

Solvay Colloquim

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NEW MOBILE INSTRUMENTS TO GET IN SITU CHEMICAL ANALYSIS OF PAINTINGS

The study of Cultural Heritage materials requires advanced techniques to shed new lights on ancient technologies and help in their preservation. The precious character of the most famous works of art and their uniqueness imply particular cautions and require instruments which may give the maximum of information directly on the objects, in-situ in the museums or in the archaeological sites.

The implementation of new analytical tools, including mobile instruments, allows a deep insight on the archaeological and artistic materials. We will show the performances of different new mobile instruments we built to allow in situ characterization of the nature, the alteration and the mode of preparation of different pigments. Through several examples, we will show how the painters were able to create the perception of depth in their paintings by modulating carefully the relationship between shadows and light, thanks to the realization of dark areas, the work in sub-layers and the choice of pigments. It was then possible to obtain particular shades reproducing light reflection on metallic objects or performing an atmospheric perspective.

Tuesday 1 March 2016 at 4.00 P.M.

COFFEE AND TEA WILL BE SERVED AT 3.45 P.M. IN FRONT OF THE SOLVAY ROOM

SOLVAY ROOM

BUILDING N.O. - 5TH FLOOR
UNIVERSITÉ LIBRE DE BRUXELLES
CAMPUS PLAINE - BOULEVARD DU TRIOMPHE
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