

Playing with light: from FORS to hyperspectral imaging | 23-27 January 2017

(Advanced Winter Course for the Conservation of Cultural Heritage)

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	Monday (23)	Tuesday (24)	Wednesday (25)	Thursday (26)	Friday (27)
10:00 - 11:00	Fundamentals of UV-Vis-NIR spectroscopy^a	FORS in cultural heritage^d	Definition of case studies from PhD projects	Working on PhD case studies	Evaluation
11:00 - 12:00					
12:00 - 13:30					
13:30 - 15:00	Devices^b & Spectra acquisition and analysis^c	Multi- and hyper-spectral imaging: past, present and future^e	Working on PhD case studies	Preparation of evaluation	
15:00 - 16:00	Case studies (glass and ceramics) & Practical session	Case studies (paintings) & Practical session			
16:00 - 17:00					

^aFrom absorption to reflection

^bIncluding spectro-colorimeters and micro-fading spectrometers ^cCalculation of Lab* colour coordinates, normalization, derivatives, interpolation, conversion %R - Abs and %T - Abs, reflection and absorption maxima, Kubelka-Munk

^dApplications and research developed in the conservation science community

^eEvolution from FORS, devices, data acquisition and processing, applications