

Satellite Meeting
Status and Perspectives of Small Angle X-ray Scattering at DESY
Thursday, January 24, 2013
Location to be announced

- 14:00** R. Gehrke (DESY)
Welcome
- 14:20** S.V. Roth (DESY)
Status of Petra III Beamline P03
- 14:40** N. Stribeck (U Hamburg, Germany)
Monitoring Straining Mechanisms in Polyurethane Elastomers by SAXS. Macroscopic Straining by Localized Nanoscopic Failure and Matrix Relief
- 15:00** A. Rozanski (Polish Academy of Science, Poland)
Controlling Cavitation of Crystalline Polymers During Tensile Drawing
- 15:20** F.J. Balta-Calleja, A. Flores, F. Ania (CSIC Madrid, Spain)
SAXS Studies of Nanolayered Polymer Composites: Influence of Confinement
- 15:40** F.J. De Jong (TU Harburg, Germany)
In-situ Small-Angle X-ray Scattering Measurements of Nanoparticles Filtered with a Thin Film of Macromolecules
- 16:00** **Coffee Break**
- 16:30** J. Zhang (TU München, Germany)
Structural Evolution of Diblock Copolymer Thin Films with Perpendicular Lamellae During Solvent Vapour Treatment Investigated by GISAXS
- 16:50** E. Metwalli (TU München, Germany)
Growth Kinetics of Metal Nanoparticles on Polymer Surfaces
- 17:10** P. Müller-Buschbaum (TU München, Germany)
GISAXS and GIWAXS Measurements for the Detection of the Inner Morphology in Organic Solar Cells
- 17:30** Stefan Kowarik (HU Berlin, Germany),
S. Bommel, C. Weber, P. Schäfer, J. Novak, F. Schreiber, S. V. Roth
Simultaneous GISAXS and growth oscillation measurements: observing nucleation and step-edge crossing during multilayer growth of fullerene C60 molecules
- 17:50** V. Körstgens (TU München, Germany)
Microfluidics and GISAXS at the MiNaXS Beamline
- 18:10** M. Trebbin (U Bayreuth, Germany)
Microfluidics at P03/MiNaXS: The Latest Results