

Science in Cultural Heritage

Interdisciplinary thinking

Online Zoom Conference

Begin 25.04.2024, 15:00 - 16:45

Every Thursday 15:00 - 16:45

Contact: clarimma.sessa@tum.de

<https://tum-conf.zoom-x.de/j/65101540823?pwd=YUhwWwwTnJKTIpwMHFIYWFaNGdsQT09>

Meeting ID: 651 0154 0823

Passcode: 139432

Seminar organized by the Chair of Conservation-Restoration, Art Technology and Conservation Science in collaboration with the Chair of Non-destructive Testing, TUM

PROGRAM

25th April Short introduction to the seminar. **Dr. Clarimma Sessa** - Heritage Scientists at the Chair of Conservation- Restoration, Art Technology and Science, TUM.

Dr. Francesco Caruso, María Zambrano Fellow at Universidad del País Vasco / Euskal Herriko Unibertsitatea. Topic: Historical Painting Materials: a Precious Source for Conservators, Art Historians and Scientists.

2nd May **Dr. Artur Neves**. Researcher at the Department of Conservation and Restoration NOVA School of Science and Technology | FCT NOVA, Portugal. Topic: Best billiard ball in the 19th century: Composite materials made of celluloid and bone as substitutes for ivory.

16th May **Marc Holly**, Head of the *Landesberatungsstelle zur Bestandserhaltung, Sachsen-Anhalt*. Topic: Chemical substances as cultural heritage objects - The Dye Collection of the Hochschule Niederrhein - University of Applied Sciences in Krefeld.

23rd May **Dr. Clarimma Sessa**, Heritage Scientists at the Chair of Conservation- Restoration, Art Technology and Science, TUM. Topic: "The use of Non-destructive analytical techniques in Cultural Heritage studies. Experience and current projects of the insiTUMlab, new analytical infrastructure for non-destructive in-situ studies of Cultural Heritage.

6th June **Prof. Dr. Michael Steiger**, Institut für Anorganische und Angewandte Chemie, Universität Hamburg. Topic: Salt-based damage in Cultural Heritage. The success of the Saltwiki.

13th June **Serena Benelli**, Researcher at Archivio Gallone, Politecnico di Milano. Topic: *The Gallone collection (Politecnico di Milano) and the Last Supper samples.*

20th June **Dr. Maite Maguregui**, Associate Professor, Department of Analytical Chemistry, University of the Basque Country UPV/EHU, Spain. Topic: The Colors of Pompeii Through the Lens of Chemistry: What it Was, What it Appears and What it Is.

27th June. **Dr. Diego Tamburini**, Material scientist at British Museum. Topic: An Introduction and Recent Advances in the Analytical Study of Early Synthetic Dyes and Organic Pigments in Cultural Heritage.

4th July **Dr. Angel Perles**, Associate professor at Universitat Politècnica de València. Topic: Preventive conservation, predictive analysis and environmental monitoring.

11th July **Dr. Marine Wojcieszak**, Research fellow at the Royal Institute for Cultural Heritage, KIK-IRPA, Belgium. Topic: Historic lime mortars composition and terminology for Radiocarbon dating — case studies based on thin-section petrography and cathodoluminescence.

18th July Seminar's Sum Up. Open discussion with the students and tour of the insiTUMlab. **Dr. Clarimma Sessa** - Heritage scientist at the Chair of Conservation-Restoration, Art Technology and Conservation Science.