

# SATELLITE WORKSHOP - Photon Science



## High energy X-ray diffraction for Physics and Chemistry

Thursday, 26 January 2017

Bldg. 3, Seminar Room BAH1

High energy X-ray diffraction based techniques have a unique impact on physics and chemistry, especially with respect to the formation of materials. This workshop brings together experienced users, interested researchers, and beamline staff to present and discuss the current and future high-energy X-ray diffraction capabilities at DESY and key experiments that demonstrate the potential of this technique. We invite workshop participants to give a talk on their work in the topics of

- powder or single crystal diffraction
- surface and interface diffraction
- amorphous and nanostructured materials

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### PROGRAMME

14:00	Status Powder Diffraction Beamline P02.1,	Martin Etter	DESY
14:30	Status High Energy X-ray Diffraction Beamline P21.1	Martin von Zimmermann	DESY
15:00	Status High Energy X-ray Diffraction Station P07-DESY	Uta Ruett	DESY
15:30	<i>Coffee break</i>		
16:00	Atomic short range order of functional thin film	Ann-Christin Dippel	DESY
16:30	Melting and solidification of bulk metallic glasses	Olga Shuleshova	IFW Dresden
17:00	In situ oxide film growth by MBE	Joachim Wollschläger	Univ. Osnabrück
17:30	In Situ Studies on Phase Transitions of $Al(acac)_3$	Huayna Terraschke	Univ. Kiel
18:00	<i>End of meeting</i>		