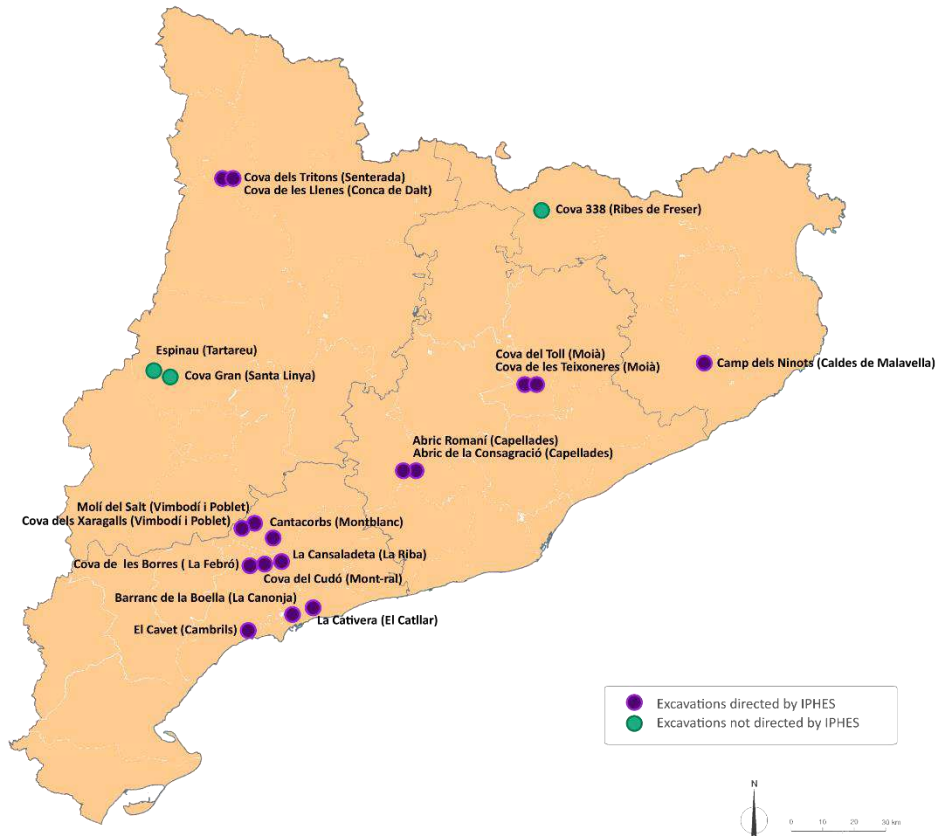
Archaeological site: **Cova Gran**

Location: Santa Linya (Lleida)
 Chronology: Upper Pleistocene-Holocene
 Director and institution: Rafael Mora (CEPAP-UAB)

Archaeological site: **Espinau**

Location: Tartareu (Lleida)
 Chronology: Late Cretaceous
 Directors and institution: Angel Galobart, Victor Fondevilla (ICP)





Catalan sites with IPHES participation in 2017 - A. Rufà

National

Archaeological site: **Abric del Pastor**

Location: Alcoy (Alacant)

Chronology: Upper Pleistocene

Director and institution: Bertila Galván (Universidad de La Laguna)

Archaeological site: **Cova del Bolomor**

Location: Tavernes de la Valligna (Valencia)

Chronology: Middle Pleistocene

Directors and institution: Josep Fernández Peris, Pablo Sañudo (Museu de Prehistòria de València), Ruth Blasco (CENIEH)

Archaeological site: **Cova de les Malladetes**

Location: Barx (Valencia)

Chronology: Upper Palaeolithic

Directors and institution: Valentín Villaverde (Universitat de València), Alfred Sanchis (Museu de Prehistòria de València)

Archaeological site: **Cueva de Guantes**

Location: Villanueva de Arriba (Palencia)

Chronology: Upper Pleistocene

Directors and institution: Jesús Rodríguez, Ana Mateos (CENIEH)





Abric del Pastor site - L.J. Pérez

Archaeological site: **Des-cubierta**

Location: Pinilla del Valle (Madrid)

Chronology: Middle Paleolithic

Directors and institution: Enrique Baquedano (MAR-Madrid), Juan Luís Arsuaga (UCM), Alfredo Pérez-González (CENIEH)

Archaeological site: **El Salt**

Location: Alcoy (Alacant)

Chronology: Upper Pleistocene

Directors and institution: Bertila Galván, Cristo Henández (Universidad de La Laguna)

Archaeological site: **Yacimientos de Orce: Barranco León-5, Venta Micena**

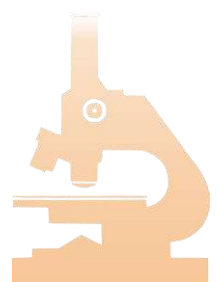
Location: Orce (Granada)

Chronology: Early Pleistocene

Director and institution: Juan Manuel Jiménez Arenas (Universidad de Granada)



Cueva de Guantes site - A. Ollé





Spanish sites with IPHES participation in 2017 - A. Rufà

International

Archaeological site: **Bois de Riquet**

Location: Lezignan-la-cebe (France)

Chronology: Early Pleistocene

Director and institution: Laurence Bourguignon (INRAP)

Archaeological site: **Dmanisi**

Location: Dmanisi (Georgia)

Chronology: Early Pleistocene

Director and institution: David Lordkipanidze (Georgian National Museum)

Archaeological site: **Gona**

Location: Afar Region (Ethiopia)

Chronology: Pleistocene

Directors and institution: Sileshi Semaw, (CENIEH), Michael Rogers (Southern Connecticut State University)

Archaeological site: **Oued Sarrat Basin**

Location: Oued Sarrat (Tunisia)

Chronology: Middle and Late Pleistocene

Director and institution: Narjess Karoui-Yaakoub (University of Carthage)





Gona site - I. Cáceres

Archaeological site: **Kalinga**

Location: Rizal (Philippines)

Chronology: Middle Pleistocene

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

Archaeological site: **Pompeia**

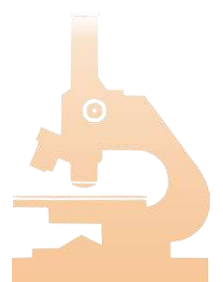
Location: Pompeia (Italy)

Chronology: Roman period (Republic and Empire)

Director and institution: Michael Anderson (State University of San Francisco, EEUU)



Kalinga site - M.G. Chacón



Congresses, Workshops & Seminars

Congresses and Workshops organized by IPHES

3rd African Prehistory Meeting

Venue: Tarragona (Spain)

Date: 28th-29th March

Organizers institution: IPHES & URV

An international congress organized by IPHES gathered in Tarragona the best prehistorians about Africa on 28th and 29th March, in the auditorium of the "Paranimf del Rectorat" of the Universitat Rovira i Virgili (URV). The opening ceremony took place on Tuesday at 9 am and was attended by Josep Anton Ferré, URV's rector; Robert Sala, IPHES' director; Abdelaziz Jatim, General Consul of the Kingdom of Morocco in Tarragona, Lleida and Aragó, and Begoña Floría, deputy mayor of Tarragona's town hall.



The 3rd African Prehistory Meeting aimed, as in the previous two editions (Madrid 2013 and Burgos 2015) to be a meeting point of African researchers (archaeologists, paleoanthropologists, palaeontologists, geologists...) with the aim of sharing and disseminate the results obtained in the field work and the subsequent study in the laboratory during the last years and share the main results obtained in this field. At the same time, this congress wanted to foster contacts between scientists and students from different countries and promote spaces for collaborative research.

There were 85 participants coming from different research centers both national and international universities (European and African). 28 oral communications and 11 posters were presented. In addition, every day, the dissemination session begun with an expert conference from important research projects in Africa. In this way, on Tuesday 28 was the turn of Manuel Will (University of Cambridge – UK & University of Tübingen – Germany) about "Sibudu Cave" in South Africa and on Wednesday 29 Sandrine Pratt (Muséum National d'Histoire Naturelle de París – France) introduced the "West Turkana Archaeological Project (ETAP)" and the Lomekwi's archaeological site in Kenya.

During the Conference the results of the main research projects that IPHES and other Spanish institutions are developing in Africa were presented, most of them on the first human occupations in this continent. In addition, a large number of themes were debated in relation to prehistory and human Evolution during the Pleistocene and Holocene (last 2.5 million years to date) in Africa.





Opening ceremony of the 3rd African Prehistory Meeting - IPHES

ORAL PRESENTATIONS:

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

Title: Crocodiles In The Diet Of The First Oldowan Toolmakers: Evidence From OGS-6 at Gona (Afar, Ethiopia).

Authors: **Martínez-Navarro, B.**, **Carbonell, E.**, **Medin, T.**, Oms, O., **Rodríguez, X.P.**, Ros-Montoya, S., Araia, D., Zerai, A., Ghirmay, M., Yohannes, H., Mehare, H., Libsekal, Y.

Title: A new Neogene-Quaternary archeo-paleontological site in Eritrea: the Engel Ela-Ramud Basin.

Authors: **Martínez-Navarro, B.**, Karoui-Yaakoub, N., Oms, O., Amari, L., **López-García, J.M.**, Zerai, K., **Blain, H.-A.**, Mtimet, M.S., Espigares, M.P., Ben Haj Ali, N., Ros-Montoya, S., Bougdhiri, M., **Agustí, J.**, Khayati-Ammar, H., Maaloui, K., Om El Khir, M., **Sala, R.**, Othmani, A., Hawas, R., **Gómez-Merino, G.**, **Solè, À.**, **Carbonell, E.**, Palmquist, P.

Title: The early Middle Pleistocene archaeopaleontological site of wadi Sarraf (Tunisia).

Authors: **Ollé, A.**, **Asryan, L.**, García-Medrano, P., Morales, J.I., Arroyo, A., Benito-Calvo, A., de la Torre, I.

Title: Functional Study of Basalt Cleavers from Mieso (East-Central Ethiopia).

Authors: Sahnouni, M., Abdessadok, S., Pérez-González, A., Duval, M., Parés, J.M., van der Made, J., Harichane, Z., Oulaghraif, K., Chelli Cheheb, R., Arnold, L., Derradji, A., Agustí, A., Medig, M., **Cáceres, I.**, Mouhoubi, Y., Chibane, S., Hamlat, A., Saidanii, N., Chemerik, F.

Title: The hominin site of Tighennif (Algeria) revisited: New investigations on *Homo erectus* behavior and adaptation.

Authors: : **Sala-Ramos, R.**, Aouraghe, H., **Chacón, M.G.**, **Agustí, J.**, Álvarez, C., Arnold, L., Bengarmra, S., Benito-Calvo, A., **Blain, H.-A.**, **Burjachs, F.**, **Canals, A.**, Carrancho, Á., **de Lombera-Hermida, A.**, Duval, M., El Atmani, A., El Harradji, A., El Hammouti, K., **Expósito,**



I., Haddoumi, H., **Lorenzo, C.**, Van der Made, J., **Menéndez, L.**, Parés, J.M., Oujaa, A., **Piñero, P.**, **Rivals, F.**, Rodríguez-Hidalgo, A., Souhir, M., **Soto, M.**, Tariño, A., Villalain, J.J., **Viñas, R.**

Title: Guefaït 4 (Eastern Morocco). A new paleontological site in an open wet environment.

Authors: Sileshi S., Rogers, M., **Cáceres, I.**, Stout, D., Levin, N., Stinchcomb, G.

Title: The Gona Archaeological Investigations, Afar, Ethiopia: Overview Of Major Research Results.



3rd African Prehistory Meeting oral and poster presentations - IPHES

POSTERS:

Authors: **Agustí, J.**, **Piñero, P.**, **Blain, H.-A.**, Aouraghe, H., Hadoumi, H., El Hammouti, K., **Chacón, M.G.**, **Sala, R.**

Title: The Early Pleistocene small vertebrates from Guefaït 4 (Jerada, Morocco).

Authors: **Gómez-Merino, G.**, **Solè, À.**, Karoui-Yaakoub, N., Khayati-Ammar, H., Othmani, A., **Martínez-Navarro, B.**



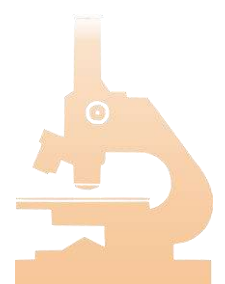
Title: Conservation of a bovid cranium (*Bos primigenius*) from the early Middle Pleistocene archeopaleontological site of Wadi Sarrat (Tunisia).

Authors: **Moreno, E., Chacón, M.G., Sala-Ramos, R.**, Aouraghe, H.

Title: Conservation and restoration of the Pleistocene Paleontological sites of Aïn Beni Mathar-Guefaït (Jerada, Morocco).

Authors: Oudouche, H., **Vaquero Rodríguez, M.**, Mikdad, A., Nami, M., Peretto, C.

Title: Le débitage kombewa et sa signification comportementale a Ifri n'Ammar (Rif oriental, Maroc).



International Workshop “The big puzzle 30 years after. A shared, multidisciplinary, Palaeolithic perspective”

Venue: Tarragona (Spain)

Date: 9th -11th May

Organizer institutions: IPHES & Universitat Rovira i Virgili

An archaeological site is the result of a series of events that overlap at different levels through time. Archaeological remains generated by bone breaking and the sculpting of stone blocks are deposited in each of these strata. Refitting the pieces belonging to the same bone or block is an arduous task, but very useful for understanding an endless array of aspects related to human evolution.



The Big Puzzle 30 Years After
A shared, multidisciplinary, Palaeolithic perspective

With the aim of exchanging experiences, understanding the multidisciplinary applications of reassembly, and its reconstruction in 3D, as well as agreeing on criteria for its use, an international workshop was held that brought together the experts in this field. Entitled *The Big Puzzle 30 Years After: A shared, multidisciplinary, Palaeolithic perspective*, it took place from 9th to 11th May, in Sala de Graus of Campus Catalunya at the Universitat Rovira i Virgili (URV), in Tarragona.

The title refers to the conference held three decades ago at the Monrepos Archaeological Research Centre and Museum in Neuwied, Germany. It was there that the importance of reassembly was first verified as a method for analyzing the technical, economic and social behaviour of past populations. The publication from that conference and the data that has appeared since have shown not only that reassembly is very useful for research, but have also led to new lines of investigative work.



International workshop opening ceremony - IPHES



The workshop was organized by the IPHES' members Francesca Romagnoli and Manuel Vaquero, and it was sponsored by the Wenner-Gren Foundation, a United States foundation that funds research of excellence in the field of anthropology, prehistory and the study of human evolution.

IPHES deliberately linked this workshop to the symposium held in Germany in 1987, intending to reflect on the development of this technique over the last 30 years, and see whether the expectations generated at that time have been achieved. IPHES is a leader in the study of reassembly and has developed an analysis protocol that has enabled innovative work to be developed on the recycling, techno-economic, and social organization of Neanderthal communities. At the workshop, IPHES presented new data from the Abric Romani site (Capellades, Barcelona), a world reference site for work on the social organization of *Homo neanderthalensis*, as well as from the Gran Dolina site in the Sierra de Atapuerca.

Reassembly allows researchers to identify what types of actions were carried out at a site, as well as their number and frequency, in addition to detecting the temporal and spatial relationships between the different events. For example, how a certain material was introduced into the archaeological site and where it came from, how tools were made, and so on. In this way, one can ascertain aspects of the economy of hominid groups, the length of time they remained in a place, and the size and organization of the human population that lived there. It also reveals whether the materials have been reused, and the importance of recycling to these hominids.

In addition, reassembly can be applied when analyzing wildlife. This allows us to understand, for example, how humans shared and distributed food in the past.



International workshop practical session - IPHES

The workshop was attended by top-level experts who apply reassembly in an interdisciplinary way to better understand what life was like in the Paleolithic era. The participants include scientists from leading research institutes, such as UCL (University College London), and reference centers in the study of Prehistory, such as the University of Tübingen in Germany, the Autonomous Universities of Madrid and Barcelona, the



University of La Laguna, the University of Ferrara, the Anthropos Museum of Brno, and the Monrepos Museum where the original conference took place.



Participants at the International Workshop - IPHES

ORAL PRESENTATIONS:

Authors: **López-Ortega, E., Rodríguez-Álvarez, X.P., Ollé, A.**

Title: Lithic refits as a tool to reinforce post-depositional analysis.

Authors: **Rosell, J.,** Fernández-Laso, M. C., **Modolo, M.,** Blasco, R.

Title: Refitting bones to reconstruct the human behaviour: the case of the Abric Romaní (Capellades, Barcelona, Spain).

Authors: **Romagnoli, F., Vaquero Rodríguez, M.,** Bargalló, A., **Chacón, M.G., Gómez de Soler, B., Picin, A.**

Title: Technical events and productive fragmentation: Using refits to understand Neanderthal techno-economy.

Authors: **Vaquero Rodríguez, M., Romagnoli, F.,** Bargalló, A., **Chacón, M.G., Gómez de Soler, B., Picin, A.**

Title: Lithic refitting and intra-site artefact transport: A view from the Middle Palaeolithic.



V International Congress of Experimental Archaeology

Venue: Tarragona (Spain)

Date: 25th -27th October

Organizer institutions: IPHES, URV, ICAC, ICRPC, Experimenta



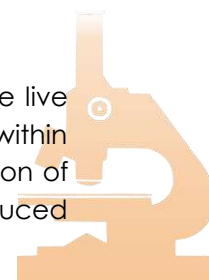
In the last decades, the archaeology has produced a higher interest in the experimental methodology used to validate hypothesis about the archaeological formation processes, the technology and the ways of living of past communities. Thus, the main specialists use the experimental reproduction as the way to reconstruct the environmental conditions and the behavioural patterns of the past human groups.

Within this context, Tarragona hosted the V International Congress of Experimental Archaeology, between the 25th and 27th of October. This was co-organized by three Catalan Research Centres, IPHES (Institut Català de Paleoeologia Humana i Evolució Social), ICAC (Institut Català d'Arqueologia Clàssica), ICRPC (Institut Català de Recerca en Patrimoni Cultural) and the EXPERIMENTA association. These conferences count also with the collaboration of the Port of Tarragona and the Universitat Rovira i Virgili (URV).

The Congress attended two days to theoretical presentations, both oral and poster communications, and discussion (25th and 26th October) and a day for the presentation of experiments, demonstrations and workshops (27th October). The theoretical sessions held in the Aula Magna of Facultat de Lletres of the Universitat Rovira i Virgili. The practical day took place in the facilities of the Port of Tarragona, Refugi 4 and in the Port of Tarragona Museum.

The theoretical sessions were organized by large thematic blocks: From hunter-gatherers to producer societies; from the beginning of complex societies to the present; and didactics, dissemination and value-added of heritage.

The practical day was divided into two parts. The morning will be devoted to the live experiments, workshops and demonstrations to generate a proactive discussion within the participants to the congress. Some of these activities were related to the action of tying, from the first hunter-gatherers to nowadays. So, the specialists reproduced



prehistoric hafting, ropes and basketry, looms, fishing nets, etc... During the afternoon, these activities opened to the general public in an attempt to bring experimental archaeology to the society.



V International Congress of Experimental Archaeology opening ceremony - IPHEE

ORAL PRESENTATIONS:

Authors: **Asryan, L., Ollé, A.**, Moloney, N., Fernández-Jalvo, Y.

Title: Bears (Ursidae) in action: An experimental case study with lithic artefacts.

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

Title: Mollusk shells as tools, a proxy for ancient human lineage coastal adaptation: Investigation of their effectiveness for carcass processing activities.

Author: **Cueva-Temprana, A., Geribàs, N., Mosquera, M., Lombao, D.**

Title: The lithic knapping gestural catalogue and its implication to Lower and Middle Pleistocene lithic industries.

Authors: **Fernández-Marchena, J.L., Rabuñal, J.R., Soares, M.**

Title: Entre huellas, fracturas e iridiscencias. Identificación de huellas diagnósticas de proyectil en cristal de roca.

Authors: García-Medrano, P., **Pedergrana, A., Asryan, L., Ollé, A.**, Benito-Calvo, A.

Title: The quartzite cleavers from Atapuerca (Burgos, Spain): the standardization of shape.

Authors: **Martín-Viveros, J.I., Ollé, A.**

Title: A preliminary step in the identification of degraded residues in experimental flint tools.

Author: **Lombao, D., Guardiola, M., Mosquera, M.**

Title: From speech to gesture: the role of different mechanisms of social transmission in acquiring the manual gestures of lithic technology.



Authors: **Luengo-Cortés, S.M., Fernández-Marchena, J.L., Sánchez-Martínez, J., Kheloufi, S., Ollé, A., Alonso, S., Vaquero, M.**

Title: ¿Lustre de cereal en el Magdaleniense? Experimentación secuencial para diferenciar variedades vegetales leñosas y no leñosas.

Authors: **Ollé, A., Asryan, L.,** García-Medrano, P., Morales, J.I., **Pedergrana, A.,** Arroyo, A., Benito-Calvo, A., de la Torre, I.

Title: Setting up a methodology for the functional study of basalt cleavers from Mieso (East-Central Ethiopia).

Authors: **Tiffon, S., Barsky, D.,** Bargalló, A., **Vergès, J.M., Guardiola, M.,** Garcia Solano, J., Jimenéz Arenas, J.M., **Sala, R.,** Toro-Moyano, I.

Title: Active percussion instruments from the Oldowan site of Barranco León (Orce, Andalucía, Spain).

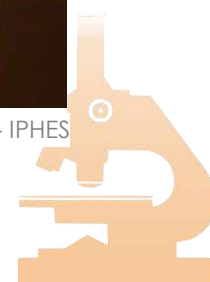
Authors: **Tornero, C., Burguet-Coca, A.,** Colominas, L., Gallego, A., **Rivals., F.,** Palet, J. M.,
Title: Programa de referenciales de población ovina para los estudios de microdesgaste dentario, isótopos estables y coprólitos en la Península Ibérica.

