

WORKSHOP
Non-Invasive and Micro-Invasive Physical-Chemical Techniques
for Cultural Heritage

Oltenia Museum, Conservation Laboratory

Monday 22 August		Tuesday 23 August	
09:00 – 12:30		09:00 – 12:30	
Module 1 (group A)	Module 2 (group B)	Module 3 (group A)	Module 4 (group B)
15:00 – 18:30		15:00 – 18:30	
Module 1 (group B)	Module 2 (group A)	Module 3 (group B)	Module 4 (group A)

Participants will be divided in two working groups of 15 participants (A and B). Each group will follow two modules per day, one in the morning and the second in the afternoon.

All participants will be given a Certificate of Attendance at the end of Workshop.

Module 1

Spectro-radiometric characterisation of cultural heritage

Tutors: Paola Iacomussi and Giuseppe Rossi

Optics Department, National Institute of Metrological Research, Turin, Italy

Module 2

LIBS as a handy tool in conservation science and practice

Tutors: Panayiotis Siozos¹ and Demetrios Anglos^{1,2}

¹Institute of Electronic Structure and Laser, Foundation for Research and Technology - Hellas, 71110 Heraklion, Greece

²Department of Chemistry, University of Crete, 710 03 Heraklion, Greece

Module 3

Identification of pigments by non-destructive reflection techniques: FTIR and UV-Vis

Tutors: Wilfried Vetter and Manfred Schreiner

Institute of Science and Technology in Art, Academy of Fine Arts, Vienna, Austria

Module 4

Portable XRF device for elemental analysis (alloys, pigments, ceramics)

Tutors: Gheorghe Niculescu and Migdonia Georgescu

Centre of Research and Scientific Investigation, National Museum of History, Bucharest, Romania