

PROGRAM

Days 1-5 Intro, Basics and Lab sessions

DAY 1

Monday 04 **The first response - Imaging**

09:30-10:00	Registration
10:00-10:15	Welcome to FORTH- IESL's activities with emphasis on CH
10:15-11:00	Historic, Cultural and monumental context. Conservation considerations in CH research Plenary talk by EphAH
11:00-11:30	<i>Coffee break</i>
11:30-12:15	Pigments and materials throughout the Cretan cultural times, A. de Tagle
12:15-13:00	Optical Imaging- the seen and the unseen- Principles, K. Hatzigiannakis
13:00-14:30	<i>Lunch break</i>
14:30-15:00	Optical Imaging- the seen and the unseen –Case Studies, K. Melessanaki
15:00-16:00	<i>Discussion on aims and goals of the workshop and participants interests</i>

DAY 2

Tuesday 05 **The inside look- Structural integrity**

09:30-10:15	Optics and Lasers, D. Papazoglou
10:15-11:00	Multi-photon imaging and microscopy in CH diagnostics, G. Filippidis
11:00-11:30	<i>Coffee break</i>
11:30-12:15	Holographic Interferometry- the object's hidden structure, V. Tornari, K. Hatzigiannakis
12:15-13:00	Laser Safety
13:00-14:30	<i>Lunch break</i>
14:30-15:15	Lab demos
15:15-16:00	Lab demos

DAY 3

Wednesday 06 **The inside look - Materials analysis**

09:30-10:15	Material analysis- Spectroscopy, D. Anglos
10:15-10:40	Raman spectroscopy, the molecular signature A. Phillipidis
10:40-11:00	New evidence about the use of ophiolites in the Minoan architecture. A Raman based provenance study, G. Grammatikakis
11:00-11:30	<i>Coffee break</i>
11:30-12:15	LIBS, the elements and their stratigraphy P. Siozos
12:15-13:00	A multi-technique approach, based on mobile laser instruments, for the in-situ, integrated study of artworks, Z. E. Papliaka
13:00-14:30	<i>Lunch break</i>
14:30-15:15	Lab demos
15:15-16:00	Lab demos

DAY 4

Thursday 07 **Removing the unwanted material**

09:30-10:00	Laser ablation of polymeric materials; understanding and optimisation studies, A. Selimis
10:00-10:30	Laser interaction with matter, a tailored relation, P. Pouli
10:30-11:00	Laser assisted removal of pollution crust from the Acropolis Monuments, P. Pouli
11:00-11:30	<i>Coffee break</i>
11:30-12:00	Laser cleaning and spectroscopy: a synergistic approach in the conservation of a modern painting, K. Melessanaki
12:00- 12:30	Open issues in laser cleaning, P. Pouli
12:30-13:00	Imaging with THz waves, A. Koulouklidis
13:00-14:30	<i>Lunch break</i>
14:30-15:15	Lab demos
15:15-16:00	Lab demos
Visit at Knossos Palace	

DAY 5

Friday 08

KRIPIS-POLITEIA project

09:30-10:15	Aspects of the original appearance to be considered in cleaning and conservation strategies of paintings, S. Sotiropoulou
10:15-11:00	Surfaces; finishes, techniques and materials; their properties, chemistry, and changes A. de Tagle
11:00-11:30	<i>Coffee break</i>
11:30-12:15	The Presentation of Virgin Mary; Byzantine Church at Fodele, E. Kanaki
12:15-13:00	<i>Wrap up discussion, Recap on workshop, remarks, future directions and priorities</i>
13:00-14:30	<i>Lunch break</i>

Key: *historic outline* *lectures* *discussion* *lab sessions*