Authors: Vettese, D., Marín, J., Borel, A., Arzarello, M., Blasco, R., **Cáceres, I.,** Moncel, M-H., Thun Hohenstein, U., Daujeard, C.

Title: Between intuitiveness and standardization: an experiment on marrow extraction process.



V International Congress of Experimental Archaeology oral presentations - IPHES





Exhibition of experimental works - IPHES

POSTERS:

Authors: **Barsky, D., Vergès, J.M., Tifton, S., Guardiola, M., Sala, R.,** Toro-Moyano, I.
 Title: Heavy-duty scrapers: their emergence and significance in ancient stone toolkits.

Authors: **Burguet-Coca, A., Expósito, I.**
 Title: Building a fumier: following the trail of the vegetable microremains.

Authors: Bustos-Pérez, G., **Vaquero, M.,** Baena, J.
 Title: Combining indexes of reduction to obtain proxies of volume lost on retouched implements: an experimental approach.

Authors: **Mas, B., Burguet, A., Allué, E.**
 Title: Does firewood quality matters? An experimental program to understanding fuel selection patterns in Palaeolithic hearths.

Authors: Monrós, M., Belarte, C., **Allué, E., Batista, L.,** Camañe, P., Canela, J., Doménech, G., **Fontanals, M.,** Olmos, P., Principal, J., Rojas, A.
 Title: Projecte DIGIBERS. La socialització de la recerca en l'era digital: el cas de l'arqueologia ibèrica.

Authors: **Lozano, M.,** Willman, J., Subirà, M.E.
 Title: Experimentation in Dental Anthropology: Understanding cultural wear patterns.

Authors: **Pineda, A., Cáceres, I., Saladié, P., Huguet, R.,** Rosas, A., **Vallverdú, J.**
 Title: Efectos del tumbling y su aplicación a depósitos arqueológicos: el caso del Barranc de la Boella (La Canonja, Tarragona).



Authors: **Télez, E., Saladié, P., Pineda, A., Cáceres, I.,** Marginedas, F., Marín, J.

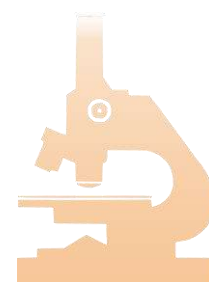
Title: Desarrollo experimental sobre cambios de coloración en huesos alterados térmicamente para su aplicación en el registro del Abric Romaní.

Authors: **Tumung, L., Bazgir, B.,** Borel, A., **Ollé, A.**

Title: Reconstructing the subsistence patterns of Kaldar cave through functional analysis, Khorramabad Valley, Western Iran.



Participants at the V International Congress of Experimental Archaeology group photo - IPHES



Congresses, Workshops & Seminars attended by IPHES

National

La Arqueología y las ERC Grants en España. Sesión Temática en el marco del 10º Aniversario del Consejo Europeo de Investigación (ERC)

Venue: Tarragona (Spain)

Date: 15th March

Organizer institutions: IPHES, ICAC, ICRPC & CERCA

Discussion Chairman: **Xosé Pedro Rodríguez-Álvarez**

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

Oral presentation: PALEODEM Late Glacial and Postglacial Population History and Cultural Transmission in Iberia (c.15000-8000).



ERC Grants thematic session - IPHES

IV Reunió OIKOS

Venue: Barcelona

Date: 25th -26th May

Organizer institutions: Associació Catalana de Bioarqueologia & Universitat Pompeu Fabra

Authors: Ferratges-Kwekel, E., **Tornero, C.**, Villarroja, I., Alcalde, G., Saña, M.

Oral presentation: Aproximació a l'estudi de les pràctiques culinàries a través de les restes de fauna termoalterades mitjançant espectrometria infraroja FTIR-ATR.

Authors: Gabucio, M.J., **Pérez Luis, L.J.**

Oral presentation: Recursos Metodològics para la Disección de Palimpsestos Arqueológicos a partir del Registro Faunístico Paleolítico.



Authors: Gallego, A., **Rivals, F.**, Colominas, L., Palet, J.M.

Oral presentation: Estudi de l'alimentació de ramats ovins i de l'explotació del medi en un gradient altitudinal (nordest de la península Ibèrica) durant el període romà: una aportació des del microdesgast dentari.

Authors: Garcia-Reig, S., **Tornero, C.**, Bosch, À., Tarrús, J., Saña, M.

Oral presentation: Reconstrucció dels patrons reproductius estacionals d'*Ovis aries* a inicis del neolític mitjançant l'anàlisi seqüencial d'isòtops estables ($\delta^{18}O$) a la Cova de l'Avellaner (Garrotxa, Girona).

Authors: Maroto, J., **Rivals, F.**, **Vaquero, M.**, **Allué, E.**, Millan, F., Álvarez, M., Rufí, I., Ventura, H., Albizuri, S., **Alonso, S.**, **López-García, J.M.**, Roqué, C., Julià, R.

Oral presentation: La Zona Externa del Cau del Roure (Serinyà): un lloc d'activitat de les hienes amb intervenció dels humans neandertals a finals del plistocè mitjà.

Authors: Merino Martínez, G.-O., **Rivals, F.**, Saña Seguí, M.

Oral presentation: Variabilitat en les pautes d'alimentació dels ramats domèstics durant el neolític en el NE peninsular: aproximació a l'estudi de la gestió animal a partir del microdesgast dentari.

Authors: Navarrete, V., Colonese, A.C., **Tornero, C.**, Antolín, C., Von Tersch, M., Subirà, E., Comes, P., Rosell-Melé, A., Saña, M.

Oral presentation: Variabilitat en la gestió de les poblacions de suïds a inicis del neolític al nord-est de la península Ibèrica: una visió interdisciplinària.

Authors: Rodríguez-Antón, D., Albert, R.M., Obe, L., Gassiot, E., Pérez-Obiol, R., **Burjachs, F.**, Antolín, F., Bonet, A.

Oral presentation: Primeres evidències d'antropització del paisatge en àrees de muntanya: l'ocupació de la vall de Sant Nicolau al Pirineu central durant el neolític (7,5–4,5 ka cal BP).

Jornadas sobre Proyectos ERC de los ámbitos de la arqueología y la biofísica

Venue: Santa Cruz de Tenerife (Canarias)

Date: 12th June

Organizer institution: Universidad de la Laguna

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

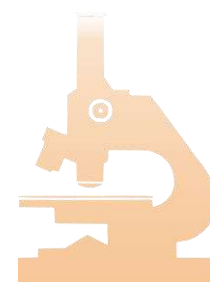
Oral presentation: PALEODEM Late Glacial and Postglacial Population History and Cultural Transmission in Iberia (c.15000-8000).

Workshop sobre Trinchera del Ferrocarril

Venue: CARES, Atapuerca (Burgos)

Date: 25th July

Organizer institution: Fundación Atapuerca



Authors: **Allué, E., Expósito, I., Burjachs, F., Burguet-Coca, A., Carbonell, E.**

Oral Presentation: Lo que el ojo no ve: resultados y perspectivas de futuro de los estudios paleobotánicos en Trinchera.

Authors: **Ollé, A., Saladié, P.,** Rodríguez, J.

Oral presentation: Gran Dolina -TD10: estado actual de la investigación y perspectivas de futuro.

Authors: **Mosquera, M., Carbonell, E., Ollé, A., Rodríguez, X.P., Vergès, J.M.,** Terradillos, M., Bargalló, A., García-Medrano, P., **López, E., Pedergrana, A.,** García-Antón, M.D., **Fernández, J.,** Marfín, S., **de Lombera, A.**

Oral presentation: Tecnología (tecnología, materias primas, microscopía de alta resolución y técnicas de apoyo 2D y 3D).

3eres Jornades Patrimoni i Escola

Venue: mNACTEC, Terrassa (Barcelona)

Date: 29th-30th September

Organizer institution: Agència Catalana del Patrimoni Cultural. Departament de Cultura. Generalitat de Catalunya

Authors: Monrós, M., Belarte, C., **Allué, E., Batista, L.,** Camañes, P., Canela, J., Domènech, G., **Fontanals, M.,** Olmos, P., Principal, J., Rojas, A.

Poster: Comunicació de la recerca arqueològica a través de les TIC: el projecte DIGIBERS.

La tecnología de la talla de lascas y su uso en la Prehistoria

Venue: Barcelona

Date: 20th-22th Novembre

Organizer institution: Institució Milà i Fontanals & CSIC

IV Jornades d'Arqueozoologia. Recursos marins en el passat

Venue: Valencia

Date: 23th-24th November

Organizer institution: Museu de Prehistoria de Valencia

Authors: Real, C., Sanchis, A., Morales, J. V., **Eixea, A.,** Zilhão, J., Villaverde, V.

Oral presentation: Cambios en los modelos económicos y de ocupación en el Abrigo de la Quebrada (Chelva, Valencia). Nuevos datos arqueozoológicos y tafonómicos de los niveles VII y VIII.

Forum Tendències en Turisme Arqueològic. Emocionar amb el patrimoni

Venue: Tarragona

Date: 30th November

Organizer Institution: Diputació de Tarragona, Patronat de Turisme, Parc Turisme i tecnològic, Tarragona Turisme & Ajuntament de Tarragona



International

Workshop “Coping with climate: the legacy of *Homo heidelbergensis*”

Venue: Brighton University (United Kingdom)

Date: 2nd- 4th February

Organizer institution: Arts and Humanities Research Council-network project (United Kingdom)

Authors: **Rivals, F.**

Oral presentation: Are high resolution dietary proxies accurate for large mammals' palaeoenvironmental reconstructions for the early hominin occupation of Europe?

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

Oral presentation: Middle Pleistocene climate reconstructions based on herpetofaunal assemblages from the Iberian Peninsula: a review.

International symposium “Creating the Anthropocene – Natural and Cultural Histories”

Venue: Shizuoka (Japan)

Date: 11th-12th February

Organizer institution: Museum of Natural and Environmental History

Authors: Walsh, K., Giguët-Covex, C., Mocci, F., **Brisset, E.**, Develle, A.-L., Arnaud, F.

Oral presentation: An Incipient Anthropocene: Evidence for Human Dominated High Altitude Landscapes in the Southern French Alps and Mediterranean Mountain Ranges.

Authors: Walsh, K., Giguët-Covex, C., Mocci, F., **Brisset, E.**, Develle, A.-L., Arnaud, F.

Oral presentation: The search for the Anthropocene in the French Alps – integrating archaeological and palaeoenvironmental approaches.

Ethnoarchaeology of Fire Symposium

Venue: Tenerife (Spain)

Date: 9th-11th February

Organizer institution: University of La Laguna – AMBI Lab

Authors: **Pérez, L.**, Mallol, C.

Poster: Taphonomy of burned bones in open-air conditions.

1st International Meeting on ‘Histories of Nature and Environments: Perspectives and Dialogues’

Venue: Lisbon (Portugal)

Date: 15th-17th March

Organizer institution: FLUL

Authors: Ferreira, C., Oliveira de Almeida, N.J., **Burjachs-Casas, F.**, Oosterbeek, L.M., Rosina, P.

Oral presentation: Environmental and climate changes during Little Ice Age in Central Portugal.



82nd Annual Meeting Society for American Archaeology

Venue: Vancouver (Canada)

Date: 29th March-4th April

Organizer institution: Society for American Archaeology

Authors: Arranz, A., **Polo-Díaz, A.**, Ritcher, T.,

Oral presentation: Dung use before animal domestication in southwest Asia: evidence from early Natufian Shubayqa 1 (northeastern Jordan).

Authors: Real, C., **Eixea, A.**, Sanchis, A., Morales, J. V., Villaverde, V., Zilhão, J.

Oral presentation: Unravelling a Neanderthal palimpsest from a zooarchaeological and lithic perspective: Abrigo de la Quebrada level IV (Valencia, Spain).

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

Oral presentation: Short-term Neanderthal occupations and carnivores in the North-East of Iberian Peninsula.

UK Archaeological Science Conference

Venue: London (United Kingdom)

Date: 5th-8th April

Organizer institution: University College London

Authors: Ferratges-Kwekel, E., **Tornero, C.**, Vilarroya I., Saña, M.

Oral presentation: Approach to the study of burned bones through Infrared Spectroscopy FTIR – ATR.

Authors: **Tornero, C., Camarós, E.**, Salazar-García, D., **Rivals, F.**

Poster: A modern red deer population from Spain investigated through intra-tooth sequential isotope ($\delta^{13}\text{C}$ & $\delta^{18}\text{O}$): using data as palaeoclimate and seasonality proxy.

Authors: **Martín, P., Tornero, C.**, Salazar-García, D.C., **Vergès, J.M.**

Poster: Reconstructing the seasonality of occupations of El Mirador cave (Sierra de Atapuerca, Spain) during the Neolithic: isotopic evidence.

ADN, Química Analítica y Geoarqueología en las Primeras Prácticas Pastoriles del Suroeste Europeo

Venue: Vitoria (Spain)

Date: 10th-11th April

Organizer institution: Universidad del País Vasco/Euskal Herriko Unibertsitatea

Authors: **Vergès, J.M.**

Oral presentation: Rebaños, estiércoles y pastores: desvelando el secreto de las cuevas que ardían.



American Association of Geographers Annual Meeting (AAG'17)

Place: Boston (Massachusetts, USA)

Date: 11th-15th April

Organizer institution: American Association of Geographers

Authors: **Lozano, S.**, Anton, S., Prignano, L.

Oral presentation: Adaptation and adaptability as emergent features of regional systems: A quantitative approach.

59th Annual Meeting of the Hugo Obermaier Society

Venue: Aurich (Germany)

Date: 18th-22nd April

Organizer institution: Hugo Obermaier Society

Authors: **Ramírez, I., Tornero, C.**, Blasco, R., **Rivals, F., Rosell, J.**Poster: Investigating dietary habits through tooth microwear and stable isotope analyses ($\delta^{13}C$ and $\delta^{15}N$) in bone collagen of cave bear (*Ursus spelaeus*) in southern latitudes of Europe during the Late Pleistocene: the case of Toll Cave (MIS3; Spain).**86th Meeting of American Association of Physical Anthropologists (AAPA)**

Venue: New Orleans (USA)

Date: 19th-22nd April

Organizer institution: American Association of Physical Anthropologists

Authors: Estalrich, A., **Lozano, M.**, Bondioli, L., Fiore, I., Bermúdez de Castro, J.M., Arsuaga, J.L., **Carbonell, E.**, Rosas, A., Kullmer, O., Frayer, D.

Poster: Behavioral traces on dental wear in Pleistocene fossil humans.

Authors: Gourichon, L., Najji, S., Hassani, M., Pubert, É., **Sanchez-Hernandez, C.**, Rendu, W.

Poster: Seasonality in Middle Palaeolithic contexts.

Authors: Rendu, W., Stutz, A.J., Najji, S., Vuillien, M., **Sanchez-Hernandez, C.**, Pubert, É., Gourichon, L.

Poster: Taphonomy in Cementochronology.

Authors: **Lozano, M.**, Romero, A., Bermúdez de Castro, J.M., **Carbonell, E.**, Arsuaga, J.L., Pérez-Pérez, A.Poster: The diet of *Homo antecessor*.**International Open Workshop 2017 'Socio-Environmental Dynamics over the Last 12,000 Years: The Creation of Landscapes V'**

Venue: Kiel (Germany)

Date: 20th-24th April

Organizer institution: Graduate School "Human Development in Landscapes" at Kiel University



Authors: Drucker, D.G., **Rivals, F.**, Weber, M.J.

Oral presentation: Diet and environment tracking of large herbivores in northwest Europe at the onset of the Late-glacial.

142e Congrès national des sociétés historiques et scientifiques. Circulations montagnardes, circulations européennes

Venue: Pau (France)

Date: 24th-28th April

Organizer institution: Université de Pau et des Pays de l'Adour & CTHS

Authors: **Gómez de Soler, B.**, **Chacón, M.G.**, Bargalló, A., **Romagnoli, F.**, **Vallverdú Poch, J.**, **Vaquero Rodríguez, M.**

Oral presentation: Mobilité territoriale pendant le Paléolithique moyen en contextes discoides et Levallois. L'exemple du site de l'Abric Romaní (Barcelona, Espagne): le niveau M et le sous-niveau Oa.

Keep calm and boldly go - Which factors in the environment drive early human expansions and have an impact on their settlements?

Venue: Mauer (Germany)

Date: 25th – 28th April

Organizer institution: Asociación Internacional para el Estudio del Cuaternario (INQUA)

Authors: **Ollé, A.**, **Mosquera, M.**, García-Medrano, P., Mateos, A., Rodríguez, J.

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

Iberian Zooarchaeology Meeting (EZI2017)- 5th Iberian Peninsula Archaeomalacology Scientific Meeting (5RCAPI)

Venue: Faro (Portugal)

Date: 26th-29th April

Organizer institution: Universidade do Algarve

Authors: Almeida, N., **Saladié, P.**, Cerrillo-Cuenca, E., Oosterbeek, L.

Oral presentation: Understanding Neolithic lepòrid accumulations: the examples of Cadaval and N^o S^o das Lapas caves (Tomar, Middle Tagus, Portugal).

Auhtors: Ferratges, E., **Tornero, C.**, Saña, M.

Oral presentation: Approach to the study of the culinary practices through the burned bones by Infrared Spectroscopy FTIR - ATR.

Authors: Navarrete, V., **Tornero, C.**, Saña, M.

Oral presentation: Investigating foddering practices of sheep, goat and cattle in the Early Neolithic site of La Draga (NE Iberian Peninsula).



Authors: Real, C., Morales, J.V., Sanchis, A., **Pérez, L.**

Oral contribution: Archaeozoological studies: New database and method base in alphanumeric codes.

Authors: Almeida, N., Collado, H., **Saladié, P.**, Oosterbeek, L.,

Poster: Who's to blame? Epipalaeolithic leporid accumulation from Cueva de Los Postes.

Authors: Jiménez, S. **Cáceres, I.**, Valenzuela-Lamas, S.

Poster: Taphonomic tools to interpret an animal enclosure: The case of the Iron Age site of El Turó de la Font de la Canya (Barcelona, Spain)"

Author: Sanchis, A., Real, C., Morales, J.V., Gordón, J.J., **Pérez, L.**, Pérez-Ripoll, M., Aura, J.E., Villaverde, V.

Poster: Rabbit Role in Prehistoric Human Diet: A Review from the Iberian Mediterranean Central Region.

3rd Annual Workshop on Complex Sociotechnical Systems

Place: Madrid (Spain)

Date: 27th-28th April

Organizer institution: Universidad Carlos III

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

Oral presentation: Transportation networks from archaeological evidences: overcoming data incompleteness.

36e Colloque de l'association des Archéologues du Quebec

Venue: Pointe-à-Callière, Montreal (Canada)

Date: 27th-30th April

Organizer institution: Association des Archéologues du Quebec

Authors: Ouduche, H., **Vaquero, M.**

Poster: The Kombewa knapping in western Europe during the Middle Palaeolithic: The case of Abric Romani site (Capellades, Spain).

TECHNART 2017. Non-destructive and microanalytical techniques in art and cultural heritage

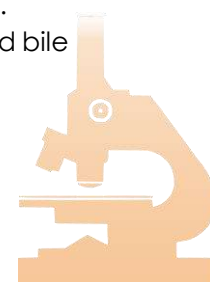
Venue: Bilbao (Spain)

Date: 2nd-6th May

Organizer Institution: University of the Basque Country (UPV_EHU)

Authors: Gea, J., San Pedro, M.C., Vallejo, A., **Polo, A.**, Fernández Eraso, J., Barrio, R.

Oral presentation: Development of a new methodology for the analysis of sterols and bile acids in archaeological soils for the characterization of species.



Authors: Gea, J., San Pedro, M.C., Vallejo, A., **Polo, A.**, Fernández Eraso, J., Barrio, R.
 Oral presentation: Biogenic characterization of archaeological organic residual soils using n-alkanes ratios from a stabling rock-shelter, Los Husos, II (Upper Ebro Basin, Spain).

MORPH2017

Venue: Arhus (Danmark)
 Date: 4th-5th May
 Organizer Institution: Aarhus University

Authors: Rodriguez, A., **Chacón, M. G.**, Cornette, R., Pouydebat, E., Moncel, M.-H., Bardo, A., Chèze, L., Iovita, R., Borel, A.

Poster: New application of geometric morphometrics in use-wear analysis for the identification of hand preference from stone tools.

International Workshop “Between sea and ocean: archaeology and coastal landscapes”

Venue: Empúries, L'Escala (Spain)
 Date: 4th-6th May
 Organizer institutions: Institut Català d'Arqueologia Classica & Archéologie des Sociétés Méditerranéennes

Authors: **Brisset, E., Burjachs, F., Fernandez Lopez De Pablo, J.**

Oral presentation: First results of the MedCoRes project and research perspectives (Mediterranean Coastal Resources: benefit and constraint for Prehistoric hunter-gatherer).

Past Global Changes (PAGES 2017). 5th Open Scientific Meeting (OSM) ‘Global Challenges for our Common Future: a paleoscience perspective’

Venue: Zaragoza (Spain)
 Date: 9th -13th May
 Organizer institution: University of Zaragoza

Authors: **Brisset, E.**, M. Djamali, M., Naderi, A., Tachikawa, K., Borschneck, D., Pourkerman, M., Bard, E.

Poster: Late Holocene palaeoclimate variability in south-western Asia highlighted by the Lake Maharlou sediments (Iran) and potential implications for human adaptive strategies.

Authors: **Brisset, E.**, Guiter, F., Miramont, C., Troussier, T., Sabatier, P., Poher, Y., Cartier, R., Arnaud, F., Malet, E., Anthony, E. J.

Poster: The overlooked human influence in the Late Holocene great acceleration of floods in the Europe-an Alps.

Authors: Iriarte, E., Revelles, J., Finsinger, W., **Burjachs, F.**, Alcalde, G., Saña, M.

Poster: The youngest Holocene volcanic eruptions in the Iberian Peninsula: palaeoenvironmental context and possible impacts on early Holocene populations in the Garrotxa region (NE Iberian Peninsula).



