

**3RD WORKSHOP ON X-RAY NANO-IMAGING OF BIOLOGICAL AND CHEMICAL SYSTEMS
AT PETRA III**

SATELLITE WORKSHOP AT HASYLAB USERS' MEETING

Time: Thursday, January 24, 13:30

Venue: bldg. 28c / FLASH Seminar Room (changed due to large number of registrations)

Contact: gerald.falkenberg@desy.de, schroer@physik.tu-dresden.de

Chairs: Gerald Falkenberg (DESY) & Tim Salditt (Univ. Göttingen)

- | | | |
|-------|---|-----------------------------------|
| 13:30 | Welcome & Introduction to X-ray Microscopy at PETRA III | Christian G. Schroer (TU Dresden) |
| 13:50 | The moonlight window in Clunio larval eyes: A new model for the analysis of melanin turnover | Gerta Fleissner (Uni. Frankfurt) |
| 14:10 | Full-field and scanning micro/nano-XRF analysis of diamond-inclusions and presolar carbon microspheres at PETRA-III P06 | Laszlo Vincze (Ghent University) |
| 14:30 | Imaging catalysts in the nanoscale using X-rays and electrons | Jan-Dierk Grunwaldt (KIT) |
| 14:50 | X-Ray nanodiffraction on fixed, hydrated and initially living cells. | Sarah Köster (Uni. Göttingen) |
| 15:10 | Ptychographic imaging of nanowires at the nanofocusing station of the P06 beamline at PETRA III | Ivan Vartanyants (DESY) |
| 15:30 | Discussion & Coffee | |