

# Photoemission spectroscopy at nearly ambient conditions: from Environmental Chemistry to Nanoscience.

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**Vendredi 15 juin à 15h00**  
**Amphi du Bât. Accueil SOLEIL**

The renewed interest for a detailed material characterization, required to satisfy present sophisticated developments, social demands and new technologies, jointly with the today open new possibilities that scientific instrumentation offers, give us the chance to go deeper for new answers and revisit old themes partially understood or without response at the moment.

In particular, synchrotron sources allow novel instrumentation and developments to understand new properties and characteristics of surfaces and nanomaterials at difficult conditions, like high pressure, temperature, etc.

We present original results on single crystals, obtained by X-ray photoelectron spectroscopy at nearly ambient pressure conditions in thermodynamic equilibrium with the gas phase, and X-ray absorption experiments on nanomaterials, like nanoparticles, nanoporous or nanotubes, to extract geometrical, structural and electronic information.

**Formalités d'entrée** : accès libre dans l'amphi du Pavillon d'Accueil. Si la manifestation a lieu dans le Grand Amphi Soleil du Batiment 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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<http://www.synchrotron-soleil.fr/portal/page/portal/Soleil/ToutesActualites>

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