

# In situ Rheology

24-25. January 2013, DESY, Hamburg

	Thursday		Friday	
9:00	<i>Davidson</i> RheoSAXS study of colloidal suspensions of plate-like particles	X-Ray	<i>Fischer</i> Alignment of wormlike micelles in entry flow studied by small angle scattering	Neutrons
9:30	<i>Struth</i> Liquid crystals in shear flow probed by vertically deflected beam		<i>Porcar</i> Flow-SANS capabilities at the ILL	
10:00	<i>Lettinga</i> Using SAXS and SANS to probe dynamical changes in shear ed systems		<i>Ruocco</i> Microscopic investigation of polymer chain relaxation with RHEO-SANS	
10:30	<b>Break</b>		<b>Break</b>	
11:00	<i>Petekidis</i> Rheology and dynamics of colloid systems by combined LS-echo and rheometry under oscillatory shear	Light scattering, Microscopy	<i>Denisov</i> Resolving structural modifications of colloidal glasses by combining x-ray scattering and rheology	X-Ray
11:30	<i>Auernhammer</i> Confocal Microscopy of Colloidal and Granular Matter under External Load		<i>Auhl</i> Polymer crystallisation and structure development studies of bio-based materials from combined rheology, scattering, and calorimetry	
12:00	<i>Willenbacher</i> Rheology and Structure of Complex Suspensions		<i>Pfohl</i> <i>Microfluidic application in rheology</i>	
12:30	<i>Laurati</i> Confocal microscopy under shear: A microscopic study of the yielding of colloidal dispersions		<i>Wilhelm</i> <i>Combined methods in rheology: Rheo-SAXS, Rheo-Dielectric and rheo-NMR.</i>	
13:00	<b>Lunch</b>		<b>Lunch</b>	
14:00	<i>Clasen</i> A microgap rheometer for in-situ scattering studies of confinement effects	X-Ray	<b>END</b>	
14:30	<i>Peters</i> Slit rheometry and time resolved, in-situ X-ray measurements on semi-crystalline polymers			
15:00	<i>Tao</i> <i>Formation of shish-kebab crystal structures in HDPE/CNTs composites as studied by combined in-situ Rheo-SAXS and Rheo-dielectrics</i>			
15:30	<i>Graafsma</i> <i>New possibilities with new detectors</i>			
16:00	<b>Break</b>			
16:30	<i>Schmidt</i> NMR investigations of anisotropic fluids under shear	NMR, Light scattering		
17:00	<i>Heyer</i> Scattering setups for a commercial rotational rheometer - Where we started and where we are today			
17:30	<i>Oldörp</i> <i>Tracking Molecular Structures as a Function of Time and Temperature via Simultaneous Rheometry and FT-IR Spectroscopy</i>			
18:00	<b>Visit to Petra</b>			
19:30	<b>Dinner &amp; Poster Session</b>			