

New insights in ceramic & metallurgical technology

International Doctoral Summer School 2020. New insights in ceramic & metallurgical technology

From October 5th to 9th, 2020, in its first edition, the International Doctoral Summer School 'New insights in ceramic & metallurgical technology', will offer PhD students and early career doctors from all over the world the opportunity to present their ongoing or recently completed research, obtained qualified comment from some of the most renowned experts, and be advised in regard to their postdoctoral projection.

The course is specially designed so that early career researchers can present their research linked to their PhD thesis or papers in progress, to peers and senior academics in the field of archaeometry and technological studies in various chrono-cultural periods. They will have the presence of specialists of recognized international prestige so they will be able to discuss and comment on their research within the discipline at a global level, taking into account the latest advances in materials characterization techniques.

Tutoring processes will be facilitated by teachers in the field of Archaeology, Geology and Material Sciences, as well as a fluid academic exchange with peers with close research interests. The aim is to generate opportunities for collaboration between young researchers from different disciplines related to Archeology, History or Anthropology.

- The International Doctoral Summer School 'New insights in ceramic & metallurgical technology' is going to take place online fully (Google Meet), thanks to which anyone can attend anywhere in the world.

Teaching methodology

The course will last five days. Each session will begin with a master class given by each of the professors invited to the course (1'5 hours), followed by some time for discussion, to present case studies or questions (1'5 hours).

In the afternoon the students will present their research results (40 minutes, 5 per day), which will be commented and discussed.

Guest professors

We are honored to present our Guest Professors:

-Prof. Marcos Martinon Torres (Department of Archaeology, University of Cambridge). Marcos Martín-Torres is Pitt-Rivers Professor in Archaeological Sciences at the University of Cambridge since 2018 after a decade at UCL Institute of Archaeology. With a background in history, archaeology and archaeological science, he is a world renowned archaeometallurgist who combines analytical studies of archaeological materials, experiments, and historical sources. He is involved in R&D projects in Europe, Africa, America and Asia in extent networks of collaborations all over the world, highlighting his work with the Terracota Army or the Gold Museum in Bogotá.

-Thilo Rehren (The Cyprus Institute). Thilo Rehren is A.G. Leventis Professor for Archaeological Sciences and Director of the Science and Technology in Archaeology and Culture Research Center at the Cyprus Institute. With a background on Earth Sciences, he has been working on archaeological materials for more than two decades at the Institut für Archäometallurgie at the Deutsches Bergbau-Museum in Bochum (Germany), UCL Institute of Archaeology (UK), and UCL Qatar, currently being a world leading specialist on prehistoric metals, glass, glazes and ceramics. His research focuses on the reconstruction and understanding of the technological processes combining concepts and methods developed by the materials and natural sciences with archaeological and historical sources.

-Michael Charlton (Institute of Archaeology, University College of London). Michael Charlton is Lecturer in Archaeomaterials at UCL Institute of Archaeology (UK) and the Degree Coordinator of the MSc in Archaeological Science: Technology and Materials. His research topics are centered on archaeological science, specifically in materials science and quantitative methods, preindustrial technology, cultural transmission theory, evolutionary archaeology and European archaeology. Involved in R&D projects in Africa and Europe, his work on iron sourcing and technology is internationally renowned.

-Hector V. Cabadas Báez (Intituto de Geografía, Universidad Autónoma del Estado de México). Héctor is a specialist in genesis and classification of soils from Central Mexico and the Yucatan Peninsula. Mineralogy, petrography, micromorphology and geochemistry are tools that he uses for the interpretation of soil evolution. Likewise, and thanks to this background, he links the characterization of cultural artifacts and geoarchaeological applications (ceramic petrography, provenance studies) with soil studies, forming an important relationship between various disciplines. Its remarkable that he links provenance studies with pre-Hispanic settlement patterns and use of resources to create a new historical perspective.

-Professor not confirmed yet.

Organizing Committee

Mercedes Murillo Barroso. Department of Prehistory and Archaeology: --LOGIN--6a23bad0c9661d2aed2c18561a4bc289ugr[dot]es

Alberto Dorado Alejos. Department of Prehistory and Archaeology: --LOGIN--5ce5503275c167056f8ce1b943eeea88ugr[dot]es

Francisco Contreras Cortés. Department of Prehistory and Archaeology. --LOGIN--c6ea13433d26f60708209291d2fb2337ugr[dot]es

Who can attend?

The course is intended for early career researchers in Archeology, History and Social Anthropology, but also for those who, not belonging to these fields, have focused their research on areas of knowledge relevant to the subject of the course.

The International Summer School of Archeometrical Studies. Inside the artefacts & ecofacts has a transdisciplinary, multidisciplinary and multidisciplinary vocation, so any proposal will be considered if any thematic or methodological compatibility is demonstrated.

The registration of researchers who do not submit proposals, but want to attend the sessions and participate in the debates will also be accepted.

Submission procedure

Please submit your proposal to --LOGIN--7e002c4b14d7b2767c617ff2eabc0055ugr[dot]es . **The deadline for the submission of proposals has been extended until September 15th, 2020.** Accepted proposals will be confirmed shortly after reception, until reaching the limit of available places. Each proposal should include:

- Name
- E-mail
- Affiliation (if any)
- Title of research proposal
- Abstract (300 words max.)
- Scientific areas of interest (5 to 10 keywords)

In case you want to register without submitting a proposal, just send us your name, e-mail and institutional affiliation.

Registration

The cost of this International Doctoral Summer School will be 120 € for all students. The maximum number of participants will be 20 students.

Contact

- Unidad de Excelencia: uearqueo@ugr.es
- Alberto Dorado Alejos: doradoalejos@ugr.es
- Mercedes Murillo Barroso: murillobarroso@ugr.es

Website

- <https://sites.google.com/go.ugr.es/ceramicmetallurgicetechnology/home>
- <https://sites.google.com/go.ugr.es/uearqueolugr/página-principal>

Schedule

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Marcos Martinon Torres (Cambridge)	Thilo Rehren (The Cyprus Institute)	Mike Carlton (University College of London)	Héctor V. Cabadas Báez (Universidad Autónoma del Estado de México)	¿?
10:00-11:30	Archaeometallurgy of gold	The Emergence and Evolution of Copper Smelting in the Old World	Archaeometallurgy of iron	Poster exposition (x5 junior researchers)	Poster exposition (x5 junior researchers)
12:00-13:30	Discussion	Discussion	Discussion	Soil micromorphology applied to prehispanic ceramic in Mexico: some descriptions and (re)interpretations in Maya, Aztec and experimental potteries	Title
13:30-16:30	Lunch Time				
16:30-17:00	Poster exposition (x5 junior researchers)	Poster exposition (x5 junior researchers)	Poster exposition (x5 junior researchers)	Discussion	Discussion