50e réunion annuelle de l'Association Canadienne d'Archéologie (ACA)

Venue: Ottawa-Gatineau (Canada)

Date: 10th-13th May

Organizer institution: Association Canadienne d'Archéologie

Authors: Ouduche, H., **Vaquero, M.**, Peretto, C., Nami, M., Mikdad, A.

Oral presentation: The flake knapping in western Mediterranean during the Middle Palaeolithic. Ottawa-Gatineau (Canada).

Mobility & Connectivity: Challenging paradigms and methodologies in Landscape Archaeology

Venue: Gaeta (Italy)

Date: 17th May

Organizer institution: Università di Cassino e del Lazio Meridionale

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

Oral presentation: What can network modelling do for us? Learning how to infer regional communication infrastructures from the case of Iron Age Central Italy.

Paleodays2017 XVII edizione delle "Giornate di Paleontologia"

Venue: Agnani (Italy)

Date: 24th-26th May

Organizer institution: Società italiana di Paleontologia

Authors: Villa A., **Blain H.-A.**, Delfino M.

Poster: The Early Pleistocene herpetofauna of Rivoli Veronese (NE Italy): A window on the palaeoecology of the extinct Allocaudates.

Conferences CERCA

Venue: Brussels (Belgium)

Date: 30th-31st May

Organizer institution: CERCA

XIIIth ASWA International Meeting ASWA

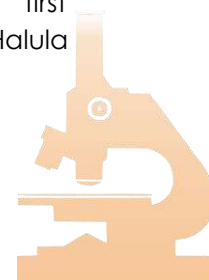
Venue: Nicosia (Cyprus)

Date: 7th-9th June

Organizer institution: University of Cyprus

Authors: Alcàntara Fors, R., Fortuny, J., **Tornero, C.**, Molist, M., Saña, M.

Oral presentation: Assessing changes in mobility/activity patterns during first domestication and husbandry stages on archaeological samples of *Capra*: Tell Halula (Syria) as a case study.



Hommages à Jean- Marie Le Tensorer

Venue: Basel (Switzerland)

Date: 7th-9th June

Organizer institution: University of Basel

JIA2017. X Jornadas de Jóvenes en Investigación Arqueológica

Venue: Burgos (Spain)

Date: 7th-10th June

Organizer institution: Asociación de Historia y Arqueología de Burgos

Authors: Herrejón-Lagunilla, A., **Pérez, L.J.**

Session organizers: Piroarqueología: el estudio e interpretación del uso del fuego y materiales termoalterados por los grupos humanos del pasado.

Authors: **Pérez-Parque, O., Tellez, E., Pineda, A., Pérez, L.,** Suesta-Guillén, Herranz-Rodrigo, D., del Valle, H.

Session organizers: Zooarqueología y Tafonomía: nuevas y viejas herramientas para el estudio de la Evolución Humana.

Authors: Bustos, G., **Chacón, M.G.**

Oral presentation: Procesos de reducción y reavivado en materiales del Paleolítico Medio: marco conceptual, metodología y un caso de estudio.

Authors: **Téllez, E., Saladié, P., Pineda, A., Cáceres, I.,** Marginedas, F., Marín, J.

Oral presentation: Cambios de coloración en huesos alterados térmicamente: una aproximación experimental.

Authors: **Hernando, R., Vergès, J.M., Lozano, M.**

Poster: Dental microwear analysis as an indicator of the diet in Bronze Age populations- The Cova dels Galls Carboners case.

Authors: **Yustos Torrecilla, M., Vergès, J.M., Lozano, M.**

Poster: ¿Son las vértebras cervicales un buen indicador de dimorfismo sexual? Caso práctico sobre una muestra de época Calcolítica.

ICAVS 2017. 9th International Conference on Advanced Vibrational Spectroscopy

Venue: Victoria (Canada)

Date: 11th – 16th June

Organizer institutions: International Conference on Advanced Vibrational Spectroscopy (ICAVS) & University of Victoria

Authors: Araujo-Andrade, C., Marro, M., **Ollé, A., Asryan, L., Bazgir, B., Fernández-Marchena, J.L., Pedernana, A., Tumung, L.,** Loza-Alvarez, P.

Poster: Elucidation of the Chemical Composition of Ancient Adhesives Present in Lithic Artefacts by Means of FTIR Spectroscopy



IBIS-2017 Conference “Silicon, Silica and their Isotopes. Biology, Biogeochemistry & Biotechnology”

Venue: Blanes (Spain)

Date: 13th-15th June

Organizer institutions: Centro de Estudios Avanzados de Blanes (CEAB) & CSIC

Authors: Cartier, R., Sylvestre, F., Pailles, C., Sonzogni, C., Couapel, M., Alexandre, A., Mazur, J.-C., Guiter, F., **Brisset, E.**, Miramont, C.

Oral presentation: Oxygen isotopes in biogenic silica and diatom assemblages from Lake Petit (2200 m.a.s.l) in the Mediterranean Alps: shedding light on a climatic pulse at 4.2 kyr BP.

Authors: Miró, J., Martín-Martín, J.D., Oms, O., Ibáñez, J., Anadón, P., Trilla, J., Caja, M.A., **Gómez de Soler, B., Campeny, G.**

Oral presentation: Contribution of biogenic silica to the formation of opal nodules in lake sediments from Camp dels Ninots maar (La Selva Basin, NE Spain): constrains from petrography and opal $\delta^{18}\text{O}$ systematics.

La Antropología Física en la era de la Genómica

Venue: Barcelona (Spain)

Date: 12th-14th July

Organizer institution: Sociedad Española de Antropología Física (SEAF)

Authors: Modesto-Mata, M., García-Campos, C., Martínez de Pinillos, M., Martín-Francés, L., Romero, A., Pérez- Pérez, A., **Lozano, M.**, Martínón-Torres, M., Dean, C., Bermúdez de Castro, J.M.

Poster: Perikymata counts and the enamel growth-pattern in a geographically diverse sample of modern Homo sapiens.

II Xornadas sobre o Paleolítico do Noroeste

Venue: Tricastela (Spain)

Date: 27th-29th July

Organizer institutions: Universidade de Santiago de Compostela & IPHES

Authors: **De Lombera-Hermida, A., Rodríguez-Álvarez, X.P.**, Ameijenda Iglesias, A., Díaz Rodríguez, M., Rey Rodríguez, I., Valverde Tejedor, I., Fábregas Valcarce, R.

Oral presentation: Entre dous mundos. A transición entre o Paleolítico medio e superior no Noroeste peninsular: a Cova Eirós e a Depresión de Monforte de Lemos.

77th Annual Meeting of the Society of Vertebrate Paleontology

Venue: Calgary (Canada)

Date: 23rd-26th August

Organizer institution: Society of Vertebrate Paleontology

Authors: **Blain, H.-A., Lozano-Fernández, I.**, Prikryl, T., Oms, O., Anadón, P., Rodríguez-Salgado, J., **Agustí, J., Campeny, G., Gómez de Soler, B.**



Poster: Water frogs (Anura, Ranidae) from the Pliocene Camp dels Ninots Konservat-Lagerstätte (Caldes de Malavella, NE Spain).

Authors: **López-García, J.M., Blain, H.-A., Lozano-Fernández, I., Luzi, E., Folie, A.**

Poster: The small-mammal assemblage from Caverne Marie Jeanne (Hastière-Lavaux, Belgium): environmental and climatic approach of the Marine Isotope Stage 3 in north-western Europe.

23rd Annual Conference of the European Association of Archaeologists

Place: Maastricht (Netherlands)

Date: 30th August – 3rd September

Organizer institution: European Association of Archaeologists

Authors: **Silva, F., Fernández López de Pablo, J.,** Vander Linder, M.

Session organizers: Cross-Disciplinary Approaches to Prehistoric Demography.

Authors: Alcántara, R., Antolin, F., Ferratges, E., García, S., Saña, M., Sierra, A., **Tornero, C.**
Oral presentation: Integrating domesticates: Earliest farming experiences in the Iberian Peninsula.

Authors: Alday, A., Aura, J.E., Soto, A., Montes, L., Vadillo, M., **Fernández-López de Pablo, J.**

Oral presentation: Archaeological entities and comparative taxonomy during the Pleistocene-Holocene transition in the Iberian Mediterranean region.

Authors: **Gómez-Puche, M.**

Oral presentation: Earthen architecture and the Early Neolithic houses of the Iberian Peninsula: Current advances and future perspectives.

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

Oral presentation: The Late Glacial and Early Holocene Iberian radiocarbon record: data quality control and filtering criteria for palaeodemographic studies.

Authors: **Lozano, S.,** Prignano, L.

Oral presentation: Terrestrial Communication Networks and Political Agency in Early Iron Age Central Italy (950-500 BC): A Bottom up Approach.

Authors: **Vaquero, M., Alonso, S.**

Oral presentation: The Significance of Expedient Behavior in the Definition of Cultural Taxonomies: the Mesolithic Case.

15th Congress of the Regional Committee on Mediterranean Neogene Stratigraphy

Venue: Athens (Greece)

Date: 3th-6th September

Organizer institution: National and Kapodistrian University of Athens



Authors: **Agustí, J.**

Oral presentation: Origin and Evolution of the MN biochronological system.

Authors: **Piñero, P., Agustí, J.**

Poster: The problem of MN13-MN14, or how to recognize the Miocene-Pliocene boundary in the mammalian terrestrial record.

MedPalyno 2017

Venue: Barcelona (Spain)

Date: 4th-6th September

Organizer institution: Universitat Pompeu Fabra

Authors: Revelles, J., **Burjachs, F.**, Ghilardi, M., **Expósito, I.**, Yll, E., Marlasca, R.

Oral presentation: Environmental changes in the Middle to Late Holocene transition in Eivissa (Balearic Islands, Western Mediterranean).

Authors: **Val-Peón, C.**, Morales-Hidalgo, J.I., Cebrià, A., **Expósito, I.**, Albalat, D., Gómez, M., **Burjachs, F.**

Oral presentation: Environmental evolution between Late Neolithic and Late Bronze Age in the NE Iberian Peninsula. Les Madrigueres a case study.

Workshop: "Changing the face of the Mediterranean"

Venue: Santuari de Lluc, Mallorca (Spain)

Date: 6th-10th September

Organizer institution: Plymouth University

15th International Conference on Luminescence and Electron Spin Resonance Dating

Venue: Cape Town (South Africa)

Date: 11th-15th September

Organizer institution: Rhodes University

Authors: Richard, M., Falguères, C., Pons-Branchu, E., **Eixea, A.**, Villaverde, V.

Oral presentation: ESR/U-series chronology of early Neanderthal occupations at Cova Negra (Valence, Spain).

VII International Conference of Mammoths and Their Relatives

Venue: Taichung (Taiwan)

Date: 17th-23rd September

Organizer Institution: National Museum of Natural Science

Authors: **Rivals, F.**, Semprebon, G.

Oral presentation: Dietary flexibility and feeding strategies of Pleistocene mammoths and relatives: a tooth microwear approach).



Authors: Álvarez-Lao, D.J., **Rivals, F.**, Blasco, R., **Rosell, J.**

Poster: A 40,000 year old baby woolly mammoth (*Mammuthus primigenius* Blumenbach, 1799) and other cold fauna from Teixoneres Cave (Moià, Barcelona, Spain).

Authors: Semprebon, G., Uttecht, L., Sanders, W.J., Fahlke, J.M., **Rivals, F.**

Poster: Dietary reconstruction of *Moeritherium* and *Phiomia* from the Fayum Sequence (Egypt) using enamel microwear.

7th Annual Meeting of the European Society for the study of Human Evolution

Venue: Leiden (Netherlands)

Date: 21th-23th September

Organizer institutions: European Society for the Study of Human Evolution (ESHE) & Leiden University

Authors: **Agustí, J.**

Poster: Early human dispersal in Europe: East-West or North-South.

Authors: **Asryan, L., Ollé, A.**, Moloney, N., King, T.

Poster: Lithic assemblages of Azokh 1 Cave, a Middle to Upper Pleistocene key site in the Caucasus.

Authors: Cabestrero-Rincón, M.A., Balzeau, A., **Lorenzo, C.**

Poster: Differential evolution of cerebral and cerebellar fossae in recent *Homo*.

Authors: **Hernando, R., Vergès, J.M., Lozano, M.**

Poster: Dental microwear pattern of a cannibalized Bronze Age population at "El Mirador Cave" (Sierra de Atapuerca, Burgos, Spain).

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

Poster: Introducing time in the study of Neanderthals socio-economic behaviour: GIS multi-scalar spatial and temporal approach to dissect occupational patterns at the end of MIS 3.

XVII Congreso Internacional sobre Patrimonio Geológico y Minero

Venue: Almadén (Spain)

Date: 21th-24th September

Organizer institutions: Escuela de Ingeniería Minera e Industrial de Almadén & Sociedad Española para la Defensa del Patrimonio Geológico y Minero

XXXIII Jornadas de Paleontología

Venue: Cádiz (Spain)

Date: 27th-30th September

Organizer institution: Sociedad Española de Paleontología



Authors: Domínguez-García, A.C., Laplana, C., Sevilla, P., **Blain, H.-A.**, Palomares Zumajo, N., Benítez de Lugo Enrich, L.

Oral presentation: Los micromamíferos de Castillejo del Bonete (Holoceno reciente, Terrinches, Ciudad Real).

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

Oral presentation: La primera dispersión humana en Europa occidental: ¿una colonización demorada?

Authors: Ros-Montoya, S., **Martínez-Navarro, B.**, Espigares, P., Palmqvist, P.

Poster: Pannonictis nestii (Martelli, 1906), una nueva especie de mustélido hallada en los yacimientos del Pleistoceno inferior de Orce (Granada, España).

17th International Symposium on Dental Morphology (ISDM) & 2nd Congress of International Association for Paleodontology (IAPO)

Venue: Bordeaux (France)

Date: 4th-7th October 2017

Organizer institution: University of Bordeaux

Authors: **Rivals, F.**, Kitagawa, K., Julien, M.-A., Patou-Mathis, M., Bessudnov, A.A., Bessudnov, A.N.

Oral presentation: Dental micro- and mesowear as high-resolution proxies for the study of ungulate diet and its relation to the human occupation patterns at Divnogor'ye 9 (Late Pleistocene, Russia).

Authors: **Sánchez-Hernández, C.**, Montes-Barquín, R., Blasco, R., **Rosell, J.**, Rendu, W., Gourichon, L., **Rivals, F.**

Oral presentation: An innovative approach to Neanderthal occupational patterns by integrating dental wear and cementochronology. Case studies of Cova de les Teixoneres and Cueva de Covalejos (Iberian Peninsula).

Authors: López-Onainda, D., **Lozano, M.**, Arrizabalaga, A., Subirà, M.E.

Poster: New insights into the Mousterian human teeth from Lezetxiki cave (Arrasate, Basque Country).

Authors: Rendu, W., Naji, S., Pubert, E., **Sánchez-Hernández, C.**, Vuillien, M., Alarashi, H., Discamps, E., Jimenez, E.L., Rigaud, S., Gourichon, L.

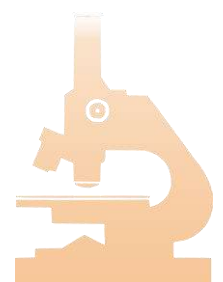
Poster: Cementochronological analysis in zooarchaeology: a new analytical protocol.

The Lower to Middle Paleolithic Boundary: A view from the Near East, research workshop of the Israel Science Foundation & the Wenner-Gren Foundation

Venue: Haifa (Israel)

Date: 5th-10th November

Organizer institution: University of Haifa



Authors: **Barsky, D., Guardiola, M.**

Oral presentation: The shift from typical Western European late Acheulian to micro-lithic stone knapping in Level D of the late Middle Pleistocene deposits of the Caune de l'Aragó (Pyrénées-Orientales, France: an experimental approach.

Authors: Rodríguez-Hidalgo, A., **Saladié, P., Ollé, A., Mosquera, M., Rodríguez, X.P.,** García-Medrano, P., Rodríguez, J., **López, E., de Lombera-Hermida, A. Perdegnana, A.** Soto, M., Terradillos, M. Bargalló, A. **Car-bonell, E.**

Oral presentation: The Lower to Middle Paleolithic occupations at Gran Dolina cave: A zooarcheological view.

Authors: **Ollé, A., Mosquera, M., Rodríguez-Álvarez, X.P.,** García-Medrano, P., **Pederagnana, A., de Lom-bera-Hermida, A., López-Ortega, E.,** Bargalló, A., Terradillos, M., Soto, M., **Saladié, P.,** Rodríguez-Hidalgo, A., Rodríguez, J., **Carbonell, E.**

Oral presentation: The Gran Dolina TD10 lithic assemblages and the transition from the late Acheulean to the early Middle Paleolithic in Atapuerca.

Authors: **Sala-Ramos, R.,** Arnold, L., Duval, M., Pares, J.M., Benito-Calvo, A., Alvarez, C., **Piñero, P., Blain, H.-A.,** Soto-Quesada, M., Rodríguez-Hidalgo, A., **Menéndez, L., de Lombera, A.,** Van der Made, J., **Rivals, F.,** Tarrío, A., Aouraghe, H., Haddoumi, H., El Hammouti, K., **Agustí, J., Chacón-Navarro, M.G.**

Oral presentation: The evolution of human settlement and the transformation of a lacustrine basin into a fluvial one during the Middle Pleistocene: Ain Beni Mathar – Guefaït (Eastern Morocco).

Macfang: Mapping Complexity Foundations and Applications of Network Geometry

Venue: Barcelona (Spain)

Date: 6th-8th November

Organizer institution: Universitat de Barcelona

Author: **Cardillo, A.**

Oral presentation: To vaccinate or not to vaccinate? A coevolutionary dilemma.

1st Workshop on intra-site spatial analysis

Venue: CENIEH, Burgos (Spain)

Date: 8th-9th November

Organizer institution: CENIEH

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

Oral presentation: Layers, occupations, events,... What are we talking about?

11th International Symposium on knappable materials "From toolstone to stone tools"

Venue: Buenos Aires (Argentina)

Date: 7th-12th November

Organizer institution: CONICET



Authors: **Romagnoli, F.**, Scheinsohn, V., Baena, J.

Session organizers: Other than glassy stones: the selection of biotic and abiotic raw materials in hunter-gatherers.

Authors: **Chacón, M.G.**, Soto, M., Aouraghe, H., Bengarmra, S., El Hammouti, K., Haddoumi, H., **Sala-Ramos, R.**, Souhir, M., Tarrío, A.

Oral presentation: New data about the raw material procurement and the territorial mobility in Eastern Morocco during the Pleistocene: the Aïn Béni Mathar-Guefaït region.

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

Oral presentation: Variability of limestone knapping methods in the Middle Palaeolithic levels M and O of the Abric Romaní (Capellades, Barcelona).

Authors: **Gómez de Soler, B.**, Soto, M., **Vallverdú, J.**, Bargalló, A., **Chacón, M.G.**, **Romagnoli, F.**, **Vaquero Rodríguez, M.**

Oral presentation: The Panadella chert from the Montmaneu formation: a high quality raw material for the Middle Paleolithic. The case of the Abric Romaní site.

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

Oral presentation: Tools from the sea. The use of marine shells for butchery activities: an experimental approach.

Authors: Baena Preysler, J., Díaz Pérez, S., **Romagnoli, F.**, Torres Navas, C.

Poster: Why no use limestone? Experimental comparison of efficiency between lithic raw materials.

Authors: Soto, M., **Gómez de Soler, B.**, **Vallverdú, J.**

Poster: LithIPHES: a lithic reference collection for the NE Iberian Peninsula Prehistory.

2nd International Conference on Quaternary and Future Earth

Venue: Keelung (Taiwan)

Date: 14th-16th November

Organizer institutions: Institute of Applied Geosciences & National Taiwan Ocean University

Authors: **Rivals, F.**

Oral presentation: Integrating tooth wear analyses for the reconstruction of paleodiets in Quaternary large mammals.

La 9ème Rencontre des Quaternaristes Marocains (RQM9-2017)

Venue: Safi (Morocco)

Date: 15th-17th November

Organizer institution: Université Cadi Ayyad, Faculté Polydisciplinaire de Safi, Départements de Géographie & Sciences de la Terre



Authors: **Sala-Ramos, R.**, Aouraghe, H., **Chacón, M.G.**, **Agustí, J.**, Álvarez, C., Aranold, L., Bengamra, S., Benito-Calvo, A., **Blain, H.A.**, **Burjachs, F.**, **Canals, A.**, Carrancho, A., **de Lombera-Hermida, A.**, Duval, M., El Atmani, A., El Harradji, A., El Hammouti, K., **Expósito, I.**, Haddoumi, H., **Lorenzo, C.**, van der Made, J., Menéndez, L., Mhamdi, H., **Moreno, E.**, Parés, J.M., Oujaa, A., **Piñero, P.**, **Rivals, F.**, Rodríguez-Hidalgo, A., Souhir, M., Soto, M., Tarrío, A., Villalaín, J.J., **Viñas, R.**

Oral presentation: Guefaït 4: Un nouveau site paleontologique dans un environnement humide et ouvert au Maroc oriental.

Authors: **Moreno-Ribas, E.**, **Chacón, M.G.**, **Sala-Ramos, R.**, Aouraghe, H.

Poster: Conservation and restoration in the palaeontological Pleistocene sites of Ain Beni Mathar-Guefaït (Jerada, Morocco). The scientific studies and the musealization as guidelines.

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

Poster: The Early Pleistocene small vertebrates from Guefaït 4 (Jerada, Morocco).

EAEPE 3rd Research Area [X] 'Networks' Workshop: THE ROLE OF INNOVATION NETWORKS FOR SUSTAINABLE ECONOMIC DEVELOPMENT

Venue: Bremen (Germany)

Date: 30th November – 1st December

Organizer institution: Universität Bremen

Authors: **Lozano, S.**

Oral presentation: Addressing local-global knowledge integration in regional sustainable development: A network dynamics' perspective.

