

Satellite Meeting
Status and Perspectives of Small Angle X-ray Scattering at DESY
Thursday, January 26, 2012
Seminar Room 4a/b in Bldg. 1

14:00 R. Gehrke (DESY)
Welcome

14:20 S.V. Roth (DESY)
Status of Petra III Beamline P03

14:40 M. Trebbin
Status of the Microfluidic T-SAXS Project at P03/MiNaXS

15:00 V. Koerstgens (TU München, Germany)
Microfluidics and MicroGISAXS at P03/MiNaXS

15:20 N. Stribeck (U Hamburg, Germany)
Structure and Mechanical Properties of an Injection-Molded Thermoplastic Polyurethane as a Function of Melt Temperature

15:40 M. Schroer (U Dortmund, Germany)
High Pressure SAXS on Concentrated Protein Solutions

16:00 **Coffee Break**

16:30 F. J. Balta-Calleja, A. Flores and F. Ania (CSIC Madrid, Spain)
Crystallization of PET and PP in Nanolayered Confined Compacting Structures Using SAXS

16:50 M. Brennich (U Göttingen, Germany)
Cation Induced Self-Assembly of Intermediate Filaments

17:10 U. Klemradt (RWTH Aachen, Germany)
Determining Free Distribution Functions in Polydisperse Systems from SAXS

17:30 C. Papadakis (TU München, Germany)
Real-time, In-situ GISAXS Experiments on Block Copolymer Thin Films During Vapor Treatment and Drying.

17:50 E. Metwalli (TU München, Germany)
Real-time GISAXS Study of Metal Nanoparticles Growth on Nanostructured Polymer Films

18:10 A. Nogales (CSIC Madrid, Spain)
Dynamics of Weakly Segregated Block Copolymers Studied by XPCS at the Coherence Beamline P10

19:00 **Dinner**