

eman ta zabal zazu



Universidad
del País Vasco

Euskal Herriko
Unibertsitatea

HERITAGE SCIENCE TODAY FROM ARCHAEOLOGICAL SITES TO MUSEUMS

Virtual workshop
5-6 May 2021

Antolatzaileak / Organizadores



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FACULTY
OF PHARMACY
UNIVERSITY
OF THE BASQUE
COUNTRY



Universidad
del País Vasco

Euskal Herriko
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FACULTY
OF ARTS
UNIVERSITY
OF THE BASQUE
COUNTRY

Introduction and scope of the virtual workshop

Heritage Science encompasses different disciplines from the field of pure and applied sciences, engineering and humanities. Heritage Science aims to understand the composition, the technological processes, the conservation and preservation of Cultural and Archaeological Heritage. It includes all forms of scientific research on artworks created by human beings and those that originate from the interaction between human beings and nature.

In this virtual workshop, several renowned researchers from the field of Heritage Science will give 30-minute lectures to illustrate the latest trends in the study of objects/materials/sites belonging to the field of Cultural and Archaeological Heritage.

Researchers/Specialists working in the field of conservation/heritage science (chemists, physicists, biologists, engineers, restorers/conservators/curators, archaeologists, historians, etc.) are welcome to attend this workshop. We encourage Master and PhD students working in the mentioned field to take part in this workshop.

Virtual Workshop language: English (Questions in Spanish or Basque are allowed)

Hosting Institution: University of the Basque Country UPV/EHU, with the help of the Vice-Rectorate of the Alava Campus

Programme

Wednesday 5 May 2021

9:30-9:45. Welcome

9:45-10:30. Analytical chemistry to unveil the impact of the environment on cultural and archaeological heritage (Maite Maguregui, University of the Basque Country UPV/EHU)

10:30-11:15. The story untold: role of Mt. Vesuvius in the degradation of mural paintings of Pompeii (Silvia Pérez-Diez, University of the Basque Country UPV/EHU)

11:15-12:00. Prints and lacquers in Japan: materials and colour (Josefina Pérez-Arantegui, University of Zaragoza)

12:00-14:15. Lunch break

14:15-15:00. Application of Radiocarbon Dating in art research and the protection of cultural heritage (Irka Hajdas, ETH Zurich)

15:00-15:45. The art and science of color: Four thousand years of experimentation and discovery through the collection of the Metropolitan Museum of Art (Marco Leona, The Metropolitan Museum of Art)

15:45-16:30. Organic molecules as biomarkers to understand shepherding practices in Neolithic and Chalcolithic periods (Asier Vallejo, University of the Basque Country UPV/EHU)

16:30-17:00. Remarks and closing

Thursday 6 May 2021

10:00-10:45. Welcome and introduction to the first presentation

On-site multianalytical approaches for Cultural Heritage materials: experiences in the Alhambra Monumental Ensemble (Granada, Spain) and Qubbet el Hawa excavation site (Asuan, Egypt) (Ana Domínguez-Vidal, University of Jaén)

10:45-11:30. Non-destructive nuclear analytical techniques on Cultural Heritage Science at CAN (Seville, Spain) (Miguel Ángel Respaldiza, University of Sevilla)

11:30-12:15. Beyond clay, water and fire: revealing ancient ceramic secrets through archaeological science (Javier G. Iñáñez, University of the Basque Country UPV/EHU)

12:15-14:15. Lunch break

14:15-15:00. Scientific analysis of museum objects at the V&A: Challenges and case studies (Lucia Burgio, Victoria & Albert Museum)

15:00-15:45. Heritage Science for open-air rock art in Iberian Peninsula (Juan F. Ruiz-López, University of Castilla-La Mancha)

15:45-16:30. Study of original painting materials: Harriet Backer's Schoenfeld paint tubes and Schmincke Mussini color swatches (Francesco Caruso, Swiss Institute for Art Research SIR-ISEA)

16:30-17:00. Final remarks and closing of the workshop

Participation in the virtual workshop

The virtual workshop is open to the public, but registration is required as the number of places is limited. If you are interested to attend, please register by e-mail before 28 April 2021 at the following address: heritagesci@ehu.eus. You will receive a link for the connection. Please, apart from your name we will appreciate if you could also mention your title, affiliation and your formation.

For each day of the virtual workshop, please start joining 10-15 minutes before the beginning of the first session.

Mentioned times are UTC +1 (CET).

Organization

Maite Maguregui (University of the Basque Country UPV/EHU, Faculty of Pharmacy, Department of Analytical Chemistry, maite.maguregui@ehu.eus)

Javier G. Iñáñez (University of the Basque Country UPV/EHU, Faculty of Arts, Department of Geography, Prehistory and Archaeology, javier.inanez@ehu.eus)

Scientific committee

Ramón J. Barrio (University of the Basque Country UPV/EHU, Faculty of Pharmacy, Department of Analytical Chemistry)

Asier Vallejo (University of the Basque Country UPV/EHU, Faculty of Pharmacy, Department of Analytical Chemistry)

Silvia Pérez-Diez (University of the Basque Country UPV/EHU, Faculty of Science and Technology, Department of Analytical Chemistry)

Juan Manuel Madariaga (University of the Basque Country UPV/EHU, Faculty of Science and Technology, Department of Analytical Chemistry)

Francesco Caruso (Swiss Institute for Art Research SIK-ISEA, Department of Art Technology)