



3RD IPERION-CH DOCTORAL SUMMER SCHOOL

Towards an European infrastructure on heritage science: advances in the characterization, diagnosis and treatment evaluation of heritage materials

16th – 20th July 2018 at University of Bologna, Ravenna Campus, Italy

The 3rd IPERION-CH Doctoral Summer School (IIDS³) is aimed at transferring the advanced knowledge so far achieved by the IPERION-CH research and access activities.

International experts will present the innovative research activities related to the development of novel instrumentations and analytical methods for the study of heritage materials.

The participants will also understand the importance of being able to access to large and medium scale facilities, mobile laboratories and data archives within a European dimension.

The possibility of establishing new collaborations will be encouraged thank to the limited number of participants and the organisation of visits and social events.

The school is organised by the University of Bologna research unity in the Ravenna Campus where the Microchemistry and Microscopic Art Diagnostic laboratory (M2ADL), the international Master Degree course on Science for the Conservation of Cultural Heritage (SCORE), and the newly established international PhD on Science and Technologies for Cultural Heritage (STECH) are delivered. Visit to the Microchemistry and Microscopic Art Diagnostic laboratory, to the Ravenna UNESCO world heritage listed monuments and to the scientific and restoration laboratories of the Opificio delle Pietre Dure in Florence will be organised.

Who should attend?

The IIDS³ Doctoral Summer School is of interest for Master and PhD students, post-docs, conservators-restorers and scientists working in the fields of cultural heritage conservation and heritage science.

Participants must be keenly motivated to actively participate, and must be available for the whole duration of the summer school.

The official language of the Doctoral School is English and therefore fluency in written and spoken English is essential. All participants will receive a certificate of attendance that can be converted into ECTS if accepted by their doctoral school





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Confirmed list of lecturers:

Luca Pezzati "Towards the institution of an European research infrastructure on Cultural Heritage"

Bernard Bluemich "Nondestructive Testing of Tangible Cultural Heritage with the NMR-MOUSE"

Ilaria Bonaduce "Development of tailored analytical approaches based on mass spectrometry"

Thomas Calligaro "Imaging complex heritage artefacts using ion, neutron and X-ray beams"

Hilde De Clerq "ARCHLAB: access to archives"

Laura Cartechini "Diagnostic strategies for non-invasive monitoring of cleaning procedures of polychrome surfaces"

Vincent Detalle "Innovative non destructive techniques for the analyses of cultural heritage"

Raffaella Fontana "Imaging and spectroscopy analysis based on multispectral measurements"

Monica Galeotti "Protective coatings on metal artworks: a multi-technique approach to the characterization of key parameters for performance assessment"

Zsófia Kertész "Application of a nuclear microprobe in heritage science"

Michel Menu "FIXLAB: access to large-medium scales facilities to study cultural heritage"

Silvia Prati "Advanced spectroscopic techniques for the analyses of dyes"

Aldo Romani "Not invasive diagnostic in Cultural Heritage: the MOLAB experience"

Giorgia Sciutto "Advanced immune based techniques for the analyses of cultural heritage"

Panayiotis Siozos "Novel laser-induced imaging techniques in heritage science"

Venue

The IIDS³ Doctoral Summer School will be organised in the Ravenna

Campus of the University of Bologna. The lectures will be held at the Department of Engineering in Via Tombesi Dall'Ova 55.

The Microchemistry and Microscopic Art Diagnostic laboratory is located at a walking distance from the school premises.

The costs of travel and accommodation will need to be met by the participants.

Schedule

Lectures will start Monday the 16th at 14.00 and will end up on Friday the 20th at 13.30.





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Doctoral Summer School Fees

Registration fees are 250€ for participants who will enrol before 08/06/2018. Late registration fees will be 300€

Registration fees include a copy of all lectures, visits, coffees and lunch.

The registration can be paid by wire transfer. Please report in the transfer IIDS3_surname_name

IBAN: IT66D0200813120000001482437

BIC SWIFT: UNCRITM1RM0

Beneficiary: CIRSA, University of Bologna

Registration

Registration is limited to 25 participants. Participants will be selected by the IIDS3 organising committee from the candidate pool based on merits, educational and research background and other criteria. Early applications will be given priority.

The application deadline is May 15, 2018. Selected participant will be informed of their acceptance by May 31, 2018.

To apply to the IIDS3, please complete the attached registration form, and send it along with a short CV and a motivation letter to the contact e-mail: s.prati@unibo.it

Scientific and organizing committee

Prof. Rocco Mazzeo, Prof. Silvia Prati, Dr Giorgia Sciutto (University of Bologna, Chemistry Department “G. Ciamician”, Microchemistry and Microscopy Art Diagnostic Laboratory, Ravenna Campus)