4èmes Rencontres du LabEx BCDiv. Nature & Culture : Origine et devenir

Venue: Paris (France)

Date: 7th-8th December

Organizer institution: Museum National d'Histoire Naturelle

Authors: Rodriguez, A., **Chacón, M. G.**, Cornette, R., Pouydebat, E., Moncel, M.-H., Bardo, A., Chèze, L., Iovita, R., Borel, A.

Oral presentation: Identification de la Préférence Manuelle chez les Homininés à partir des traces d'utilisation sur leurs outils en pierre.



Short-term stays at other research centers

National

Center: **Centro Nacional para la Investigación sobre Evolución Humana (CENIEH)**

IPHES' member: **Jordi Rosell**

City: Burgos

Dates (start/ end): 7th –31st January

Scientific purpose: Use of infrastructures applied to the Taphonomy.

Center: **Museu de Prehistòria de València**

IPHES' member: **Leopoldo Jesús Pérez Luis**

City: Valencia

Dates (start/ end): 1st February – 15th April

Scientific purpose: PhD thesis mobility.

Center: **Museo Arqueológico Nacional**

IPHES' member: **Antonio Pineda**

City: Madrid

Dates (start/ end): 12nd-19st February

Scientific purpose: Analysis of the faunal assemblage of the Middle Pleistocene Site of Torralba.

Center: **PACEA (UMR 5199), Université de Bordeaux**

IPHES' member: **Carlos Sánchez Hernández**

City, Country: Bordeaux (France)

Dates (start/ end): 6th March-4th July

Scientific purpose: Pre-doctoral mobility funded by MINECO to broad technical knowledge on cementochronology and to analyze selected archaeological materials from the research project.

Center: **Museo Nacional de Historia Nacional – Consejo Superior de Investigaciones Científicas**

IPHES' member: **Antonio Pineda**

City: Madrid

Dates (start/ end): 21st-27st March

Scientific purpose: Analysis of the faunal assemblage of the Middle Pleistocene Site of Torralba.

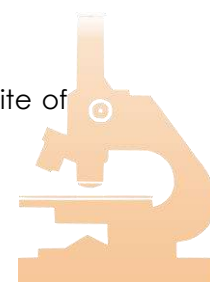
Center: **Museo Nacional de Historia Nacional – Consejo Superior de Investigaciones Científicas**

IPHES' member: **Antonio Pineda**

City: Madrid

Dates (start/ end): 12nd-16st June

Scientific purpose: Analysis of the faunal assemblage of the Middle Pleistocene Site of Torralba.



Center: **Museo Numantino de Soria**

IPHES' member: **Antonio Pineda**

City: Soria, Spain

Dates (start/ end): 19th-29st September

Scientific purpose: Analysis of the faunal assemblage of the Middle Pleistocene Site of Torralba.

Center: **Museo Numantino de Soria**

IPHES' member: **Antonio Pineda**

City: Soria

Dates (start/ end): 14th-17st November

Scientific purpose: Analysis of the faunal assemblage of the Middle Pleistocene Site of Torralba.

Center: **IMEDEA (CSIC)**

IPHES' member: **Jordi Agustí**

City, Country: Palma de Mallorca

Dates (start/ end): 5th-7th July

Scientific purpose: Study of endemic rodents from the site of Na Burgesa.

International

Center: **Institut de Paléontologie Humaine**

IPHES' member: **Robert Sala Ramos**

City, Country: Paris (France)

Dates (start/ end): 9th-12th January

Scientific purpose: study materials.

Center: **Institut de Paléontologie Humaine**

IPHES' member: **Robert Sala Ramos**

City, Country: Paris (France)

Dates (start/ end): 30th January-11th February

Scientific purpose: study materials.

Center: **National Museum of Ethiopia**

IPHES' member: **Isabel Cáceres**

City, Country: Addis Abbaba (Ethiopia)

Dates (start/ end): 6th-15th February

Scientific purpose: Taphonomic analysis of Gona.

Center: **Università degli Studi di Ferrara**

IPHES' member: **Robert Sala Ramos**

City, Country: Ferrara (Italy)

Dates (start/ end): 19th-22th February

Scientific purpose: study materials.

Center: **MNHN - Muséum National d'Histoire Naturelle**

IPHES' member: Antonella Pedergrana

City, Country: Paris (France)



Dates (start/ end): February-April
 Scientific purpose: PhD mobility.

Center: **Tel Aviv University**

IPHES' member: **Jordi Rosell**

City, Country: Tel Aviv (Israel)

Dates (start/ end): 28th February- 3rd April

Scientific purpose: Study of faunal remains from Qesem Cave (Middle Pleistocene).

Center: **Université de Bordeaux, PACEA UMR 5199**

IPHES' member: **Francesca Romagnoli**

City, Country: Lamothe Fénelon (France)

Dates (start/ end): 5th-11th March

Scientific purpose: Lithic refits and spatial analysis in Middle Palaeolithic contexts.

Center: **Stable Isotope Laboratory, Lamont-Doherty Earth Observatory, Columbia University**

IPHES' member: **Carlos Tornero**

City, Country: New York (USA)

Dates (start/ end): 1st April-31st July

Scientific purpose: Research stance to improve habilities and scientific skills in isotope facilities.

Center: **MNHN - Muséum National d'Histoire Naturelle & Institut de Paléontologie Humaine, Département de Préhistoire**

IPHES' member: **Aleix Eixea**

City, Country: Paris (France)

Dates (start/ end): 1st-31st May

Scientific purpose: Technological and refitting study of Middle Palaeolithic site of Abri du Maras (Saint-Martin-d'Ardèche).

Center: **Université de Bordeaux, PACEA UMR 5199**

IPHES' member: **Francesca Romagnoli**

City, Country: Bordeaux (France)

Dates (start/ end): 22nd-28th May

Scientific purpose: Experimental archaeology, Middle Palaeolithic lithic knapping, spatial analysis in Middle Palaeolithic contexts.

Center: **University of Indonesia**

IPHES' member: **Robert Sala Ramos**

City, Country: Yakarta (Indonesia)

Dates (start/ end): 20th May-2nd June

Scientific purpose: study materials.

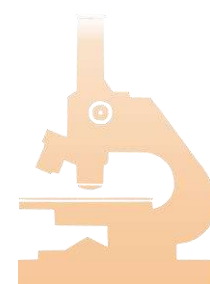
Center: **National Museum of Georgia**

IPHES' member: **Bienvenido Martínez-Navarro**

City, Country: Tbilisi (Georgia)

Dates (start/ end): 31st May-8th June

Scientific purpose: Study of the large mammals from Dmanisi.



Center: **Aix-Marseille University**

IPHES' member: **Jordi Rosell**

City, Country: Aix-Marseille (France)

Dates (start/ end): 8th-13th June

Scientific purpose: Creation of the International Research Group: "European Network for Quaternary Taphonomy" (TaphEN).

Center: **Institut de Paléontologie Humaine**

IPHES' member: **Robert Sala Ramos**

City, Country: Paris (France)

Dates (start/ end): 25th-30th June

Scientific purpose: study materials.

Place: **Bretagne & Lascaux**

IPHES' member: **Robert Sala Ramos**

City, Country: Dordogne and Bretagne (France)

Dates (start/ end): 1st-9th August

Scientific purpose: study materials.

Center: **Smithsonian National Museum of Natural History**

IPHES' member: **Lucía López-Polín**

City, Country: Washington, D.C. (United States)

Dates (start/ end): 30th August – 30th September

Scientific purpose: research about fossils' packaging systems funded by a grant from the NMNH Collections Program and the NMNH Department of Paleobiology.

Center: **ITN - Instituto Tecnológico e Nuclear & Ciências e Tecnologias Nucleares (C2TN)**

IPHES' member: **Aleix Eixea**

City, Country: Lisbon (Portugal)

Dates (start/ end): 1st September- 31st January 2018

Scientific purpose: José de Castillejo postdoctoral mobility to study microscopic raw material analysis (EDXRF, XRD and NAA) from Middle and Upper Palaeolithic sites from the central region of Mediterranean Iberia.

Center: **Institute of Archaeology of the Hebrew University at Jerusalem**

IPHES' member: **Florent Rivals**

City, Country: Jerusalem (Israel)

Dates (start/ end): 1st October – 31st January 2018

Scientific purpose: Study of mammals in the ecological niche of the modern humans and the Neanderthals in the south of the Levant – old questions, new answers with high-resolution tools.

Center: **Tel Hai College, Prehistory Laboratory**

IPHES' member: **Andreu Ollé, Marina Mosquera, Palmira Saladié, María Gema Chacón, Antonella Pedergrana, Esther López, Juan Ignacio Martín Viveros**

City, Country: Tel Hai (Israel)

Dates (start/ end): 10th - 13th November



Scientific purpose: Visit to the Jordan sites (Ubeydia, GBY, NMO, Ohalo II), Shamir Dolmens and Golan Volcanos. Examination of lithic collections (NMO).

Center: **University of Oujda**

IPHES' member: **Robert Sala Ramos**

City, Country: Oujda (Morocco)

Dates (start/ end): 17th-26th November

Scientific purpose: study materials.

Center: **National Museum of Georgia**

IPHES' member: **Bienvenido Martínez-Navarro**

City, Country: Tbilisi (Georgia)

Dates (start/ end): 3rd-9th December

Scientific purpose: Study of the large mammals from Dmanisi.

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

IPHES' member: **Robert Sala Ramos**

City, Country: Alger (Algeria)

Dates (start/ end): 17th-21th December

Scientific purpose: study materials.

Center: **Faculté de Sciences. Université Mohammed Premier Faculté des Sciences**

IPHES' member: M. Gema Chacón

City, Country: Oudja (Morocco)

Dates (start/ end): a total of 2 months during 2017 (different dates)

Scientific purpose: Research and teaching.

Center: **UMR7194 - HNHP Département de Préhistoire, Muséum National d'Histoire Naturelle**

IPHES' member: M. Gema Chacón

City: Paris (France)

Dates (start/ end): a total of 3 months during 2017 (different dates)

Scientific purpose: Research and teaching.

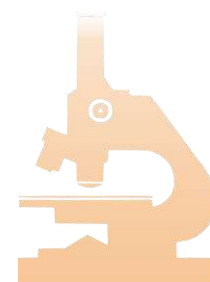
Research awards

Premi d'impacte social de la recerca.

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

Field: humanities (expost)

Awarding institution: Consell Social, Universitat Rovira i Virgili





Degrees and Doctoral Programme

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

Some IPHES members also participate in the Master's degree in Primatology, managed by the Universitat de Girona – Fundació UdG: Innovació i Formació and the Fundació Mona.

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 consortia comprising the International Master in Quaternary and Prehistory (IMQP) by the following institutions:

- University of Ferrara (Italy)
- Universitat Rovira i Virgili (Spain)
- Polytechnic Institute of Tomar (Portugal)
- University of Tràs-os-Montes and Alto Douro (Portugal)
- National Museum of Natural History (Paris, France)

Doctoral Programme in Quaternary and Prehistory (Erasmus Mundus)

The aim of the doctoral program 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 program.
- To encourage students to undertake research projects using the methodology and the 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 program 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 degrees. The universities participating in the program are the following:

- University of Ferrara (Italy)
- Universitat Rovira I Virgili (Spain)
- University of Tràs-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 archaeology
- Paleoenvironmental restitution
- Prehistoric art



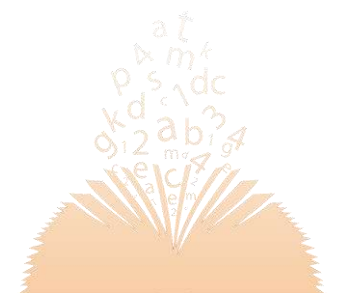
- Heritage dissemination
- Human paleoecology

Master's degree in Primatology

This master's degree offers a high-quality training that allows the student to achieve the knowledge and skills necessary to carry out tasks and research activities in the field of primatology and other related sciences. The program is eminently practical, with a dynamic and participatory theoretical approach, which motivates the analytical and reflective capacity of the students throughout the course from an interdisciplinary and integrating point of view.



IPHES building - IPHES



PhD thesis supervised and defended

Title: **Zooarqueologia e Tafonomia da Transição para a Agro-Pastorícia no Baixo e Médio Vale do Tejo.**

PhD student: Nelson Jose Oliveira de Almeida

University: Universidade de Trás-os-Montes e Alto Douro (Portugal)

Department: Instituto Terra e Memória

Date of presentation: 30th January

Directors: Luiz Miguel Oosterbeek, **Palmira Saladié**, Enrique Cerrillo-Cuenca

Title: **Paléoenvironnements holocènes et anthropisation en région aride: signaux polliniques actuels et fossiles du complexe paraliqque de Bahiret el Bibane (Tunisie méridionale).**

PhD student: Sahbi Jaouadi

University: Muséum National d'Histoire Naturelle (France)

Department: Institut de Paléontologie Humaine

Date of presentation: 17th March

Directors: Vincent Lebreton, **Francesc Burjachs**

Title: **From the flake to the blade: the technological evolution of the middle paleolithic blade phenomenon.**

PhD student: Leonardo Carmignani

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 27th March

Director: **Robert Sala**, Marie Hélène Moncel



Karina V. Cichkoyán PhD defense - IPHES

Title: **Mid-Holocene vegetation history, climate change and Neolithic landscape transformation. Archaeo-palynology in La Draga and Lake Banyoles (NE Iberian Peninsula).**

PhD student: Jordi Revelles López

University: Universitat Autònoma de Barcelona (Spain)

Department: Prehistòria



Date of presentation: 27th March
 Directors: Raquel Piqué, **Francesc Burjachs**

Title: **Initial human dispersal and native fauna at the South American Southern cone, Argentina. An example case from the revision of the fossil collections.**

PhD student: **Karina Vanessa Chichckoyán**

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 29th March

Directors: **Bienvenido Martínez-Navarro**, Margarita Belinchón, José Luis Lanata, Anne-Marie Moigne

Title: **Human impact on small-mammals from Late Glacial to Late Holocene of western Mediterranean region: new environmental and climate approach.**

PhD student: Sandra Bañuls Cardona

University: Università degli Studi di Ferrara

Department: Dipartimento di Studi Umanistici

Date of presentation: 4th April

Directors: **Juan Manuel López García**

Title: **Dinâmicas Ambientais e Humanas durante o Holocénico, no Vale do Tejo.**

PhD student: Cristiana Duarte Ferreira

University: Universidade de Trás-os-Montes e Alto Douro (Portugal)

Department: Escola de Ciências da Vida e do Ambiente

Date of presentation: 13th May

Directors: Pierluigi Rosina, **Francesc Burjachs**, Luiz Oosterbeek

Title: **Late Pleistocene to Mid-Holocene paleoenvironments and human subsistence strategies in east Java: evidence from Song Terus and Braholo Cave.**

PhD student: Noel Amano

University: Muséum National d'Histoire Naturelle (Presented at Indonesia)

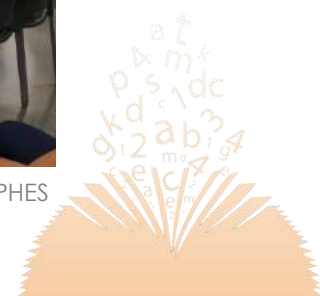
Department: Institut de Paléontologie Humaine

Date of presentation: 24th May

Directors: François Semah, Anne-Marie Moigne, **Bienvenido Martínez-Navarro**



Antonella Pedergrana PhD defense - IPHES



Title: **Microwear and residue analyses of quartzite stone tools. Experimental development of a method and its application to the assemblages from the Pleistocene sites of Gran Dolina-TD10 (Sierra de Atapuerca, Burgos, Spain) and Payre (Ardèche, France).**

PhD student: **Antonella Pedernana**

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 12th June

Directors: **Andreu Ollé**, Marie-Hélène Moncel

Title: **La variabilité du Mode 2 au Maghreb oriental: les groupes humaines à bifaces et hachereaux de Sidi Zin (Tunisie).**

PhD student: Marwa Marnaoui

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 13th June

Director: **Robert Sala**



Marwa Marnaoui PhD defense - IPHES



Pedro Piñero PhD defense - IPHES

Title: **Paleocomunidades de Múridos (Rodenti, Mammalia) del Neógeno superior y Pleistoceno inferior del Sureste de la Península Ibérica.**

PhD student: **Pedro Piñero**

University: Universitat Rovira i Virgili (Spain)



Department: Història i Història de l'Art
 Date of presentation: 11th July
 Director: **Jordi Agustí**

Title: **El papel de las pequeñas presas en la dieta humana del Paleolítico medio y superior. Una visión diacrónica desde el valle del Ródano al arco mediterráneo.**

PhD student: **Anna Rufà**

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 5th September

Directors: **Jordi Rosell**, Ruth Blasco



Anna Rufà PhD defense - I. Roca



Marta Modolo PhD defense - IPHES

Title: **Just Two Questions: Where and why? Reconstruction of Neanderthal Occupational Patterns in the MIS 3.**

PhD student: Marta Modolo

University: Universitat Rovira i Virgili (Spain)

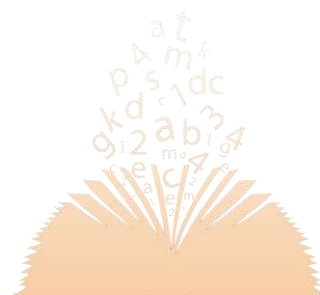
Department: Història i Història de l'Art

Date of presentation: 14th September

Directors: **Jordi Rosell**, Ursula Thun Hohenstein

Title: **Tafonomía de mamíferos en la Puna de Atacama: el sitio Tulan 54.**

PhD student: **Boris David Santander Pizarro**



University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 14th September

Director: **Isabel Cáceres**



Boris Santander PhD defense - IPHES

Title: **Systématique, biostratigraphie, paléoécologie et biogéographie des microvertébrés (mammifères, amphibiens, reptiles, poissons et oiseaux) du Pléistocène du site de l'Oued Sarrat du nord ouest de la Tunisie.**

PhD student: Moncef-Saïd Mtimet

University: University of Carthage (Tunisia)

Department: Faculty of Science of Bizerte

Date of presentation: 23rd October

Directors: Narjess Karoui-Yaakoub, **Jordi Agustí**

Title: **Investigating the Middle to Upper Paleolithic Transition from the Sites in Khorramabad Valley; Western Iran: with Special Reference to Kaldar Cave.**

PhD student: **Behrouz Bazgir**

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Date of presentation: 30th October

Director: **Andreu Ollé**



Behrouz Bazgir PhD defense - IPHES



Master thesis supervised and defended

Title: **Comportamientos técnicos expeditivos en el Holoceno Antiguo del noreste peninsular: el conjunto lítico del Abric Agut (Capellades, Barcelona).**

Student: **Susana Alonso Fernández**

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 15th September

Director: **Manuel Vaquero**

Title: **Áreas de captación y estrategias de aprovisionamiento de materiales abióticos en el Nivel IV de la cova del Bolomor (Tavernes de la Valldigna, Valencia).**

Student: Bruno Cebrà Talens

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 15th September

Director: **Josep Vallverdú**

Title: **Análisis de carcasas intervenidas por zorros en el proyecto experimental de Riofrío (Segovia, España).**

Student: Said Puentes Guerrero

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 15th September

Director: **Isabel Cáceres**

Title: **Early-Middle Palaeolithic industries in Southwestern of Europe: the study of lithic assemblages of Cansaladeta's level D (La Riba, Tarragona).**

Student: Andrés Jurado Cortés

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 25th September

Directors: **Andreu Ollé, Xosé Pedro Rodríguez**

Title: **Gesto a gesto: descodificación de las secuencias de talla implicadas en las cadenas operativas de los Modos Técnicos 1 y 2. Un estudio experimental.**

Student: Arturo Cueva Temprana

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 25th September

Director: **Marina Mosquera**

Title: **Asymmetry of hands on modern human; geometric morphometric analysis of metacarpal bones.**

Student: Valerie Deschênes

University: Museum National d'Histoire Naturelle (France)

Date of presentation: 25th September

Director: **Carlos Lorenzo**

Title: **Reconociendo a los talladores expertos e inexpertos. Análisis sobre los restos líticos experimentales de talla bifacial.**

Student: Cristina Enjuto Crespo

University: Università degli Studi di Ferrara (Italy)



Date of presentation: 25th September
 Director: **Marina Mosquera**

Title: **Los ornamentos en concha durante el Magdalenense. El caso de la Cova del Parco (Alòs de Balaguer, Lleida).**

Student: Gala García-Argudo Ripoll
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Josep Maria Vergès**

Title: **Análisis zooarqueológico y tafonómico del nivel C del Abrigo de Navalmaíllo (Pinilla del Valle, Madrid).**

Student: Darío Herranz Rodrigo
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Rosa Huguet**

Title: **Etude tracéologique et expérimentale des burins de graveurs sur les plaquettes de schiste du site Molí del Salt (Vimbodí, Conca de Barberà, Tarragona).**

Student: Sofiane Kheloufi
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Josep Maria Vergès Bosch**

Title: **Análisis funcional de raspadores en sílex del Molí del Salt. Aproximación experimental. Análisis traceológico de huellas de uso y de empuñadura.**

Student: Sergio Miguel Luengo Cortés
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Directors: **Andreu Ollé, Manuel Vaquero**

Title: **Los retocadores en hueso de la Cova de les Teixoneres (Moià, Barcelona): experimentación y estudio tecnológico.**

Student: Paula Mateo Lomba
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Jordi Rosell**

Title: **Relación de los senos frontales con el clima en Homo sapiens y su aplicación al registro paleoantropológico del Pleistoceno medio.**

Student: Noemí Pérez López
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Carlos Lorenzo**

Title: **Food habits of cave bear (Ursus spelaeus) in southern latitudes of Europe during Late Pleistocene: the case of Toll Cave (MIS 3; Spain): stable isotope analyses ($\delta^{13}C$ and $\delta^{15}N$) in bone collagen and tooth microwear.**

