

Séminaire SOLEIL

“ Translational Heritage ”

Prof. Tim WESS

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Invité par Loic BERTRAND

Vendredi 23 octobre 2009 à 15h00
Grand Amphi SOLEIL

Séminaires

Meaningful analysis of samples in historic conservation requires technology to deliver answers to questions posed by conservators and practitioners who are the end users of the information. Technology can supply information which goes beyond the written word that can help to give a richer detail of the making, storage and provenance of an artefact. Most of the examples which will be given relate to the analysis of parchment and bone using X-ray diffraction, small angle X- ray scattering (SAXS) and tomography to read hidden texts.

Use of attenuated total reflection-Fourier transform infrared spectroscopy to measure collagen degradation in historical parchments - Gonzalez L, Wess T. Appl Spectrosc. 2008 Oct;62(10):1108-14.

Microfocus X-ray diffraction of historical parchment reveals variations in structural features through parchment cross sections Nano letters 4 (8): 1373-1380 2004- Kennedy CJ, Hiller JC, Lammie D, Drakopoulos M, Vest M, Cooper M, Adderley WP, Wess TJ.

Formalités d'entrée : accès libre dans l'amphi du Pavillon d'Accueil. Si la manifestation a lieu dans le Grand Amphi Soleil du Bâtiment Central, merci de vous munir d'une pièce d'identité (à échanger à l'accueil contre un badge d'accès).

SYNCHROTRON SOLEIL

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