

PROGRAM

Days 1-4 Intro, Basics and Lab sessions

DAY 1

Monday 27 The first response - Imaging

09:00-09:30	Registration
09:30-10:00	Welcome to IESL-FORTH; short introduction and activities on CH, P. Pouli (IESL-FORTH)
10:00-11:00	Optics and Lasers- an introduction, D. Papazoglou (IESL-FORTH)
11:00-11:30	<i>Coffee break</i>
11:30-12:15	Pigments and materials throughout the Eastern Mediterranean cultural environment, A. de Tagle (Conservation science freelance consultant)
12:15-13:00	Optical Imaging- the seen and the unseen- Principles, K. Hatzigiannakis (IESL-FORTH)
13:00-14:30	<i>Lunch break</i>
14:30-15:15	Optical Imaging- the seen and the unseen –Case Studies, K. Melessanaki (IESL-FORTH)
15:15-16:00	<i>Participants' presentations. Discussion on aims and goals of the workshop</i>

DAY 2

Tuesday 28 The inside look- Structural diagnostics

09:30-10:00	Multi-photon imaging and microscopy in CH diagnostics, G. Filippidis (IESL-FORTH)
10:00-10:30	Imaging with THz waves, A. Koulouklidis, S. Tzortzakis (IESL-FORTH)
10:30-11:00	Information System Support for Analytical Methods, K. Doerr (ICS-FORTH)
11:00-11:30	<i>Coffee break</i>
11:30-12:15	Surfaces. Finishes, techniques and materials; their properties, chemistry, and changes, A. de Tagle (Conservation science freelance consultant)
12:15-13:00	Holographic Interferometry- the object's hidden structure- Principles & Case Studies, K. Hatzigiannakis, V. Tornari (IESL-FORTH)
13:00-14:30	<i>Lunch break</i>
14:30-14:45	Laser Safety
14:45-15:30	Lab demos
15:30-16:15	Lab demos

DAY 3**Wedn. 29** The inside look - Materials analysis

09:30-10:15	Material analysis- Spectroscopy, D. Anglos (IESL-FORTH)
10:15-10:40	Raman spectroscopy, the molecular signature, A. Phillipidis (IESL-FORTH)
10:40-11:00	New evidence about the use of ophiolites in the Minoan architecture. A Raman based provenance study, G. Grammatikakis (Univ. of Crete, Dept of Chemistry)
11:00-11:30	<i>Coffee break</i>
11:30-12:00	LIBS, the elements and their stratigraphy, P. Siozos (IESL-FORTH)
12:00-12:30	Using LIBS to access archaeological and climatic data in shell carbonates, N. Hausmann (IESL-FORTH)
12:30-13:00	Evaluation of graffiti cleaning with mechanical, chemical and laser procedures, S. Pozo (University of Vigo, ES)
13:00-14:30	<i>Lunch break</i>
14:30-15:15	Lab demos
15:15-16:00	Lab demos
	Visit at Knossos Archaeological Site

DAY 4**Thursday 30** Removing the unwanted material

09:30-10:15	Aspects of the original appearance to be considered in cleaning and conservation strategies of paintings, S. Sotiropoulou (Ormylia Foundation)
10:15-10:35	Laser interaction with matter, a tailored relation, P. Pouli (IESL-FORTH)
10:35-11:00	Laser assisted removal of encrustation from stone, P. Pouli (IESL-FORTH)
11:00-11:30	<i>Coffee break</i>
11:30-12:00	Decision-making processes in conservation of metals: public perception studies and material issues, S. Golfomitsou (UCL Qatar)
12:00- 12:20	Laser cleaning and spectroscopy: a synergistic approach in the conservation of a modern painting, K. Melessanaki (IESL-FORTH)
12:20-12:40	Open issues in laser cleaning, P. Pouli (IESL-FORTH)
12:40-12:50	Introduction to the Monument to be studied through the field campaign, N. Platia (TEI Athens, Conservation Dept)

12:50-13:15 *Wrap up discussion, Recap on workshop, remarks, future directions and priorities*

13:00-14:30 *Lunch break*

14:30-15:15 Lab demos

15:15-16:00 Lab demos

CLOSING EVENT

Key: Historic outline Invited lectures Lectures Discussion Lab sessions

Days 5-6 In-situ Campaign

DAY 5

Friday 01 **Working on site with DHSPI and Raman instruments**

DAY 6

Saturday 02 **Working on site with IRIS and LMtll instruments**