

SATELLITE WORKSHOP - Photon Science



6th Workshop on X-Ray Nano-Imaging of Biological and Chemical Systems at PETRA III

Thursday, 28 January 2016

Seminar Room FLASH, Bldg. 28c

The workshop covers x-ray microscopy at PETRA III with special emphasis on applications in biology and chemistry. It is held for the 6th time as part of the activities of the Helmholtz Virtual Institute "In-Situ Nano-Imaging of Biological and Chemical Processes" and brings together scientists from biology, chemistry, and x-ray microscopy.

Organiser: G. Falkenberg, C. Schroer

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PROGRAMME

14:00	Welcome & Introduction to X-ray Microscopy at PETRA III	Christian Schroer	DESY, Uni Hamburg
14:30	Research opportunities with high-resolution imaging by ptychography at P06	Andreas Schropp	DESY
15:00	Surveying catalyst particles at multiple length scales using high resolution X-ray imaging	Florian Meirer	University of Utrecht
15:30	Aging in high power Li-ion battery electrodes - when boring is best!	Dorthe Ravnsbæk	Aarhus University
16:00	<i>Coffee break</i>		
16:30	Nanoscale phase contrast tomography of biological samples	Mareike Töpperwien	Uni Göttingen
17:00	Bragg coherent X-ray diffractive imaging of a single indium phosphide nanowire	Dmitry Dzhigaev	DESY
17:30	Nanolab at DESY	Andreas Stierle	DESY
18:00	Closing remarks and end of meeting		

Update: 14 January 2016