

# Physik-Kolloquium

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**Dienstag, den 17.06.2014, 16.00 Uhr**

**Dr. Stefan Kubsky,**

Synchrotron SOLEIL, Gif-sur-Yvette CEDEX, France

## **Synchrotron SOLEIL – Converging Science and Technology**

The Kolloquium talk will introduce the realisation of a modern 3rd generation electron storage ring. A quick view upon basic principles of synchrotron operation leads to the specificities of SOLEIL with respect to other sources in the world either under operation or under construction. The Surface Laboratory is one of the support laboratories of SOLEIL. Apart from in-house research, its mission is to develop and introduce new instrumentation: Why combining Scanning Tunneling Microscopy (STM) with complementary research on a Synchrotron Beamline (TEMPO) ? How and why couple synchrotron light to a local probe "srAFM", and NANOPROBE-an international collaborative project about the development of a hard x-ray Nanobeam endstation for Nano Tomography and x-ray fluorescence analyses: JTRC - SOLEIL - MAXIV (Sweden).

**Ort: Hörsaal für Theoretische Physik, Linnéstraße 5**

**Alle Teilnehmer sind ab 15.30 Uhr zu Kaffee vor dem Hörsaal eingeladen.**