Student: Iván Ramírez Pedraza



University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Directors: **Florent Rivals**, **Carlos Tornero**

Title: **Techno-typological analysis of Gotera lithic collections: implications for reconstructing late Pleistocene human behavior in the Southern Rift Valley of Ethiopia.**

Student: Haftom Behrane Taezaz
 University: Università degli Studi di Ferrara (Italy)
 Date of presentation: 25th September
 Directors: Marta Azarello, **Deborah Barsky**

Title: **Cuestiones tecno-económicas en la explotación de recursos líticos: la industria laminar del Molí del Salt (Vimbodí i Poblet, Tarragona).**

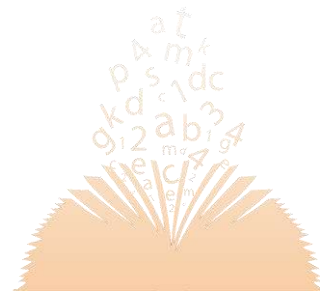
Student: Javier Sánchez Martínez
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Manuel Vaquero**

Title: **Análisis antropológico y paleopatológico de restos postcraneales del sepulcro colectivo de la cueva de El Mirador (Sierra de Atapuerca, Burgos).**

Student: Marta Yustos Torrecilla
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 25th September
 Director: **Marina Lozano**



Master students lecture at Tautavel - IPHES



Participation in assessment Committees

Participation in assessment Committees to evaluate PhD thesis

Title: **Zooarqueologia e Tafonomia da Transição para a Agro-Pastorícia no Baixo e Médio Vale do Tejo.**

PhD student: Nelson Jose Oliveira de Almeida

University: Universidade de Trás-os-Montes e Alto Douro (Portugal)

Date of presentation: 30th January

Directors: Luiz Miguel Oosterbeek, **Palmira Saladié**, Enrique Cerrillo-Cuenca

Role in the Committee: **Palmira Saladié** - Regular member

Title: **Dinâmicas Ambientais e Humanas durante o Holocénico, no Vale do Tejo.**

PhD student: Cristiana Duarte Ferreira

University: Universidade de Trás os Montes e Alto Douro (Portugal)

Date of presentation: 13th March

Directors: Luiz Oosterbeek, **Francesc Burjachs**, Pierluigi Rosina

Role in the Committee: **Ethel Allué** - Vocal

Title: **Use-wear analysis of discoid-conception lithic industries.**

PhD student: Gabriele Luigi Francesco Berruti

University: Universidade de Trás-os-Montes e Alto Douro (Portugal)

Date of presentation: 22nd March

Directors: Marta Arzarello, Pierluigi Rossina

Role in the Committee: **Andreu Ollé** - International reporter

Title: **Estudio Tafonómico de los niveles arqueológicos de BK (Bell Korongo), Garganta de Olduvai, Tanzania.**

PhD student: Elia Organista

University: Universidad Complutense de Madrid (Spain)

Date of presentation: 23th March

Director: Manuel Domínguez-Rodrigo

Role in the Committee: **Rosa Huguet** - Regular member

Title: **From the Flake to the Blade: the Technological Evolution of the Middle Paleolithic Blade Phenomenon.**

PhD student: Leonardo Carmignani

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 27th March

Directors: **Robert Sala**, Marie Hélène Moncel

Role in the Committee: **Manuel Vaquero** – President, **M. Gema Chacón** – supply Regular member

Title: **Initial human dispersal and native fauna and the South America, southern cone, Argentina. An example case from the revision of the fossil collections.**

PhD student: Karina Vanesa Chichkoyan

University: Universidad Rovira i Virgili (Spain)

Date of presentation: 29th March



Directors: **Bienvenido Marínez-Navarro**, Margarita Belinchón, José Luís Lanata
 Role in the Committee: **Rosa Huguet** - President

Title: **Els tallers d'història de l'art en l'educació infantil a Catalunya (2002-2016). El paper de les empreses de serveis culturals.**

PhD student: Eva Maria Poblador Relancio

University: Universitat de Barcelona (Spain)

Date of presentation: 31st May

Directors: Dr Francesc Xavier Hernandez Cardona

Role in the Committee: **Robert Sala** – President

Title: **Microwear and residue analyses of quartzite stone tools. Experimental development of a method and its application to the assemblages from the Pleistocene sites of Gran Dolina-TD10 (Sierra de Atapuerca, Burgos, Spain) and Payre (Ardèche, France).**

PhD student: **Antonella Pederghana**

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 12th June

Directors: **Andreu Ollé**, Marie-Hélène Moncel

Role in the Committee: **M. Gema Chacón** – supply Regular member

Title: **La Variabilité Du Mode 2 au Maghreb oriental: les groupes humains à bifaces et hacheraux de Sidi Zin (Tunisie).**

PhD student: Marwa Marnaoui

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 13th June

Director: **Robert Sala**

Role in the Committee: **Deborah Barsky** – President, **M. Gema Chacón** – supply Regular member

Title: **Analyses tracéologiques pour l'interprétation de la fonction et de l'utilisation d'industries lithiques en quartz du Paléolithique coréen.**

PhD student: Kyung-jin Kim

University: Université Perpignan (France)

Date of presentation: 19th June

Director: Sophie Gregoire

Role in the Committee: **Robert Sala** - Reviewer

Title: **Paleocomunidades de Múridos (Rodenti, Mammalia) del Neógeno superior y Pleistoceno inferior del Sureste de la Península Ibérica.**

PhD student: **Pedro Piñero**

University: Universitat Rovira i Virgili (Spain)

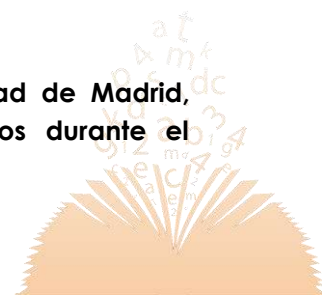
Date of presentation: 11th July

Director: **Jordi Agustí**

Role in the Committee: **Hugues-Alexandre Blain** - President

Title: **Aportaciones de los yacimientos de Pinilla del Valle (Comunidad de Madrid, España) al conocimiento de la biogeografía de los micromamíferos durante el Pleistoceno Superior en la Península Ibérica.**

PhD student: César Laplana Conesa



University: Universidad Complutense de Madrid (Spain)
 Date of presentation: 12th July
 Directors: Enrique Baquedano, Paloma Sevilla, Juan Luís Arsuaga
 Role in the Committee: **Jordi Agustí** - Regular member

Title: **An Archaeozoological Study of Amphibians and Reptiles from Pleistocene Archaeological Sites in the Hula Valley, Israel.**

Student: Rebecca Biton
 University: Hebrew University of Jerusalem
 Date of presentation: 1st August
 Director: Rivka Rabinovitch
 Role in the Committee: **Hugues-Alexandre Blain** - External member

Title: **El papel de las pequeñas presas en la dieta humana del Paleolítico medio y superior. Una visión diacrónica desde el valle del Ródano al arco mediterráneo.**

PhD student: **Anna Rufà**
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 5th September
 Directors: **Jordi Rosell**, Ruth Blasco
 Role in the Committee: **Manuel Vaquero** - President

Title: **Characterisation of the biodiversity and biological affinities in the first farmers and last Hunter-Gatherers from North-East Iberia by dental morphology analysis.**

PhD student: Diego López Onaindia
 University: Universitat Autònoma de Barcelona (Spain)
 Date of presentation: 6th september
 Director: M^a Eulàlia Subirà
 Role in the Committee: **Marina Lozano** - Secretary

Title: **Just two questions: where and why? Reconstruction of Neanderthal occupational patterns in the MIS 3.**

PhD student: Marta Modolo
 University: Universitat Rovira i Virgili (Spain)
 Date of presentation: 14th September
 Directors: **Jordi Rosell**, Ursula Thun Hohenstein
 Role in the Committee: **Manuel Vaquero** – President

Title: **Los mamíferos del Mioceno inferior de la Cuenca de Ribesalbes-Alcora (Castelló, España).**

PhD student: Vicente Crespo Roures
 University: Universitat de València (Spain)
 Date of presentation: 18th September
 Directors: Francisco Ruiz, Plinio Montoya
 Role in the Committee: **Jordi Agustí** - President

Title: **Teoría del arte de las sociedades de cazadores, pescadores y recolectores en Andalucía.**

PhD student: Pablo José Ramírez Moreno
 University: Universidad de Sevilla (Spain)



Date of presentation: 25th September
 Director: Oswaldo Arteaga Matute
 Role in the Committee: **Eudald Carbonell** – President

Title: **Systématique, biostratigraphie, paléoécologie et biogéographie des microvertébrés (mammifères, amphibiens, reptiles, poissons et oiseaux) du Pléistocène du site de l'Oued Sarrat du nord ouest de la Tunisie.**

PhD student: Moncef-Saïd Mtimet

University: University of Carthage (Tunisia)

Date of presentation: 23rd October

Directors: Narjess Karoui-Yaakoub, **Jordi Agustí**

Role in the Committee: **Bienvenido Martínez** – Reviewer, **Hugues-Alexandre Blain** – Regular member

Title: **Investigating the Middle to Upper Paleolithic transition from the sites in Khorramabad Valley, Western Iran with special reference to Kaldar Cave.**

PhD student: **Behrouz Bazgir**

University: Universitat Rovira i Virgili (Spain)

Date of presentation: 30th October

Director: **Andreu Ollé**

Role in the Committee: **Eudald Carbonell** – President, **M. Gema Chacón** – Regular member

Title: **Paisaje vegetal y gestión de los recursos leñosos durante la transición epipaleolítico-neolítico en el Valle del Ebro. Aportaciones desde la antracología.**

PhD student: Marta Alcolea

University: Universidad de Zaragoza (Spain)

Date of presentation: 17th November

Directors: Carlos Mazo, Pilar Utrilla

Role in the Committee: **Ethel Allué** – Secretary

Title: **Grands herbivores de la fin du Pléistocène moyen au début du Pléistocène supérieur dans le sud de la France. Implications anthropologiques pour la lignée néandertalienne.**

PhD student: Antigone Uzunidis-Boutillier

University: Université d'Aix-Marseille (France)

Date of presentation: 21th November

Director: Jean-Philip Brugal

Role in the Committee: **Florent Rivals** – Reviewer

Title: **Estudio y caracterización morfológica de los patrones de crestas del trigónido y talónido en el esmal-te y en la dentina de los homínidos del Pleistoceno de la Sierra de Atapuerca (Burgos) mediante técnicas de microtomografía computarizada. Comparativa con otros grupos humanos e inferencias evolutivas.**

PhD student: Marina Martínez de Pinillos González

University: Universidad de Burgos (Spain)

Date of presentation: 14th December

Directors: María Martinón Torres, José M^a Bermúdez de Castro Risueño, María Rebeca García González

Role in the Committee: **Marina Lozano** – Regular member



Participation in assessment Committees to evaluate Master thesis

Title: **Zooarchaeological analysis of the large mammals from the Epigravettian occupation of Riparo Tagli-ente, northern Italy (SU 613 and 616).**

Student: Diana Carolina Chávez

University: Università degli Studi di Ferrara (Italy)

Date of presentation: September

Directors: Ursula Thun Hohenstein, Federica Fontana, Maria Chiara Turrini, Fabio Cavulli

Role in the Committee: **Isabel Cáceres** - External Report

Title: **Reproducción del guanaco en época pre-doméstica Planteamiento de un modelo de simulación.**

Student: Alejandro Guardiola González

University: Universitat Autònoma de Barcelona (Spain)

Date of presentation: September

Directors: Juan Antón Barceló Álvarez, María Saña

Role in the Committee: **Carlos Tornero** - Secretary

Participation in assessment Committees to evaluate Academic positions

Position: Catedrático Universitario

University: Universidad de Burgos (Spain)

Department: Historia, Geografía y Comunicación

Candidate: Carlos Díez

Date: 20th October

Role in the Committee: **Eudald Carbonell** - President

Position: Adjunct Professor

University: Universitat Rovira i Virgili (Spain)

Department: Història i Història de l'Art

Candidate: **Carlos Lorenzo**

Date: 26th October

Role in the Committee: **Eudald Carbonell** - President





Outreach

Staff and Specialities

- Dr. Hajnalka Herold**
Early Middle Ages in Europe and beyond
experimental analysis of pottery
- Dr. Laura Evis**
Osteoarchaeology, Forensic Anthropology
and Archaeology, Experimental Excavation
Techniques
- Dr. Catriona McKenzie**
Osteoarchaeology, Palaeopathology,
Funerary Archaeology
- Dr. Robert Morkot**
Archaeology and History of Egypt and
Nubia, History of Archaeology,
Historiography, Libya
- Dr. Ioana Oltean**
Roman Archaeology, Dacia, Aerial Survey
- Professor Stephen Rippon**
Landscape Archaeology in the Roman
and Medieval Periods
- Professor Nagmi S. J.**

Talks & conferences

Catalonia

Cicle de conferències: “El Mediterrani, com no l’hem conegut”

Organizers: IPHES & CaixaForum Tarragona

City: Tarragona

“Ses Illes Balears com a laboratori. Canvis de paisatge a la Mediterrània Occidental”.

Author: **Francesc Burjachs**

Date: 11th May

“Quan el Mediterrani es va dessecar”.

Author: **Jordi Agustí**

Date: 19th May

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

Author: **Josep Maria Vergès**

Organizer: CRAI-Campus Catalunya (URV)

City: Tarragona

Date: 16th January

Un maar de tresors: el jaciment paleontològic del Camp dels Ninots.

Author: **Gerard Campeny, Bruno Gómez de Soler**

Organizer: Asociación Española para la Enseñanza de las Ciencias de la Tierra (AEPECT)

City: Girona

Date: 3rd February

Actuaciones de conservación-restauración y registro 3D aplicados al material paleoantropológico del yacimiento musteriense de la Cova Foradà (Oliva, Valencia).

Author: **Gala Gómez Merino**

Organizer: Escola Superior de Conservació i Restauració de Béns Culturals

City: Barcelona

Date: 21st February

Paleoecologia i Ecosistemes del Passat: la Cova de les Llenes.

Author: **Maite Arilla**

Organizer: Institut de Tremp

City: Tremp (Lleida)

Date: 22nd March

El geni culinari. Innovacions que marquen la nostra cuina.

Author: Lluís García, **Eudald Carbonell**, Joan Roca

Organizer: Museu d'Arqueologia de Catalunya - Girona

City: Sant Pere de Galligants (Girona)

Date: 31st March



El jaciment paleontològic del Camp dels Ninots. Un recurs per a l'educació de les Ciències de la Terra.

Author: **Gerard Campeny**

Organizer: Institut d'Educació Secundària de Sils

City: Sils (Girona)

Date: 21st April

L'origen de la Parla.

Author: **Lluís Batista**

Organizer: IPHES & Ajuntament de Maspujols

City: Maspujols (Tarragona)

Dates: 27th April

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

Author: **Josep Maria Vergès**

Organizer: INS Fonts del Glorieta

City: Alcover (Tarragona)

Date: 26th April

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

Author: **Josep Maria Vergès**

Organizer: Ajuntament de Picamoixons

City: Picamoixons (Tarragona)

Date: 1st May

El "canvi climàtic" vist per un palinòleg.

Author: **Francesc Burjachs**

Organizer: Sopar - tertúlia del Col·lectiu "El Corral"

City: La Selva del Camp (Tarragona)

Date: 2nd June

L'art noble del Molí del Salt.

Author: Manuel Vaquero

Organizer: Ajuntament de Vimbodí i Poblet

City: Vimbodí i Poblet (Tarragona)

Date: 15th July

Territori conflictives i lluita per la supervivència en l'evolució humana.

Author: **Robert Sala**

Organizer: Institut d'Estudis Penedesencs. VI Seminari d' Història del Penedès "Els conflictes al Penedès històric"

City: Vilanova i la Geltrú (Barcelona)

Date: 20th October



Comunicació i evolució humana.

Author: **Eudald Carbonell**

Organizer: Societat Catalana de Comunicació (IEC-Institut d'Estudis Catalans)

Date: 26th October

Dientes, dientes, que es lo que nos gusta.

Author: **Carlos Sánchez**

Organizer: Universitat Rovira i Virgili (Concurs "Vols saber què investigo?")

City: Reus (Tarragona)

Date: 14th November

Distinction: First prize and public award



Carlos Sánchez during his talk - URV

Cova de les Llenes: Paleoecologia i Ecosistemes del Passat.

Author: **Maite Arilla**

Organizer: Fundació Catalana per la Recerca i la Innovació

City: Pont de Suert (Lleida)

Date: 15th November

Per què a vegades fa calor i d'altres fred? Canvis climàtics i evolució humana.

Author: **Francesc Burjachs**

Organizer: Fundació Catalana per a la Recerca i la Innovació (FCRI). 22a Setmana de la Ciència.

City: Alcover (Tarragona)

Date: 15th November

Orce: un "spa" per a mamuts, hominids i hienes.

Author: **Bienvenido Martínez-Navarro**

Organizer: Fundació Catalana per a la Recerca i la Innovació

City: Falset (Tarragona)

Date: 15th November



Neandertals entre óssos i glaceres: darreres intervencions a la Cova de les Llenes i a la Cova dels Tritons (Congost d'Erinyà, Pallars Jussà).

Authors: **Jordi Rosell, Maite Arilla**, Ruth Blasco

Organizer: Tribuna d'Arqueologia 2017-2018. Generalitat de Catalunya

City: Barcelona

Date: 29th November

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

Author: **Gerard Campeny**

Organizer: Comunitat URV-CEICS

City: Tarragona

Date: 15th December?

National

Ciclo: "Los primeros pobladores de la región de Murcia y su contexto ecológico"

Organizers: IPHES & Obra Social La Caixa

City: Murcia

Date: 6th-7th October

"De Orce a Cueva Victoria pasando por Quibas: primeras ocupaciones humanas en el sureste español".

Author: **Jordi Agustí**

"Entorno ambiental de la Sierra de Quibas hace un millón de años".

Author: **Pedro Piñero**

"Ocupaciones humanas en el Pleistoceno de la Sierra de Atapuerca".

Author: **Josep Vallverdú**

"Poblamiento antrópico en el "Sáhara verde" a lo largo del Pleistoceno, Ain Beni Methar (Marruecos) y N'Gous (Argelia)".

Author: **Robert Sala**





Illustrative poster for the cycle of conferences in EspacioCaixa Murcia

El papel del restaurador en una excavación arqueològica (The rol of the conservator in an archaeological excavation).

Author: **Lucía López-Polín**
 Organizer: Museo de la Evolución Humana (MEH)
 City: Burgos (Spain)
 Date: 24th January

Arrels prehistòriques de la transhumància als Pirineus: Noves aportacions bioarqueològiques a partir de les anàlisis d'isòtops estables.

Author: **Carlos Tornero**
 Organizer: Institut d'Estudis Catalans (IEC)
 City: Barcelona
 Date: 30th March

Metodología y sistemas de trabajo en una excavación.

Author: **Eudald Carbonell**
 Organizer: Ayuntamiento de Villasur
 City: Villasur (Burgos)
 Date: 22nd April



En busca del futuro

Authors: Luis Quevedo, **Eudald Carbonell**

Organizer: Universidad Carlos III. Campus de Leganés de la UC3
City: Madrid
Date: 8th May

Organizer: Ayuntamiento de Vitoria-Gasteiz
City: Vitoria-Gasteiz
Date: 9th May

La desaparición del mamut en el valle de Lecrín.

Author: **Bienvenido Martínez-Navarro**

Organizer: III Jornada de Deporte y Ética de Dúrcal. Deporte, Cultura y Turismo - Una oportunidad de convivencia
City: Dúrcal (Granada)
Date: 26th May

Dieta y desgaste dental de los primeros europeos.

Author: **Marina Lozano**

Organizer: Instituto de la Juventud de Castilla y León (Consejería de familia e Igualdad de Oportunidades)
City: Burgos
Date: 6th July

El proyecto sobre el Paleolítico del valle de Khorramabad (Irán): resultados actuales y perspectivas de futuro.

Author: **Andreu Ollé**

Organizer: Ciclo de conferencias "20 años después del Premio Príncipe de Asturias", Residencia Gil de Siloé
City: Burgos
Date: 18th July

Paleontología Sistemática: Dispersiones faunísticas en el Plio-Pleistoceno.

Author: **Bienvenido Martínez-Navarro**

Organizers: Universidad Internacional de Andalucía, Fundación Instituto de Investigación de Prehistoria y Evolución Humana, Instituto Universitario de Investigación de Arqueología Ibérica & Universidad de Jaén. Campus internacional de Arqueología Bedmar Prehistórico.
City: Bedmar (Jaén)
Date: 27th July

The stone toolkits from Barranco León and Fuente Nueva 3 (Orce, Andalusia).

Author: **Deborah Barsky**, Stefania Tifton

Organizers: Ayuntamiento de Orce & Universidad de Granada
City: Orce (Granada)
Date: 8th July



Interacción carnívoros y homínidos: una relación constante.

Author: **Jordi Rosell**, Ruth Blasco
 Organizer: Museo de la Evolución Humana (MEH)
 City: Burgos
 Date: 26th September

Los yacimientos arqueopaleontológicos de Orce: su significado e importancia en el contexto de la evolución humana.

Author: **Bienvenido Martínez-Navarro**
 Organizer: Universidad Internacional de Andalucía
 City: Baeza (Jaén)
 Date: 6th October

Los Primeros Asentamientos Humanos en Cáceres: El Calerizo de Cáceres y su aportación al Paleolítico Regional.

Author: **Antoni Canals**
 Organizer: Ayuntamiento de Berzocana
 City: Berzocana (Cáceres)
 Date: 28th October

Coloquio “En busca del futuro”

Author: **Eudald Carbonell**

Organizer: Festival de Irún de cine arqueológico del Bidasoa
 City: Irún (Guipúzkoa)
 Date: 21th November

Organizer: Fundación Orona de Hernani.
 City: Hernani (Guipúzkoa)
 Date: 22th November

Los primeros Pobladores del Suroeste Peninsular.

