

	Monday 23/06/2014	Tuesday 24/06/2014	Wednesday 25/06/2014	Thursday 26/06/2014	Friday 27/06/2014
Time	<i>Welcome and Introduction</i>	<i>The first response-Imaging</i>	<i>The inside look-Materials analysis</i>	<i>The inside look-Structural integrity</i>	<i>KRIPIS-POLITEIA project</i>
09:30-09:45	Registration	Optics and Lasers	Material analysis-Spectroscopy, D. Anglos	Holographic Interferometry-the object's hidden structure, V. Tornari	e-tools for managing the use of analytical, diagnostic and conservation methodologies M. Doerr
09:45-10:15	Welcome to FORTH- IESL's activities with emphasis on CH				
10:15-11:00	Surfaces; finishes, techniques and materials; their properties, chemistry, and changes A. de Tagle	Laser Safety	LIBS, the elements and their stratigraphy P. Siozos	Environmental monitoring using DHSPI	Laser assisted removal of unwanted layers P. Pouli
11:00-11:30	<i>Coffee break</i>				
11:30-11:55	Optical Imaging- the seen and the unseen	Multi-photon imaging and microscopy, G. Filippidis	Raman spectroscopy, the molecular signature A. Phillipidis	Lab Sessions: Holographic Interferometry	Russian icons; treasures to be discovered Y. Boycheva
11:55-12:15			New evidence about the use of ophiolites in the Minoan architecture. A Raman based provenance study. I. Grammatikakis		
12:15-13:00	Demos: optical imaging	Imaging with THz waves S. Tzortzakis	NMR spectroscopy for the identification and analysis of CH materials, A. Spyros		
13:00-14:30	<i>Lunch break</i>				
14:30-15:15	Pigments and materials throughout the Cretan cultural times A. de Tagle	Demos: multi-photon and THz imaging	Lab Sessions: Laser spectroscopies	Visit and discussion with the conservators at the Knossos Palace site or at the Archaeological Museum of Heraklion	<i>Wrap up discussion</i> <i>Recap on workshop, remarks, future directions and priorities</i>
15:15-16:00	<i>Discussion on aims and goals of the workshop and participants interests</i>				
18:00		Invited Lecture			

Key:	<i>historic outline</i>	<i>lectures</i>	<i>discussion</i>	<i>lab sessions</i>	<i>KRIPIS-POLITEIA</i>
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	Monday 30/06/2014	Tuesday 01/07/2014	Wednesday 02/07/2014	Thursday 03/07/2014	Friday 04/07/2014
Time	<i>Welcome and Introduction</i>	<i>Inorganic materials</i>	<i>Polymeric materials</i>	<i>Monitoring the cleaning intervention</i>	<i>KRIPIS-POLITEIA project</i>
09:30-09:45	Registration	Laser interaction with matter, a tailored relation P. Pouli	Laser ablation of polymeric materials; understanding and optimisation studies	LIBS; a unique laser analytical tool for monitoring the cleaning intervention, D. Anglos	Multi-photon imaging and microscopy to investigate laser ablation G. Filippidis
09:45-10:15	Welcome to FORTH- IESL's activities with emphasis on CH				
10:15-11:00	Surfaces; finishes, techniques and materials; their properties, chemistry, and changes A. de Tagle	Laser cleaning on stonework. Discoloration issues; origins & remedies	Laser discoloration of pigments P. Pouli	Laser cleaning and spectroscopy: a synergistic approach in the conservation of a modern painting, K. Melessanaki	Imaging with THz waves S. Tzortzakis
11:00-11:30	<i>Coffee break</i>				
11:30-12:15	Optics and Lasers	Imaging techniques to evaluate and monitor laser cleaning	Laser cleaning of metals	Holographic Interferometry- the object's hidden structure, V. Tornari	e-tools for managing the use of analytical, diagnostic and conservation methodologies M. Doerr
12:15-13:00	Laser Safety	Laser assisted removal of dark cement crusts from the mineral gypsum architectural elements of the archaeological site of Knossos G. Grammatikakis	Laser cleaning of organics	Structural monitoring of laser cleaning with DHSPI (paintings and frescoes)	Geophysical – Satellite Remote Sensing & Archaeo-environment applications A. Sarris
13:00-14:30	<i>Lunch break</i>				
14:30-15:15	Pigments and materials throughout the Cretan cultural times A. de Tagle	Lab Sessions: laser cleaning of stonework	Visit and discussion with the conservators at the Knossos Palace site or at the Archaeological Museum of Heraklion	Demos: Laser cleaning	<i>Wrap up discussion Recap on workshop, remarks, future directions and priorities</i>
15:15-16:00	<i>Discussion on aims and goals of the workshop and participants interests</i>				
18:00		Invited lecture (Acropolis)			
Key:	<i>historic outline</i>	<i>lectures</i>	<i>discussion</i>	<i>lab sessions</i>	<i>KRIPIS-POLITEIA project</i>