

Science in Cultural Heritage

Interdisciplinary thinking

Online Zoom Conference

Begin 20.10.2022, 15:00 - 16:45

Every Thursday 15:00 - 16:45

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



PROGRAM*

20th Oct. Short introduction to the seminar. **Dr. Clarimma Sessa** - Conservation scientist at the Chair of Conservation-Restoration, Art Technology and Conservation Science.

Keynote lecture of Dr. Marco Leona, David H. Koch Scientist in Charge of the Scientific research department of The Metropolitan Museum of Art, New York.

27th Oct. **Dr Francesca Gherardi** - Investigative Science, Historic England, Fort Cumberland, Fort Cumberland Rd, Portsmouth, UK. Topic: Innovative nanomaterials for consolidation and protection of Built Heritage.

3rd Nov. **Dr. Diego Quintero Balbás** - researcher at the National Institute of Optics, Italy. Topic: Investigating daguerreotypes and other photographic materials with spectroscopy and other optical techniques.

10th Nov. **Dr. Roxanne Radpour** - researcher at the National Gallery, Washington. Topic: Imaging Spectroscopy Studies in the Visible to Near-Infrared Wavelength for Wall paintings investigation.

17th Nov. **Christina Elssässer** - researcher at the Conservation science department, Deutsches Museum, Munich. Topic: Analysis and conservation of plastic in Museums. Studies on Cellulose Nitrate.

24th Nov. **Dr. Elia Roldao** - researcher, Universidade NOVA de Lisboa. Topic: Chemistry and conservation of historical photographs.

8th Dec. **Dr. Elena Platania** - researcher at NIKU - Norwegian Institute for Cultural Heritage Research, University of Oslo. Topic: Paint materials & Art technology in late-medieval Scandinavian church objects.

15th Dec. **Dr. Silvia Amato**, researcher at the Conservation Department of the Courtauld Institute of Art, London. Topic: Reflectance imaging spectroscopy (RIS) and macro X-ray fluorescence (MA-XRF) applied to the study of paintings at the Courtauld.

22nd Dec. **Dr. Alice del Fovo**, researcher at National Institute of Optics, Italy. Topic: Optical methods in conservation studies.

12th Jan. **Polina Pugacheva** - researcher at Chair of non destructive testing, TUM. Topic: Electric Resistance Tomograph (ERT): applications on Cultural Heritage. The case of the Khufu Pyramid, Giza Plateau, Cairo.

19th Jan. **Randa Deraz** - researcher at Cairo University. Topic: Testing new graphene oxide-coated glazing for papyrus manuscripts in museums.

26th Jan. Seminar's Sum Up. Open discussion with the students. **Dr. Clarimma Sessa** - Conservation scientist at the Chair of Conservation-Restoration, Art Technology and Conservation Science.

* The titles and topics of the lecture may change.