



## High Energy X-ray Diffraction for Physics and Chemistry

Thursday, 25 January 2018

Bldg. 25f, seminar room 456

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.

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### PROGRAMME

<b>14:00</b>	<b>Session 1</b>		
14:00	Status Powder Diffraction Beamline P02.1	Michael T. Wharmby	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	Ann-Christin Dippel	DESY
<b>15:30-16:00</b>	<b>Coffee break (30 Min.)</b>		
<b>16:00</b>	<b>Session 2:</b>		
16:00	Confining metal-halide perovskites in nanoporous thin films: a high energy WAXS and SAXS study	Bert Nickel,	LMU München (D)
16:30	In-situ / ex-situ Experiments at Synchrotron and Neutron Facilities for Battery Research	Michael Knapp	KIT (D)
17:00	Combining High Energy X-ray Diffraction Techniques with Laser-Induced Fluorescence in Operando Catalysis	Uta Hejral	Lund University
17:30	Discussion		
<b>18:00</b>	<b>End of the workshop</b>		