

2019 IMEKO TC-4 INTERNATIONAL CONFERENCE ON

METROLOGY FOR ARCHAEOLOGY AND CULTURAL HERITAGE

FLORENCE, ITALY | DECEMBER 4-6, 2019



UNIVERSITÀ
DEGLI STUDI
FIRENZE

CALL for PAPERS for the special session on:

PIGMENTS AND PAlettes THROUGH THE AGES: SCIENCE OF PAINTING TECHNIQUES

→ ABSTRACT


Artists' pigments are a source of information for understanding and safeguarding art objects. They are key elements in dating paintings and painted objects, attributing them to artists, and detecting fakes and forgeries. Their chemical identification is also crucial for finding safe conservation treatments and environmental conditions for display, storage, and transport of valuable art. Again, when modern synthetic pigments need to be used in restoration, their characterization, along with their synthetic binders and additives, becomes an essential prerequisite before problems such as aging, cracking, fading can arise. This session focuses on conventional and advanced techniques used in the analysis of pigments in order to reconstruct pictorial techniques, so allowing conservators and restorers to make important decisions regarding the type of intervention to perform in the case of important historical-artistic objects.

→ TOPICS

Topics particularly welcomed include:

- Conventional techniques applied to pigments analysis (OM, SEM-EDS, μ FTIR, Raman spectroscopy, GC/MS, Py/GC/MS...);
- Synchrotron based techniques applied to pigments analysis (SR-XRF, SR-XAS, SR-XRD, SR-FTIR, SR-Raman, imaging...);
- Ion-based techniques applied to pigments analysis (RBS, PIXE,...).

→ CONTACT US

 info@metroarchoe.com


 www.metroarchoe.com



→ ORGANIZED BY



Domenico Majolino
University of Messina, Italy

 dmajolino@unime.it



Vincenza Crupi
University of Messina, Italy

 vcrupi@unime.it



Valentina Venuti
University of Messina, Italy

 vvenuti@unime.it