Author: **Antoni Canals**
 Organizer: Jornada de divulgación del Patrimonio Prehistórico de Taejo Internacional.
 Diputación de Cáceres
 City: Valencia de Alcántara (Cáceres)
 Date: 24th November

Las primeras poblaciones humanas de Europa: los grandes mamíferos de Orce en el contexto de las dispersiones faunísticas durante el Pleistoceno inferior en África y Eurasia.

Author: **Bienvenido Martínez-Navarro**
 Organizer: Department of Ecology and Geology, Faculty of Sciences, University of Málaga
 City: Málaga
 Date: 24th November

Presentación del libro “40 años inmersos en el pasado”.

Author: **Eudald Carbonell**
 Organizer: Librería Lé



City: Madrid
Date: 13th December

The Origins of the Anthropocene. A Long-Term View.

Author: **Robert Sala, Javier Fernández-López de Pablo, Sergi Lozano**
Organizer: Centre de Cultura Contemporània de Barcelona (CCCB)
City: Barcelona
Date: 14th December

International

Cognitive archaeology: the evolution of human cognition through the study of the behaviour of chimpanzees (*Pan troglodytes*).

Author: **Marina Mosquera**
Organizer: University College of London (UCL)
City: London (United Kingdom)
Date: 7th February

La vita quotidiana dei Neandertaliani.

Author: Marco Peresani, Francesco Boschin, **Francesca Romagnoli**, Lucia Sarti
Organizer: TourismA 2017
City: Firenze (Italy)
Date: 17th February

Hominid-carnivore interactions: a path of joint evolution.

Author: **Jordi Rosell**, Ruth Blasco
Organizer: Tel Aviv University
City: Tel Aviv (Israel)
Date: 21st March

REAPPAST – High-resolution approach in Palaeolithic sites for reconstructing social dynamics and technical behaviour.

Author: **Francesca Romagnoli**
Organizer: Université de Bordeaux, PACEA UMR 5199
City: Bordeaux (France)
Date: 10th March

Sequential isotopic ($\delta^{13}\text{C}$ and $\delta^{18}\text{O}$) analysis in sheep tooth enamel: inferring breeding strategies and altitudinal herd movements.

Author: **Carlos Tornero**
Organizer: Lamont-Doherty Earth Observatory (LDEO), Columbia University
City: New York (USA)
Date: 1st May

Why paleontology is relevant?

Author: **Pedro Piñero**
Organizer: Istituto D'Istruzione Superiore "M. T. Cicerone" Sez. Liceo Classico
City: Frascati (Italy)
Date: 6th June



Industrie lithique découvertes à Ain Béni Mathar, Guefait : résultats de recherches.

Author: **M. Gema Chacón**

Organizer: Université Mohammed Premier, Faculté de Sciences

City: Oujda (Morocco)

Date: 23th November

What Taphonomy tell us about Neanderthals?

Authors: **Jordi Rosell**

Organizer: Università degli Studi di Ferrara

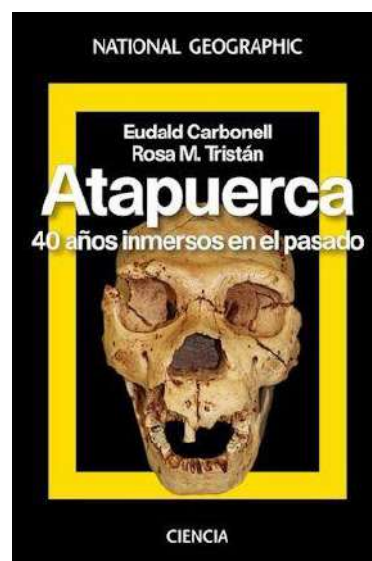
City: Ferrara (Italy)

Date: 24th November

Outreach publications

Carbonell, E., Tristán, R.M., 2017. Atapuerca: 40 años de historia, National Geographic.

Carbonell, E., Bermúdez de Castro, J., **Sala, R.**, 2017. Homo Sapiens: Qui som?. Revista Sapiens, 83-89.



Atapuerca book in National Geographic

Science education. No formal education

Programme: **IPHES a les escoles**

Organizer: IPHES & FECYT (FCT-16-11167)

Educational center: Escola Els Ganxets

Degree: 2nd primary school

Students benefited: 27

Location: Reus (Tarragona)

Date: 19th January

Educational center: Escola Salicrú

Degree: 5th primary school

Students benefited: 50

Location: Calella (Barcelona)

Date: 23rd January



Educational center: Escola Minerva
Degree: 5th primary school
Students benefited: 48
Location: Calella (Barcelona)
Date: 23rd January

Educational center: Escola Freta
Degree: 5th primary school
Students benefited: 85
Location: Calella (Barcelona)
Date: 24th January

Educational center: Escola Pía
Degree: 5th primary school
Students benefited: 100
Location: Calella (Barcelona)
Date: 25th January

Educational center: Escola Mediterrani
Degree: 6th primary school
Students benefited: 10
Location: Tarragona
Dates: 22nd February & 8th March

Educational center: Escola Sant Esteve
Degree: 5th primary school
Students benefited: 25
Location: Caldes de Malavella (Girona)
Dates: 27th March & 3rd April

Educational center: Escola Pía
Degree: 5th primary school
Students benefited: 50
Location: Moià (Barcelona)
Dates: 28-29th March

Educational center: INS Moianès
Degree: 1st Batx.
Students benefited: 50
Location: Moià (Barcelona)
Date: 21st April

Educational center: INS Moianès
Degree: 1st ESO
Students benefited: 73
Location: Moià (Barcelona)
Dates: 24th-25th April





IPHES a les escoles 2017 - IPHES

Educational center: Escola La Benaula
 Degree: 5th primary school
 Students benefited: 37
 Location: Caldes de Malavella (Girona)
 Dates: 8th May & 15th May

Educational center: Escola Les Muralles
 Degree: 5th & 6th primary school
 Students benefited: 120
 Location: Caldes de Malavella (Girona)
 Dates: 10-11th May

Educational center: Escola La Canaleta
 Degree: 4th primary school
 Students benefited: 43
 Location: Vila-seca (Tarragona)
 Dates: 12th May & 19th May

Educational center: Escola La Canonja
 Degree: 6th primary school
 Students benefited: 50
 Location: La Canonja (Tarragona)
 Date: 8th June

Educational center: Escola d'adults La Verneda-Sant Martí
 Degree: Adult education
 Students benefited: 30
 Location: Barcelona
 Dates: 12-13th June

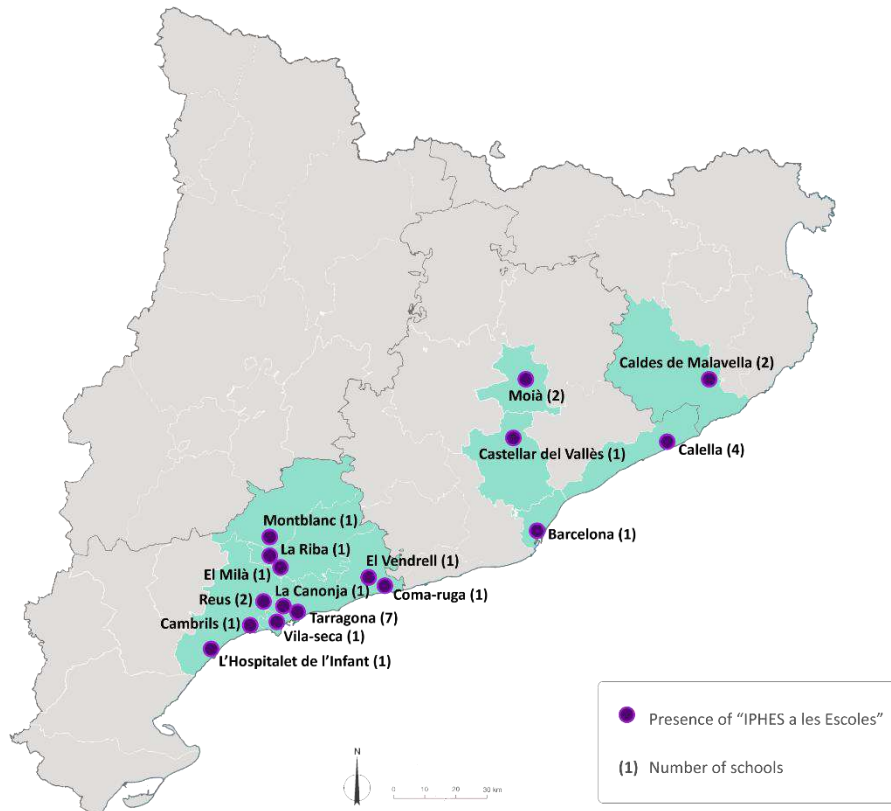


Educational center: Escola la Riba
 Degree: Different levels of primary school
 Students benefited: 25
 Location: La Riba (Tarragona)
 Date: 15th November

Educational center: Espai d'Aprenentatge de la PAH de Tarragona
 Degree: Different levels of primary school
 Students benefited: 15
 Location: Ancient building from URV, Pl. Imperial Tarraco (Tarragona)
 Date: 23rd November

Educational center: Escola Pla de Mar
 Degree: 2nd & 5th primary school
 Students benefited: 57
 Location: Coma-ruga (Tarragona)
 Date: 13th December

Educational center: Escola El Casal
 Degree: 1st ESO
 Students benefited: 32
 Location: Castellar del Vallès (Barcelona)
 Date: 15th December



Educational center: Col·legi Pare Manyanet
 Degree: 3rd primary school
 Students benefited: 32
 Location: Reus
 Date: 21st April

Programme: **Les Escoles l'IPHES**
 Organizer: IPHES

Educational center: Escola Cèsar August (Tarragona)
 Degree: 5th primary school
 Location: IPHES (Tarragona)
 Students benefited: 75
 Dates: 11th January & 18th January

Educational center: INS Berenguer d'Entença (Hospitalet de l'Infant)
 Degree: 1st Batx.
 Students benefited: 40
 Location: IPHES (Tarragona)
 Date: 23rd February

Educational center: Escola Mediterrani (Tarragona)
 Degree: 6th primary school
 Students benefited: 10
 Location: IPHES (Tarragona)
 Date: 15th March

Educational center: Associació de famílies "El Gínjol" (Cambrils)
 Degree: Different levels of primary school
 Students benefited: 42
 Location: IPHES (Tarragona)
 Date: 19th April

Educational center: Associació educativa "Submarí Lila" (El Milà)
 Degree: Different levels of primary school
 Students benefited: 15
 Location: IPHES (Tarragona)
 Date: 18th May

Educational center: Fundació Estela (Tarragona)
 Degree: Special education
 Students benefited: 24
 Location: IPHES (Tarragona)
 Date: 7th June

Educational center: Escola Pràctiques (Tarragona)
 Degree: 4th primary school
 Students benefited: 55
 Location: IPHES (Tarragona)
 Dates: 16th-17th November



Educational center: INS Martí i Franquès (Tarragona)
Degree: 1st Batx.
Students benefited: 105
Location: IPHES (Tarragona)
Dates: 24th November & 5th December

Educational center: Escola l'Arrabassada (Tarragona)
Degree: First of primary school
Students benefited: 26
Location: IPHES (Tarragona)
Date: 21st November



Les Escoles a l'IPHES 2017 - IPHES

Programme: **Formació Científica, Tecnològica i Matemàtica (CTM)**
Organizer: IPHES/ Departament d'Ensenyament de la Generalitat de Catalunya
Educational center: Different centers of the province of Tarragona
Degree: High school teachers
Students benefited: 5
Location: IPHES (Tarragona)
Dates: 9th February & 16th February



Programme: **Programa Estades a centres de recerca ACER. Premis extraordinaris de Batxillerat del Departament d'Ensenyament**

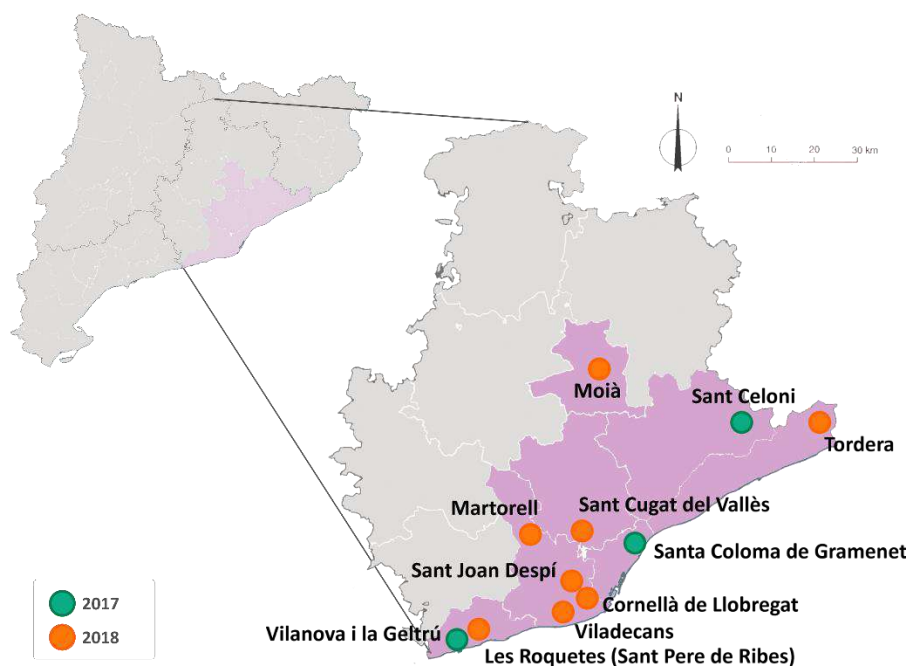
Organizer: Departament d'Ensenyament/ ACER/ IPHES

Degree: Bachelor's degrees

Students benefited: 1

Location: IPHES (Tarragona)

Dates: 3rd-7th July



Bibliolab programme - IPHES

Programme: **Bibliolab. Els Primers Pàgesos**

Organizer: Xarxa de Biblioteques Municipals de la Diputació de Barcelona

Degree: Different levels of primary education

Students benefited: 9

Location: Biblioteca l'Escorxador, Sant Celoni (Barcelona)

Date: 3rd November

Programme: **Bibliolab. Un Viatge de Milions d'Anys**

Organizer: Xarxa de Biblioteques Municipals de la Diputació de Barcelona

Degree: Different levels of primary education

Students benefited: 11

Location: Biblioteca Armand Cardona Torrandell, Vilanova i la Geltrú (Barcelona)

Date: 18th November

Students benefited: 15

Location: Biblioteca Central, Santa Coloma de Gramenet (Barcelona)

Date: 12th December





Aprèn experimentant



Els primers pagesos

Experimenta com s'elaboraven estris de ceràmica al Neolític


Biblioteca l'Escorxador 2017
 Divendres 3 de novembre a les 6 de la tarda
 Inscripcions: s'obren dimecres 25 d'octubre
 Per a majors de 10 anys




Aprèn experimentant



UN VIATGE DE MILIONS D'ANYS

- Taller pràctic on descobrirem l'art rupestre.
- Pintarem fent servir les tècniques i pintures, imitant els primers artistes.

Biblioteca Central
 Dimarts **12 de desembre** a les **18 hores**
 Places limitades. Cal inscripció prèvia
Adreçat a majors de 10 anys




TALLER INFANTIL

UN VIATGE DE MILIONS D'ANYS



A càrrec de l'**Institut Català de Paleoecologia Humana i Evolució Social (IPHES)**.

Adreçat a majors de 10 anys. Places limitades. Inscripció prèvia a la Biblioteca a partir del 16 d'octubre.

Dissabte 18 de novembre a les 18h

BIBLIOTECA ARMAND CARDONA

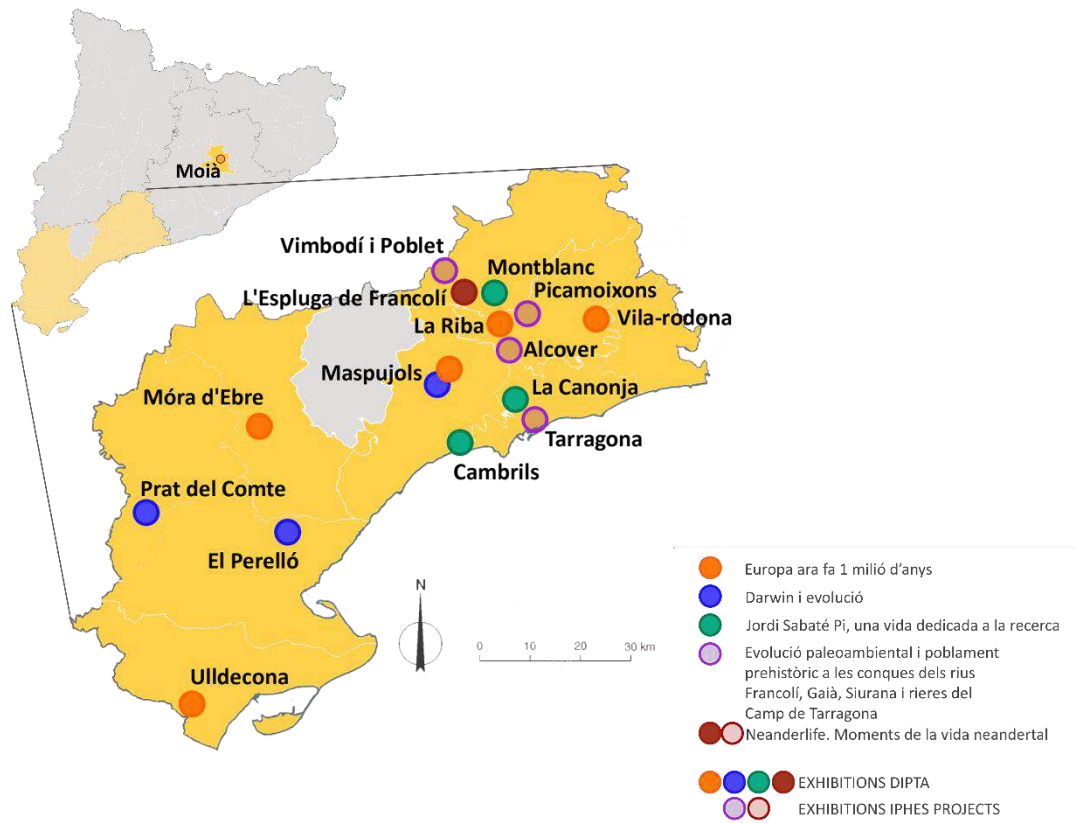
Programa Bibliolab de la Xarxa de Biblioteques Municipals de la Diputació de Barcelona



Announcement of Bibliolab programmes at Sant Celoni, Vilanova i la Geltrú and Santa Coloma de Gramenet – Xarxa de Biblioteques Municipals de la Diputació de Barcelona



Exhibitions



Exhibitions managed by IPHES in 2017 - IPHES

Exhibition: **Europa ara fa 1 milió d'anys**

Organizers: IPHES & Diputació de Tarragona

Location: Teatre municipal La Llanterna, Móra d'Ebre (Tarragona)

Dates: 13th January – 12th February

Location: Sala d'Exposicions de l'Ajuntament De Maspujols, Maspujols (Tarragona)

Dates: 8th-30th April

Location: Casa de Cultura d'Ulldecona, Ulldecona (Tarragona)

Dates: 5th – 28th May

Location: Casa de Cultura de Vila-Rodona, Vila-rodona (Tarragona)

Dates: 3rd-20th June

Location: Casal d'Avis, La Riba (Tarragona)

Dates: 10th-20th November





Europa ara fa 1 milió d'anys exhibition - IPHES

Exhibition: **Neanderlife. Moments de la Vida Neandertal/ Momentos de la Vida Neandertal**

Organizers: IPHES, UAM, UdG, MINECO

Location: Museu de Moià, Moià (Barcelona)

Dates: 28th January – 5th June

Location: Sala de Exposiciones UAM, Universidad Autónoma de Madrid (Madrid)

Dates: 16th January – 5th February

Location: Coves de l'Espluga, L'Espluga de Francolí (Tarragona)

Dates: 2nd August – 30th September



Opening of the exhibition Neanderlife - IPHES

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

Organizer: IPHES



Location: CRAI-Campus Catalunya (URV)
 Dates: 16th January - 10th February

Location: INS Fonts del Glorieta (Alcover)
 Dates: 19th April- 28th April

Location: Societat Recreativa de Picamoixons (Picamoixons)
 Dates: 1st May - 9th May

Location: Centre Cívic (Vimbodí i Poblet)
 Dates: 1st May - 9th May



Evolució paleoambiental i poblament prehistòric exhibition - IPHES

Exhibition: **Jordi Sabater Pi. Una vida dedicada a la recerca**
 Organizers: IPHES & Diputació de Tarragona

Location: Museu Moli de Les Tres Eres, Cambrils (Tarragona)
 Dates: 8th February – 5th March

Location: Castell de Masricart, La Canonja (Tarragona)
 Dates: 21st April -11th May

Location: Centre d'Interpretació d'Art Rupestre Muntanyes de Prades, Montblanc (Tarragona)
 Dates: 8th August – 24th September

Exhibition: **Darwin i l'Evolució**
 Organizers: IPHES & Diputació de Tarragona

Location: Centre de Documentació i d'Inciatives Cal Català, El Perelló (Tarragona)
 Dates: 1st July – 31st August

Location: Centre de Visitants Parc Natural dels Ports de la Terra Alta, Prat de Comte (Tarragona)
 Dates: 29th September – 16th October

Location: Sala d'Exposicions de l'Ajuntament de Maspujols, Maspujols (Tarragona)
 Dates: 30th October – 12th November





Jordi Sabater Pi. Una vida dedicada a la recerca exhibition - IPHES



Darwin i l'Evolució exhibition - IPHES



Participatory activities

Taller didàctic « La mar en temps prehistòrics : rebost i joier ».

