

**Satellite Meeting**  
**Status and Perspectives of Small Angle X-ray Scattering at DESY**  
**Thursday, January 27, 2011**  
**Seminar Room in Bldg. 28c**

**10:00** R. Gehrke (DESY) Welcome and Introduction

**10:15** S. Funari (DESY) Status of A2

**10:30** U. Vainio (DESY) Status of B1

**10:45** J. Perlich (DESY) Status of BW4

**11:00** S.V. Roth (DESY) Status of P03

**11:15 Coffee Break**

**11:40** A. Pawlak (Lodz, Poland)

SAXS studies of plastic deformation in semicrystalline polymers.

**12:00** C. Papadakis (München, Germany)

Dispersions of modified carbon nanotubes - a combined SAXS and SANS investigation.

**12:20** P. Garidel, J. Kuntsche (Halle, Germany)

Stratum corneum lipid organization in an epidermal cell culture model studied by synchrotron radiation SAXS.

**12:40** F. Karimi, K. Pranzas (Geesthacht, Germany)

ASAXS investigations of hydrogen storage materials.

**13:00 Lunch**

**14:00** M. Brennich (Göttingen, Germany)

Combining microfluidics and SAXS to access intermediate filament assembly.

**14:20** S. Nunes (Thuwal, Saudi-Arabia)

Highly porous membranes from micelle self-assembly and metal complexation.

**14:40** N. Mattern (Dresden, Germany)

Phase separation of metallic glasses.

**15:00** F.J. Balta-Calleja, F. Ania (Madrid, Spain)

Nanostructure and crystallization phenomena in multilayered films of alternating semicrystalline polymers as revealed by SAXS and WAXS.

**15:20** T. Ezquerra (Madrid, Spain)

Laser induced periodic surface structures (LIPSS) on polymeric thin films as characterized by GISAXS.

**15:40 Coffee Break**

**16:10** L. Sanchez de Almeida Prado (Hamburg, Germany)

Understanding the changes in morphology and electrical conductivity carbon nanotube/polymer nanocomposites. Effect of filler functionalisation and tensile loading.

**16:30** P. Müller-Buschbaum (München, Germany)

First GISAXS experiments at the new MiNAXS beamline.

**16:50** C. Krywka (Kiel, Germany)

The Nanofocus Endstation of the MiNaXS Beamline at PETRA III.

**17:10** M. Trebbin (Bayreuth, Germany)

Latest results from microfluidics at MiNaXS.

**17:30** K. Schneider (Dresden, Germany)

Structural changes upon deformation as a function of temperature – new possibilities opened by micro beam scanning.

**17:50** V. Koerstgens (München, Germany)

Special sample environments for  $\mu$ GISAXS at the MINAXS beamline - imaging ellipsometry & microfluidics.