



## Advanced laser-based techniques in art conservation, diagnostics and analysis



IESL-FORTH Heraklion, Crete, Greece 18- 22 June 2012

### A Charisma project training course and workshop

Join us for an exciting week in Crete to learn the latest on laser technologies  
and their applications in cultural heritage conservation

The course focuses on the applications of optical and laser technologies in Conservation and Cultural Heritage Science. It will involve a series of lectures from experts on advanced laser-based conservation methodologies and analytical techniques, combined with hands-on and practical demonstration sessions.

#### Topics:

- Analytical Laser Spectroscopy: LIBS, LIF, THz, Mass Spectrometry
- Laser restoration: methodologies and real-case interventions
- Optical coherence metrology in structural diagnosis
- Imaging and mapping: spectral and non-linear microscopy imaging

#### Special Lecture:

Laser cleaning campaigns at the Athens Acropolis (Ministry of Culture).

#### Who can participate

The course is addressed to graduate students or undergraduate seniors, early-career conservation professionals and young researchers.

Apply at [CharismaLaserCourse.iesl.forth.gr](http://CharismaLaserCourse.iesl.forth.gr)

Deadline: **April 15, 2012**

Number of participants: **25-30**.

#### Contact

**Paraskevi Pouli**

**IESL**  
Institute of Electronic Structure and Laser  
**FORTH**  
Foundation for Research and Technology - Hellas  
PO Box 1385, 71110  
Heraklion, Crete, Greece

Phone: +30 2810 391870, -1300 (sec.)  
Fax: +30 2810 391318  
E-mail: [laserart@iesl.forth.gr](mailto:laserart@iesl.forth.gr)