Organizer: Ajuntament de Cambrils

Location: Torre del Port (Cambrils)

Dates: 19th February



Educational workshop 2017 - IPHES

YoMo: The Youth Mobile Festival.

Organizers: GSMA, Mobile World Capital Barcelona

City: Barcelona

Dates: 27th February – 2nd March

Saló de l'Ensenyament 2017.

Organizers: Fira de Barcelona, Generalitat de Catalunya, CERCA

City: Barcelona

Dates: 22nd-26th March

Taller-demostració: Humans i pedres: les eines a la prehistòria.

Organizer: Universitat Rovira i Virgili. Campus Sescelades

City: Tarragona

Date: 21th April

Tàrraco Viva 2017.

Organizer: Ajuntament de Tarragona

Location: Camp de Mart de Tarragona

Dates: 26th-28th May

Santa Tecla 2017. Espai "Colors".

Organizer: Ajuntament de Tarragona

City: Tarragona

Dates: 18th-19th September





Espai Colors - Ajuntament de Tarragona

Jornada de Puertas Abiertas del yacimiento de Quibas.

Organizer: Ayuntamiento de Abanilla
City: Abanilla (Murcia)
Date: 8th October

Jornada de Puertas Abiertas en el yacimiento arqueológico de Casa Corona.

Organizer: IPHES & Ayuntamiento de Villena
Location: Villena (Alicante)
Dates: 22nd October

Taller-demostració: Humans i pedres: les eines a la prehistòria.

Organizer: Universitat Rovira i Virgili. Campus Extens and IPHES
City: Centre de Lectura. Reus
Date: 13th November

Taller-demostració: Humans i pedres: les eines a la prehistòria.

Organizer: Universitat Rovira i Virgili. Campus Extens and IPHES
City: Centre Marcel·lí Domingo. Reus
Date: 20th November



Taller "Humans i pedres" 2017 - IPHES



Didactic materials and contents

www.evoluciona.org

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.



Evoluciona website

Arqueosnacks: Short explanations to ancient questions 5: El projecte de recerca “Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.

Type: Short Video

Funder: Projecte Quadriennal de Recerca: Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.

Arqueosnacks: Short explanations to ancient questions 6. El Barranc de la Boella (la Canonja).

Type: Short Video

Funder: Projecte Quadriennal de Recerca: Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.



Arqueosnacks cover - IPHES



Arqueosnacks: Short explanations to ancient questions. El Molí del Salt (Vimbodí i Poblet).

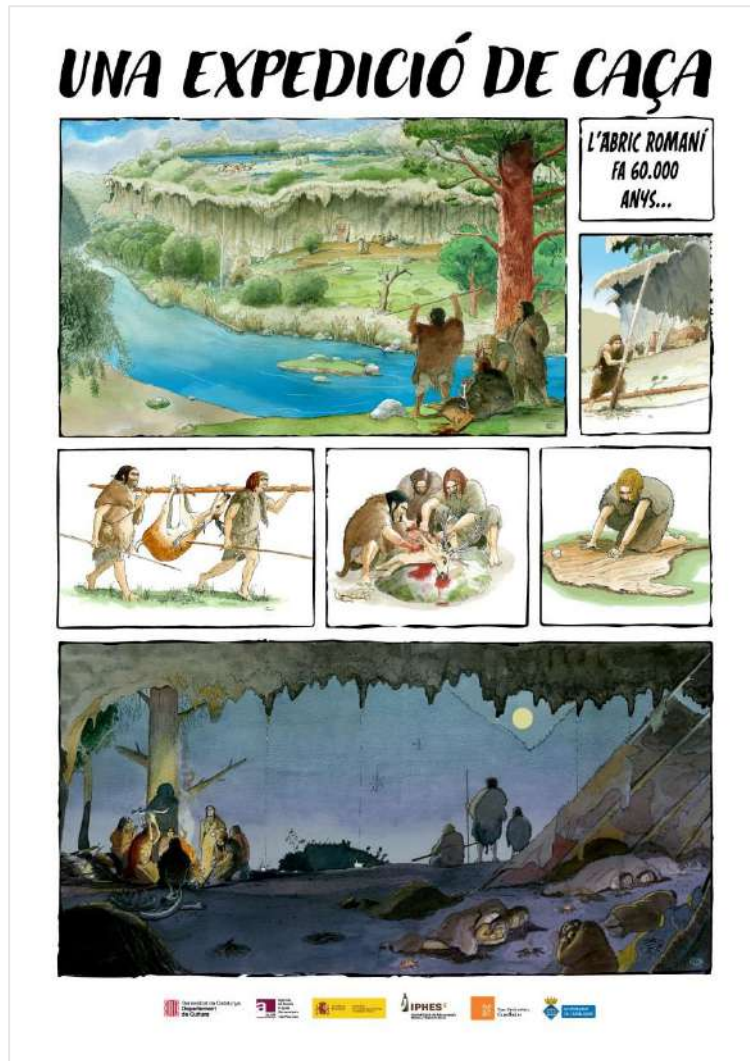
Type: Short Video

Funder: Projecte Quadriennal de Recerca: Evolució paleoambiental i poblament prehistòric a les conques dels rius Francolí, Gaià, Siurana i rieres del Camp de Tarragona.

Una expedició de caça. L'abric Romaní fa 60.000 anys.

Type: comic

Funder: Departament de Cultura. Projecte Quadriennal de Recerca: Abric Romaní-Cinglera del Capelló



Abric Romaní comic – Illustrations made by Hugo Prades

Un campament residencial. L'abric Romaní fa 40.000 anys.

Type: comic

Funder: Departament de Cultura. Projecte Quadriennal de Recerca: Abric Romaní-Cinglera del Capelló

Estratigrafia de l'Abric Romaní. Correlació estratigràfica regional dels darrers 270.000 anys al nord del Mediterrani.

Type: Interpretative panel



Funder: Departament de Cultura. Projecte Quadriennal de Recerca: Abric Romani-Cinglera del Capelló

Paisatges antics: Anàlisi de pol·len.

Type: Didactical contents

Funder: Diputació de València

Participation: Consultant

Scientific and dissemination news about Sierra de Atapuerca sites (specifically) and about Prehistory (in general).

Type: Co-direction of the Journal "Periódico de Atapuerca"

Funder: Fundación Atapuerca

Estudio de los micromamíferos (Yacimiento de Quibas).

Type: Didactic panel and contents

Funder: Ayuntamiento de Abanilla

<http://posterexhibition.wordpress.com>

This blog is a virtual presentation of the posters presented at conferences by IPHES researchers or students. This blog aims to present a summary of the posters with the aim to share with a wider audience. The posters include a wide range of themes regarding Human Evolution, Prehistory, and its different methodological and theoretical approaches.

Science communication

Objectives

From a communicative point of view, the main objectives of IPHES are:

- To strengthen a custom programme for **research projects**, replant some strategy, contents and mass media channels according to their objectives.
- To promote the **internationalization** of IPHES: arrive at more foreign public and mass media.
- To search some allied to improve our operational qualification: contact with UPF, URV and Generalitat.
- To increase the news with storytelling and engagement.

From an internal point of view, IPHES wants:

- To design specific **communication plans** for research groups and IPHES projects.
- To identify the best resources and tools.
- To identify the key stakeholders.
- To calculate the potential public scope of the communication effort.
- To strength international mailing.



Results

As a result of our activity, during 2017 IPHES has obtained the following results:

- The **work for projects** was strengthened: customized communication plans and prioritize the news.
- We tried to **optimize** and to **rationalize efforts** and efficiency about the different actions and the potential public.
- **Internationalization**: 30.700 visits at English blog, mailing expansion and systematization.
- **Social Networks**: a lot of mentions and interactions on Twitter.

Mass media presence

Television

TV3 - Televisió de Catalunya , Canal 33, 324, TVE, Antena 3, TAC 12, Canal Reus TV, 8 al dia, Canal54, Burgostv.es.

Radio

Catalunya Ràdio, RAC 1, la Xarxa, Radio Intereconomia, Cadena COPE, Tarragona Ràdio, RAC 1, Cadena Ser, Onda Cero, Radio Nacional de España, Ser Girona, Ràdio Ciutat de Tarragona, Radio Macondo.

News in national newspapers

El Mundo, eciencia.com, Vilaweb, Ara, Punt Avui, la Vanguardia, Regió 7, Nació digital, Diari de Girona, el Periodico, Diario Público, Más Tarragona, El Independiente, Ara, Diari de Tarragona, El Economista, El País, NCYT, ABC, Diario de Navarra, Diari de Tarragona, Diario de Navarra, La Vanguardia, El Mundo, El Correo Gallego, La Mañana, NCYT Amazings, El Norte de Castilla, La Razón, Diario de Burgos, Deia, el Faro de Vigo, Diario de Burgos, Diario de Sevilla, Diario de Cádiz, La Opinión de Zamora, El diario Vasco, La información, Huelva Información, El Correo Gallego, Republica.com, VLC News, etc.

News in international newspapers

El Heraldo de Chihuahua, La Razón (México), The Archaeology News Network, Latino News, BioBioChile, Gaceta de México, Actualidad Venezuela, World Mirror, Mail On Sunday, Long Room, 旅游频道, 旅行-搜狐 (5 other sources), Free Republic, Parktower, Business News, Taringa!, 微热文, etc.

News agencies

SINC, EFE, Efe Futuro, ACN, Europa PRESS, Reuters, Islamic Republic News Agency, Uy.press, Eritrea's Priceless Shades of Past.

Revues

Sapiens, National Geographic, 20 minutos, etc.



MailOnline Science & Tech

Fossilised Ice Age hyena feces sheds new light on ancient human sites in Spain

- Researchers discovered fossil fecal samples at Gran Dolina and la Mina, in Spain
- These samples come from hyena 'latrines' dating back to the Early Pleistocene
- Further analysis revealed they contain bits of bone, plant matter, and fungi
- The researchers say one site was likely a flood plain, while the other was a cave

By CHEYENNE MACDONALD FOR DAILYMMAIL.COM
 PUBLISHED: 21:38 GMT, 27 June 2017 | UPDATED: 20:51 GMT, 29 June 2017

21 shares View comments

Researchers have discovered fossilized feces from hyena 'latrines' dating back thousands of years to the Early Pleistocene.

The droppings, also known as coprolites, were found in two archaeological sites in Spain known to have been inhabited by ancient humans.

Analysis of the coprolites revealed they contain bits of bone, plant matter, and fungi, which could help to paint a clearer picture of what the environment may have been like at the time.



Image of the IPHES news at DailyMail (UK)

El Comercio
CIENCIAS

LUNES 05 DE MARZO DEL 2017 | 15:28

Hallan primeros indicios del hombre moderno fuera de África

Se trata de herramientas de piedra asociadas a restos de animales. Tienen entre 36.000 y 54.000 años de antigüedad

Compartir BB Twitter G+ 3 Compartir 0 Print 0



Image of the IPHES news at El Comercio, ciencias (Perú)

Press releases

140 in English, Catalan and Spanish

News published in the Mass Media

In 2017, 4.000 news were published in the Mass Media for the dissemination of IPHES activities.

Strategic alliances and collaborations with Mass media

Report about IPHES on different television channels (TVE-1, TV3, Punt Avui Televisió) and a **special report** at "Ara" newspaper (about internationalization).

"Evoluciona" programme, Tarragona Ràdio, every 15 days.

RNE – Interviews with researchers for the projects in which they participate. Once a month, approximately.

El Mundo de Catalunya - articles by Eudald Carbonell – Once a month.

Sapiens magazine – The experts' opinion. Roughly every six weeks, an IPHES researcher complement the human evolution's current news with a small text.

National Geographic – Opinion about archaeological news.

Internal 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/>

380.000 accumulated views from countries such as United States, Spain, Russia, Italy, Portugal France, Germany, Ireland, China, Poland, Portugal, Russia, and Ukraine.

News in Spanish: <http://iphesnoticias.blogspot.com.es/>

Almost 146.000 accumulated views from countries such as United States, Spain, France, Germany, Israel, India, Benin, United Kingdom, Mexico, Argentina, Irlanda, Canadá.

Total: Almost 385.345 accumulated views.

Social networks

Facebook (IPHES page): 1.500 followers.

Followers origin: Spain, Catalunya, Italy, México, France, Portugal, Argentina, Brasil, United States, Colombia, Chile, Germany, Algeria, Turkey, Perú, Tunisia, Morocco, Canada, India, the Netherlands, Belgium, Ecuador, Romania, Indonesia, Uruguay, Switzerland, Greece, Norway, Dominican Republic, Ireland, Philippines, Andorra, Costa



Rica, Guadeloupe, Saudi Arabia, Uganda, Latvia, Czech Republic, Russia, South Korea, Australia, Serbia, Venezuela, Nigeria.

Twitter (@iphes): 3.500 followers

Youtube (IPHES Comunicació): 34.000 reproductions and 158 subscribers.

Media impact

Media impact of the IPHES communication actions has been elaborated through the program of the specialized company Pressclipping (www.pressclipping.com).

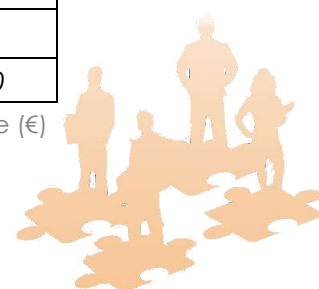
The data obtained show that 2017 IPHES's communication actions have resulted in 4.387. These have achieved a cumulative audience of 33.541.788 recipients and an economic value of € 1.163.591.

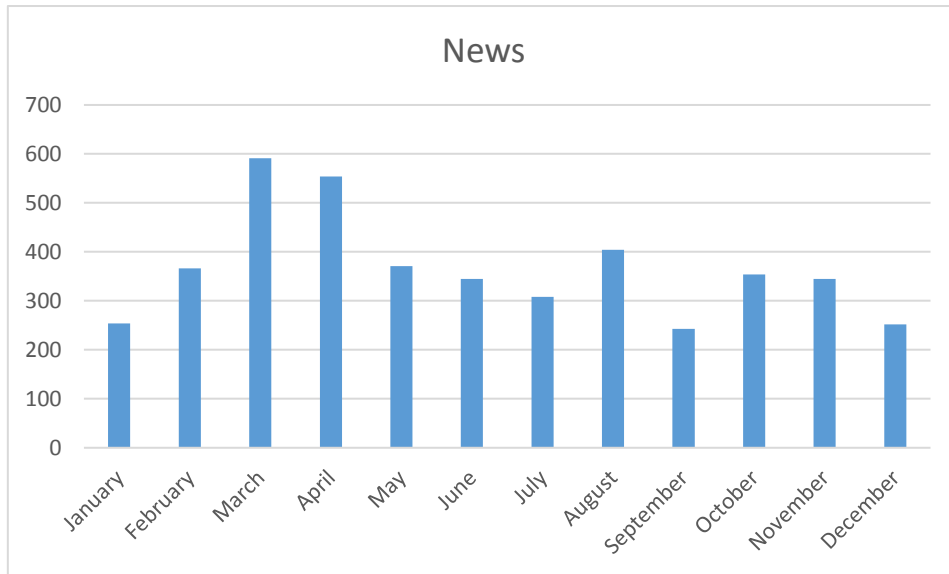
Type	News	Audience	Value (€)
Press	233	11.277.751	216.457
Digital	889	5.732.256	287.414
Ràdio / TV	4	2.294.680	489.290
Social Network	3261	14.237.101	170.430
<i>Total</i>	<i>4387</i>	<i>33.541.788</i>	<i>1.163.591</i>

News by type media, audience and value (€)

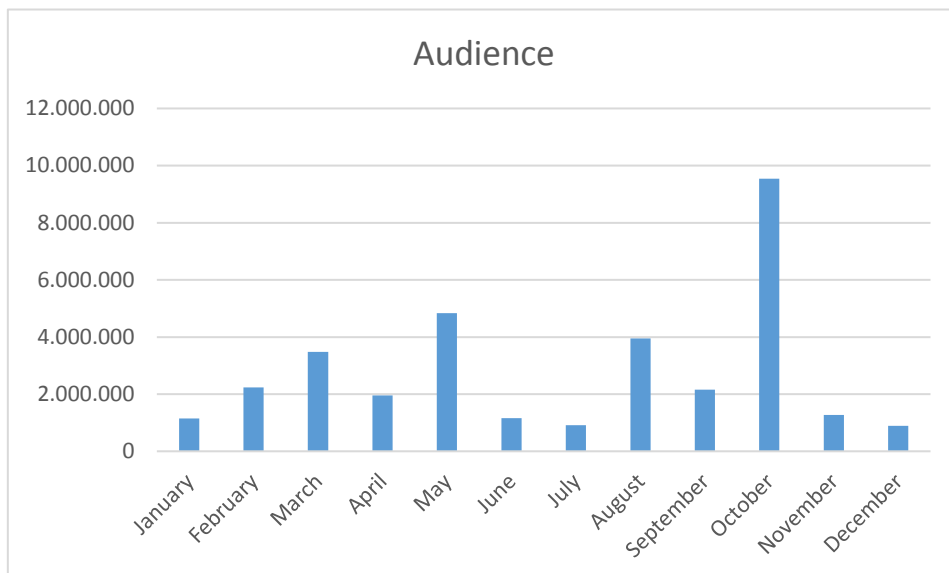
Month	News	Audience	Value (€)
January	254	1.143.561	29.483
February	366	2.235.686	67.677
March	591	3.479.686	102.885
April	554	1.955.744	42.828
May	371	4.838.925	84.983
June	345	1.161.211	31.359
July	308	910.620	18.673
August	404	3.955.043	85.351
September	243	2.152.241	54.282
October	354	9.543.571	591.847
November	345	1.270.453	32.763
December	252	895.048	21.459
<i>Total</i>	<i>4387</i>	<i>33.541.789</i>	<i>1.163.590</i>

News by month, audience and value (€)

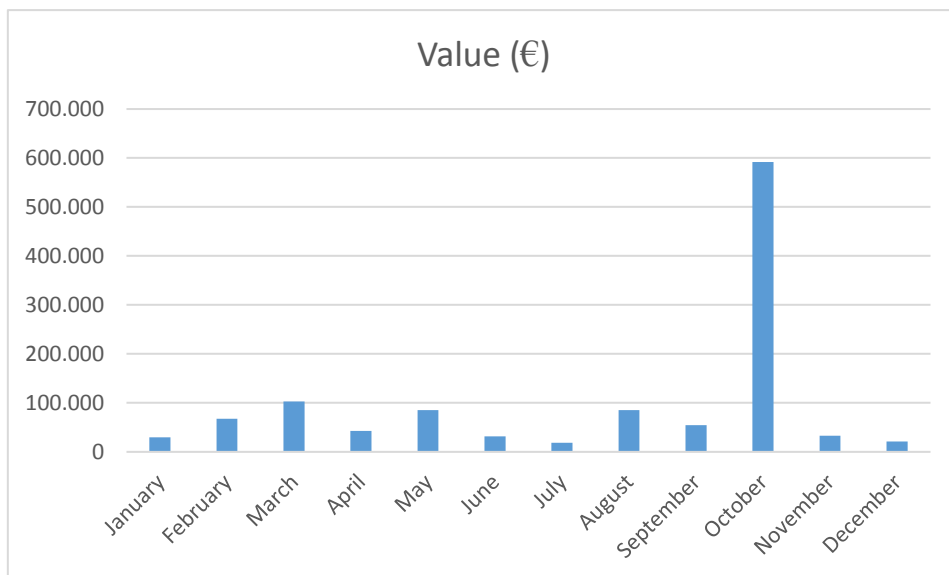




IPHES News



IPHES News Audience



IPHES News Value (€)





**Knowledge transfer
& Services**

R+D+I projects

Tarragona Smart Mediterranean City.

Category: Scientific assessment

Implicated institutions: Ajuntament de Tarragona, URV, Repsol and AGBAR

Agreements and not competitive contracts

Agreement of collaboration between Universitat de Barcelona and IPHES.

Main agreement: Curricular practical training at IPHES. 1 conservation student.

Date: January

Specific collaboration agreement between Ajuntament de Moià and IPHES.

Main agreement: Cession of the exhibition "Neanderlife. Moments de la vida neandertal".

Date: January

Agreement of collaboration between Universitat Rovira i Virgili and IPHES.

Main agreement: Curricular practical training at IPHES. 1 communication student.

Date: February

Agreement of collaboration between Universitat Rovira i Virgili and IPHES.

Main agreement: Curricular practical training at IPHES. 1 economy student.

Date: February

Specific collaboration agreement between Fundació bancària La Caixa and IPHES.

Main agreement: Organization of the cycle of conferences: "Los primeros pobladores de la región de Murcia y su contexto ecológico".

Date: February

Specific collaboration agreement between CRAI Campus Catalunya URV 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: February

Specific collaboration agreement between Museu d'Arqueologia de Catalunya and IPHES.

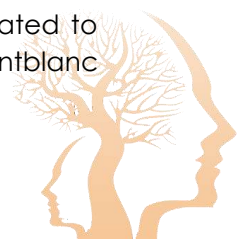
Main agreement: Contribute to dissemination and integration of archaeology in education.

Date: February

Framework Agreement of collaboration between Ajuntament de Montblanc and IPHES.

Main agreement: The strengthening of research and dissemination actions related to prehistory and human evolution and the enhancement of cultural heritage of Montblanc archaeological sites.

Date: February



Specific collaboration agreement between Ajuntament de la Canonja and IPHES.

Main agreement: Financial contribution to the fieldwork at Barranc de la Boella archaeological site.

Date: March

Agreement of collaboration between Diputació de Tarragona and IPHES.

Main agreement: Financial contribution to the fieldwork at Barranc de la Boella archaeological site.

Date: March

Specific collaboration agreement between Fundació bancària La Caixa and IPHES.

Main agreement: Organization of the cycle of conferences: "El Mediterrani com no l'hem conegut".

