

TUESDAY, 15<sup>TH</sup> SEPTEMBER 2015

9:00 – 12:00 UHR

Exhibition Open: 09:30 – 14:30  
 Registration Desk Open: 08:00 – 15:00  
 Speaker Preview Room Open: 08:00 – 18:30  
 Poster Exhibition Open: 09:00 – 18:30

09:00 – 09:50		PLENARY SESSION 3			09:00 – 09:50		
		"UNDERSTANDING THE RHEOLOGY OF COMPLEX FLUIDS THROUGH FLOW AND RHEO-SANS" Norman J. Wagner, <i>University Delaware, U.S.A</i> Chair: Jan-Skov Pedersen / Auditorium H0104					
09:50 – 10:20		Coffee Break Exhibition Area			09:50 – 10:20		
10:20 – 12:00		ORAL PRESENTATIONS		ORAL PRESENTATIONS		10:20 – 12:00	
		Tue-C3: Colloids and Complex Fluids Chair: Norman J. Wagner / Room: H0110		Tue-H3: Hybrid and Biomaterials / Tue-P1: Polymers Chair: Pavel Strunz / Room: H0104			
		Tue-S2: Structural Biology Chair: Anne-Laure Fameau / Room: H1058		Tue-T2: Instruments and Techniques Chair: Ralf Schweins / Room: H1012			
10:20	"SHAPE PERSISTENCE MICELLES HAVING THE SAME AGGREGATION NUMBERS WITH THE PLATONIC SOLIDS" Kazuo Sakurai, <i>University of Kitakyushu, Japan</i>	"SAXS STUDY OF PEPTIDE SELF-ASSEMBLY IN SOLUTION" Valeria Castelletto, <i>University of Reading, UK</i>	"THE ASYMMETRIC SOLUTION STRUCTURES OF NATIVE AND PATIENT MONOMERIC HUMAN IGA 1 REVEAL NEW INSIGHTS ON IGA NEPHROPATHY" Stephen Perkins, <i>University College London, United Kingdom</i>	"COMBINING SCANNING SAXS WITH TENSOR TOMOGRAPHY: ORIENTATION ANALYSIS OF NANOSTRUCTURES IN 3D" Marianne Liebi, <i>Paul Scherrer Institut, Switzerland</i>	10:20		
10:40	"COEXISTING CRYSTAL AND MELT STRUCTURES IN COLLOIDAL BINARY MIXTURES" Adrian Rennie, <i>Uppsala University, Sweden</i>	"SMALL ANGLE X-RAY SCATTERING AS A VERSATILE TOOL TO EXPLORE MINERALIZATION PATTERNS IN HEALTHY AND DISEASED BONE" Wolfgang Wagermaier, <i>Max Planck Institute of Colloids and Interfaces, Germany</i>	"DECODING THE UNFOLDING INTERMEDIATES OF BOVINE SERUM ALBUMIN USING SCANNING HPLC/SAXS/UV-VIS SYSTEM" Yi-Qi Yeh, <i>National Synchrotron Radiation Research Center, Taiwan, R.O.C.</i>	"ESRF ID01: A NEW BEAMLINE FOR NANOSTRUCTURE RESEARCH" Peter Boesecke, <i>European Synchrotron Radiation Facility, France</i>	10:40		
11:00	"BULK NANOSTRUCTURE OF THE SOLVATE IONIC LIQUID [Li(G4)]TFSI AND CONFORMATION OF DISSOLVED POLY-ETHYLENE OXIDE" Rob Atkin, <i>University of Newcastle, Australia</i>	"QUANTIFYING TIE-CHAIN CONTENT IN SEMICRYSTALLINE POLYOLEFINS WITH VAPOR-FLOW SMALL-ANGLE NEUTRON SCATTERING" Amanda McDermott, <i>National Institute of Standards and Technology, U.S.A</i>	"STRUCTURAL CHARACTERIZATION OF MAGNESIUM TRANSPORTER CORA BY SMALL-ANGLE X-RAY SCATTERING USING THE NANODISC" Pie Huda, <i>University of Copenhagen, Denmark</i>	"SAXS AND FREE JET MICROMIXER TO STUDY THE SUB-MILLISECOND / MILLISECOND INTERACTION OF SILICA NANOPARTICLES WITH PROTEINS" Benedetta Marmioli, <i>Graz University of Technology, Austria</i>	11:00		
11:20	"NEUTRON SCATTERING STUDIES OF SELF-ASSEMBLY IN AMPHIPHILIC IONIC LIQUIDS" Gregory Warr, <i>The University of Sydney, Australia</i>	"CONONSOLVENCY OF WATER/METHANOL MIXTURES FOR PNIPAM AND PS-B-PNIPAM: PATHWAY OF AGGREGATE FORMATION INVESTIGATED USING TIME-RESOLVED SANS" Christine M. Papadakis, <i>Technische Universität München, Germany</i>	"THE COUNTERION DISTRIBUTION AROUND DNA STUDIED BY ASAXS" Gudrun Lotze, <i>ESRF, France</i>	"OBSERVATION OF TWINNING IN GOLD NANO-PARTICLES USING CORRELATED X-RAY SCATTERING (CXs)" Derek Mendez, <i>Stanford University, United States</i>	11:20		
11:40	"PHASE BEHAVIOR OF DENSE LYSOZYME SOLUTIONS" Julian Schulze, <i>TU Dortmund University, Germany</i>	"SAXS STUDY ON THE HIERARCHICALLY STRUCTURED NANOPARTICLES-CELLULOSE COMPOSITES: STRUCTURE AND INTERACTIONS" Christopher Garvey, <i>ANSTO, Australia</i>	"AMBIGUITY ASSESSMENT OF SMALL-ANGLE SCATTERING CURVES FROM MONODISPERSE SYSTEMS" Maxim Petoukhov, <i>European Molecular Biology Laboratory, Germany</i>	"POLARIZATION ANALYSIS IN NEUTRON SMALL ANGLE SCATTERING WITH A NOVEL TRIPLET DNP SPIN FILTER" Joachim Kohlbrecher, <i>Paul Scherrer Institut, Switzerland</i>	11:40		

Table cont'd

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12:00 – 19:00 UHR

12:00 – 13:30	Lunch Break Exhibition Area	12:00 – 13:30
12:15 – 13:15	Lunch Session 3: SAXS IN THE LAB, Xenocs Auditorium H0104	12:15 – 13:15
13:30 – 14:20	<b>PLENARY SESSION 4</b> “WHEN SPACE BECOMES TIGHT: FLUID-SOLID INTERACTIONS IN NANOCONFINEMENT PROBED BY SMALL-ANGLE SCATTERING” Oskar Paris, <i>Montanuniversität Leoben, Austria</i> Chair: Anton Plech / Auditorium H0104	13:30 – 14:20
14:20 – 14:30	Break	14:20 – 14:30
14:30 – 15:40	SAS Commission Meeting Auditorium H0104	14:30 – 15:40
16:00 – 19:00	Site Visits HZB Wannsee (Neutrons) / HZB Adlershof (X-rays) or Free Time (Please refer to page 14)	16:00 – 19:00

- The plenary session’s abstracts can be found on page 54.  
 All abstracts are available at [www.sas2015.org](http://www.sas2015.org)

HZB Wannsee  
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HZB Adlershof  
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