Date: March

Specific collaboration agreement between INS Fonts del Glorieta 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

Specific collaboration agreement between Ajuntament de Picamoixons 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

Agreement of collaboration between Escola de Disseny i Art and IPHES.

Main agreement: Curricular practical training at IPHES. 1 design student.

Date: April

Specific collaboration agreement between Gestió Tecnoagrària S.L. and IPHES

Main agreement: assignment of a piece of land to developing fieldwork tasks at Barranc de la Boella site.

Date: April

Agreement of collaboration between Université Bordeaux Montaigne and IPHES.

Main agreement: External practical training at IPHES. 1 student.

Date: April

Decree from de Mayor's office of Vimbodí.

Main agreement: Financial contribution to the fieldwork at Molí del Salt archaeological site.

Date: April

Agreement of collaboration between Universidad de Granada and IPHES.

Main agreement: External practical training at IPHES. 1 student.

Date: May



Agreement of collaboration between Escola de Disseny i Art and IPHES.

Main agreement: Curricular practical training at IPHES. 1 photography student.

Date: May

Agreement of collaboration between Organisme Autònom Museu Víctor Balaguer and IPHES.

Main agreement: Cession of Cova del Trader archeological remains.

Date: June

Framework educational collaboration agreement between Universidad de Salamanca and IPHES.

Main agreement: Development of external practical training.

Date: June.

Agreement of collaboration between Universidad de Salamanca and IPHES.

Main agreement: External practical training at IPHES. 1 student.

Date: June

Minor contract with Diputació de Barcelona.

Object: Development of Bibliolab project.

Date: August

Agreement of collaboration between Universitat Rovira i Virgili and IPHES.

Main agreement: Curricular practical training at IPHES. 1 economy student.

Date: August

Specific collaboration agreement between Ajuntament de la Febró and IPHES.

Main agreement: Financial contribution to the fieldwork at Cova de les Borres archaeological site.

Date: October

Framework Agreement of collaboration between Faculté des Sciences de Bizerte (Tunisie) and IPHES.

Main agreement: The strengthening of research and dissemination actions and the reciprocal reception of researchers.

Date: October

Specific collaboration agreement between Ajuntament de Montblanc and IPHES.

Main agreement: Financial contribution to Canatcorbs and Sepulcre de Mas d'en Llorç archaeological sites.

Date: November

Minor contract with Diputació de Tarragona.

Main agreement: Cession of four IPHES exhibitions at Diputació de Tarragona.

Date: November

Specific collaboration agreement between Ajuntament de Cambrils and IPHES.

Main agreement: Financial contribution to the field work at El Cavet archaeological site.

Date: December



Specific collaboration agreement between Direcció General de Cultura i Patrimoni de la Generalitat valenciana and IPHES.

Main agreement: Cession at IPHES for one year of the human Cova Foradà human remains.

Date: December

Minor contract with Diputació de Tarragona.

Object: Cession of four IPHES exhibitions at Diputació de Tarragona.

Date: November

Minor contract with Ajuntament de Caldes de Malavella.

Object: Scientific assessment and contents of AQUAE space.

Date: December

Scientific assessment

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 Romaní i els Neandertals a Catalunya. Pla d'actuacions per a la posada en valor del jaciment arqueològic de l'Abric Romaní (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

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

Continguts de l'exposició "1916-2016 Cien años de arqueología en la Cueva de El Conejar.

Category: Scientific contents



Partner: Equipo de Primeros Pobladores de Extremadura (Eppex), la Asociación de Estudios Arqueológicos Extremeños (Adeaex) y la Fundación Extremeña de la Cultura.
Participation: Collaboration



Explanatory panel at Camp dels Ninots - IPHES

Taula de recerca científica i didàctica de les Ciències de la terra per la constitució del Geoparc Conca de Tremp-Montsec, Pallars Jussà (Lleida).

Category: Scientific contents

Partner: Equipo de Primeros Pobladores de Extremadura (Eppex), la Asociación de Estudios Arqueológicos Extremeños (Adeaex) y la Fundación Extremeña de la Cultura.

Participation: Consultant

Continguts referents als jaciments de Gran Dolina, Sima del Elefante i Galeria de l'exposició temporal "Investigaciones arqueológicas de la provincia de Burgos 2017".

Category: Scientific contents

Partner: Junta de Castilla y León

Participation: Consultant

Pla director pel programa de recerca històric i arqueològic del terme de la Febró.

Category: Enhancement of cultural heritage assesment

Partner: Ajuntament de la Febró

Participation: Coordination

Continguts de les sales sobre el Paleolític del Paleoen la reestructuració del Museu de Prehistòria de València "Investigaciones arqueológicas de la provincia de Burgos 2017.

Category: Scientific contents

Partner: Diputació de València

Participation: Consultant

Scientific and technical training

-**Archaeobotany Seminar.** February-December 2017. Organizers: Aitor Burguet-Coca and Ethel Allué. IPHES.





Archaeobotany seminar - IPHES

-Scientific training of **seven** students on curricular practices (Grau en Historia-URV, Grau de Periodisme-URV, Grau en administració i Direcció d'empreses-URV i Escola de Disseny i Art de la Diputació de Tarragona).

- Scientific training of **two** student in voluntary practices (Grau en Antropologia i Evolució Humana-URV-UOC, Grau en Historia-URV).

-Scientific and technical training of **one** student in curricular practices (150 hours; 4rt year intership of the Degree in Conservation (Escola Superior de Conservació i Restauració de Béns Culturals de Catalunya).

- Scientific training of **five** students in external practices (Grau d'Arqueologia-UAB, Universidad de Granada, Université Bordeaux Montaigne, Universidad de Salamanca, Grau d'Administració i Direcció d'Empreses-URV).

- Scientific training of **three** students during their mobility stage at IPHES/URV (International Master in Quaternary Archaeology and Human Evolution (Erasmus Mundus).

- Scientific training on Thesis of Master of **seventeen** students (International Master in Quaternary Archaeology and Human Evolution (Erasmus Mundus).

-Scientific coordination on TFG of **one** student (Degree in Conservation (Escola Superior de Conservació i Restauració de Béns Culturals de Catalunya).

- Scientific training of **twelve** students in PhD development (Universitat Rovira i Virgili, Universidad de México, Universidad de Burgos).

- Scientific training on Taphonomy of **one** PhD student (Università di Ferrara).

- Scientific training to dental microwear for **two** PhD student (Université Montpellier III, Universitat de les Illes Balears, Università di Ferrara); and **1** professor (Université de Montréal (Canada).

- Scientific and technical training on palaeobotanical data processing of **two** students (Erasmus Mundus Master-URV) and one PhD student; on pollen analysis of **one** PhD student and non-pollen Palynomorphs identification of **one** PhD student.



- Scientific and technical training and supervision of **202** students (undergraduate and postgraduate) in the fieldwork context, in different archaeological sites.
- Scientific assessment of the final research projects of **4** Secondary School students: IES Martí I Franquès, Col·legi l'Estonnac-Ensenyança i Col·legi Santa Teresa de Jesús, Tarragona).
- Teaching of "Seminari d'anàlisi de xarxes aplicada a l'arqueologia" adressed to students of the "Programa de Doctorat en Geografia i Història del Mediterrani des de la Prehistòria a l'Edat Moderna". Universitat de València.
- 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).

Instrumental and not instrumental services

Service: **Activitat familiar: "La mar en temps prehistòrics: rebost i joier".**

Client: Ajuntament de Cambrils

Service: **Servei de catalogació de material del fons arqueològic d'època neolítica en situació de reserva al Museu d'Història de Cambrils.**

Client: Agència Catalana del Patrimoni Cultural

Service: **Neteja i restauració de dos cranis procedents del jaciment de Lladurs.**

Client: Àtics S.L.

Service: **Scientific and graphic advice services related to "Sciences de la Vie et de la Terre Cycle 4 book".**

Client: Edition Sejer Nathan

Service: **Servei de realització dels continguts de base científica corresponents a la segona fase de l'itinerari interpretatiu del Jaciment del Camp dels Ninots.**

Client: Ajuntament de Caldes de Malavella

Service: **Servei de preparació i realització d'activitat científica al jardí del Banc d'Espanya de Tarragona en el marc de les festes de Santa Tecla 2017.**

Client: Ajuntament de Tarragona

Service: **Servei de realització de làmines primes de sediment provinents de la Cova del Pendo.**

Client: Edgar Camarós Pérez

Service: **Servei de realització d'activitats didàctiques i tallers pràctics sobre la prehistòria: "L'aventura de La prehistòria: un viatge de milions d'anys". Biblioteca Central de Santa Coloma de Gramenet.**

Client: Diputació de Barcelona



Service: **Servei de realització d'activitats didàctiques i tallers pràctics sobre la prehistòria: "L'aventura de La prehistòria: els primers pagesos".** Biblioteca l'Escorxador de Sant Celoni.

Client: Diputació de Barcelona

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" al Casal de la Riba. 08/11/17 to 22/11/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Sabater Pi. Una vida dedicada a la recerca" al Museu d'Història de Cambrils. 08/02/17 to 05/03/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Darwin i l'Evolució" a Sala d'Exposicions de Maspujols. 19/10/17 to 06/11/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Darwin i l'Evolució" a l'Ajuntament de Prat de Compte. 01/10/17 to 17/10/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Neanderlife. Moments de la vida neandertal" a la Cabana Gran de les Coves de l'Espluga de Francolí. 02/08/17 to 30/09/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Sabater Pi. Una vida dedicada a la recerca" al CIAR de Montblanc. 08/08/17 to 24/09/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Darwin i l'Evolució" al Centre de Documentació i d'Iniciatives Cal Català del Perelló. 01/07/17 to 31/08/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" a la Casa de Cultura de Vila-Rodona. 01/06/17 to 22/06/17.**

Client: Diputació de Tarragona.

Service: **Tractament d'una mostra sedimentària per a l'extracció del residu polímic.**

Client: Fundação da Faculdade de Ciências da Universidade de Lisboa.

Service: **Exhibició de l'exposició "Sabater Pi. Una vida dedicada a la recerca" al Castell de Masricart de la Canonja. 17/04/17 to 15/05/17.**

Client: Diputació de Tarragona.

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" a la Casa de Cultura d'Ulldecona. 02/05/17 to 31/05/17.**

Client: Diputació de Tarragona.



Service: **Servei de realització de làmines primes de sediment.**

Client: ICAC

Service: **Exhibició de l'exposició "Europa fa 1 milió d'anys" a la Sala d'Exposicions de Maspujols. 30/03/17 to 02/05/17.**

Client: Diputació de Tarragona.

Service: **Servei de polit estàndard de 30 um de superfície.**

Client: Servei de Recursos Científics i Tècnics. URV

Service: **Exhibició de l'exposició "Europa ara fa 1 milió d'anys" al vestíbul del Teatre Municipal la Llanterna de Móra d'Ebre. 13/01/17 to 12/02/17.**

Client: Diputació de Tarragona.

Scientific-technical reports

Action: **Scientific report for the 2013-2014 archaeological excavations at the Casa Corona site (Villena, Alicante, Spain).**

Category: Scientific contents

Client: Generalitat Valenciana, Valencia, Spain

Participation: Management and contents

Action: **Excavation annual report of the Engel Ela-Ramud basin (Eritrea).**

Category: Scientific contents

Client: National Museum of Eritrea

Participation: Management and contents

Action: **Excavation annual report of the Baza 1 (Baza, Granada, Spain).**

Category: Scientific contents

Client: Junta de Andalucía, Spain

Participation: Management and contents

Action: **Excavation annual report of the Cova Negra site (Valencia, Spain).**

Category: Scientific contents

Client: Generalitat Valenciana. Valencia, Spain

Participation: Management and contents

Action: **Excavation annual report of the Sierra de Atapuerca sites (Burgos, Spain).**

Category: Scientific contents

Client: Junta de Castilla y León

Participation: Management and contents

Action: **Excavation annual report of La Cansaladeta (La Riba, Tarragona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents



Action: **Excavation annual reports of the Cova de les Borres (La Febró, Tarragona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual report of the Cantacorbs (Montblanc, Tarragona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual reports of the Cova dels Xaragalls (Vimbodí i Poblet, Tarragona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual report of the Barranc de la Boella (La Canonja, Tarragona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Scientific annual reports, Mission ARChéologique aux philippinEs (MARCHE): Origine, nature et diversité des premiers peuplements des Philippines.**

Category: Scientific contents

Partner: Ministère des Affaires étrangères et du Développement international (MAEDI)

Participation: Management and contents

Action: **Scientific annual reports, PCR project: Projet Collectif de Recherches «Le monde moustérien méditerranéen entre Rhône et Pyrénées».**

Category: Scientific contents

Partner: Service Régional de l'Archéologie de la Région Rhône et Pyrénées (France)

Participation: Coordination

Action: **Scientific annual reports, Excavation annual reports of the Abri du Maras site (Saint Martin d'Ardèche, France).**

Category: Scientific contents

Partner: DRAC (Direction Régional des Affaires Culturelles)

Participation: Coordination

Action: **Excavation annual report of the Cova del Toll (Moià, Barcelona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain.

Participation: Management and contents



Action: **Excavation annual report of the Cova dels Tritons (Senterada, Lleida, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual report of the Cova de les Llenes (Conca de Dalt, Lleida, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual report of the Teixoneres site (Moià, Barcelona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Excavation annual report of the Abric Romaní site (Capellades, Barcelona, Spain).**

Category: Scientific contents

Partner: Servei d'Arqueologia de la Generalitat de Catalunya. Departament de Cultura (Generalitat de Catalunya). Barcelona, Spain

Participation: Management and contents

Action: **Mémoire de restitution du programme PALEOCHIRENS. Reconstitution pluridisciplinaire d'une histoire paléo-environnementale plurimillénaire à partir des sédiments du marais de Chirens.**

Authors: Guiter F., Beaulieu J.-L., Bechon L., Binetruy A., **Brisset E.**, Brousset L., Chapron E., Charlet L., Demory F., Garcia M., Guedron S., Magny M., Marschal C., Ponel P., Simonneau A., Tachikaya K.

Client: Conseil Général de l'Isère, partenariat Avenir

Action: **Informe de l'anàlisi palinològica de mostres sedimentàries procedents del Sondeig 2 de la Cueva de Santa Ana (Cáceres).**

Client: Antoni Canals

Action: **Preliminary palynological results of Abric de La Consagració Report for the Wenner Gren Foundation.**

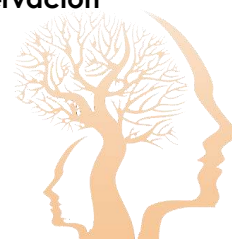
Client: Manuel Vaquero

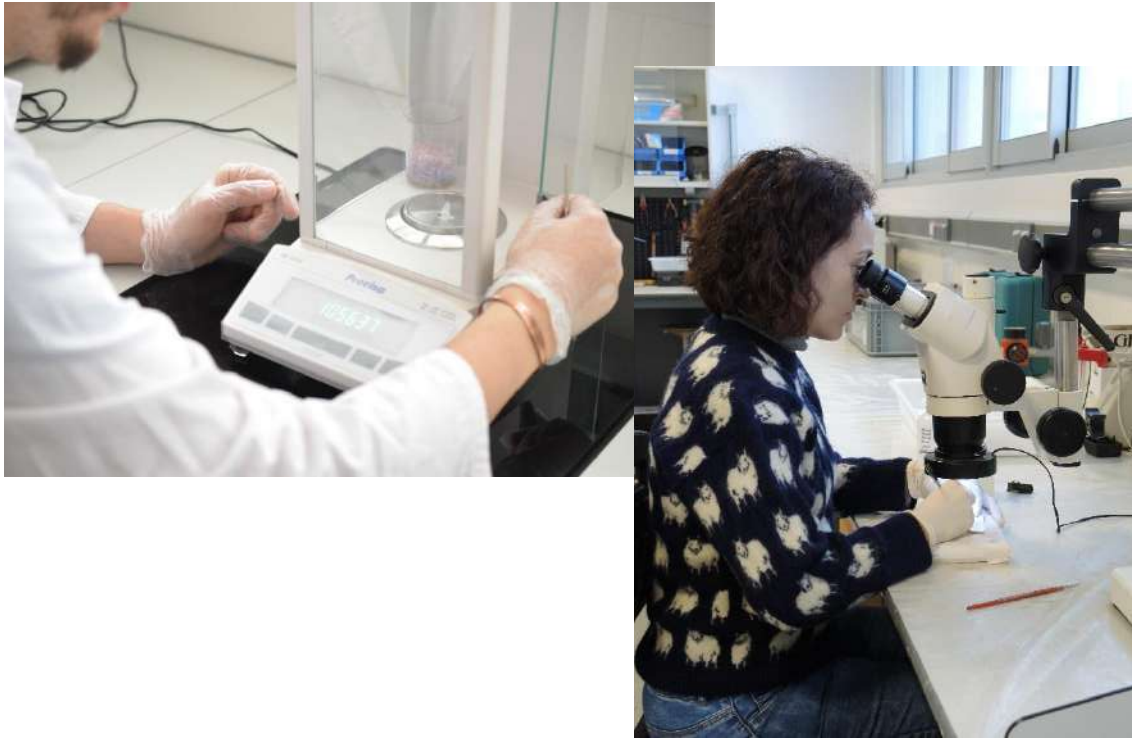
Action: **Informe RST-2017-002: Materiales paleoantropológicos y arqueopaleontológicos procedentes del yacimiento de Cova Foradà (Oliva, Valencia) depositados en el IPHES y en la Universitat Autònoma de Barcelona. Inventarios y actuaciones de conservación y restauración realizadas entre 2009-2016.**

Category: Technical report

Partner: Alfred Sanchís (Museu d'Història de València)

Participation: Coordinator





Samples preparation and restoration tasks - IPHES



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Escola Tècnica Superior d'Enginyeria Química (ETSEQ)	E3

CRAI

CRAI	E2
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PLANTES PILOT

PLANTES PILOT	S1
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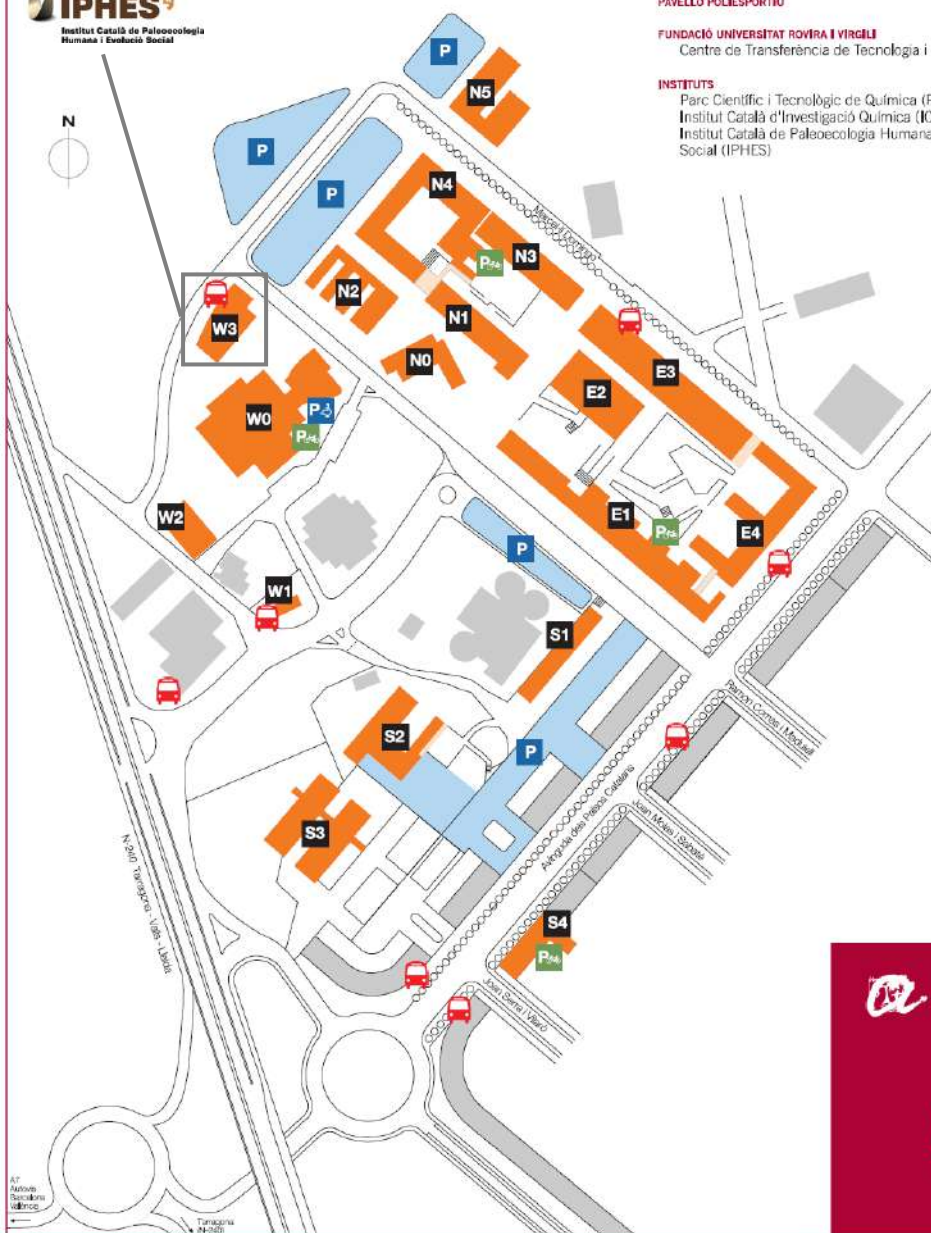
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Centre de Transferència de Tecnologia i Innovació	S2
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Institut Català d'Investigació Química (ICIQ)	S3
Institut Català de Paleoeologia Humana i Evolució Social (IPHES)	W3



Campus de Sescelades



Zona Educacional 4. Edifici W3.
Campus Sescelades URV
43007 Tarragona
Tel. 977 94 30 03
info@iphes.cat
www.iphes.cat

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