

THURSDAY, 17<sup>TH</sup> SEPTEMBER 2015

9:00 – 13:30 UHR

Exhibition Open: 09:30 – 14:00  
 Registration Desk Open: 08:00 – 18:00  
 Speaker Preview Room Open: 08:00 – 18:30  
 Poster Exhibition Open: 08:00 – 17:30

09:00 – 09:50		PLENARY SESSION 7			09:00 – 09:50	
		"HI-RESOLUTION, STRUCTURE, DYNAMICS, AND INTERACTIONS OF SUPRAMOLECULAR SELF-ASSEMBLIES" Uri Raviv, <i>The Hebrew University of Jerusalem</i> Chair: Dmitri Svergun / Auditorium H0104				
09:50 – 10:20		Coffee Break Exhibition Area			09:50 – 10:20	
10:20 – 12:00		ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	10:20 – 12:00
		Thu-C4: Colloids and Complex Fluids Chair: Andrei Petukhov / Room: H0110	Thu-F3: Functional and Hierarchical Materials Chair: Joachim Kohlbrecher / Room: H0104	Thu-S3: Structural Biology Chair: Uri Raviv / Room: H1058	Thu-T4: Instruments and Techniques Chair: Elliot Gilbert / Room: H1012	
10:20	"STRUCTURAL INVESTIGATIONS OF DETONATION NANODIAMONDS BY SMALL-ANGLE NEUTRON SCATTERING" Oleksandr Tomchuk, <i>Joint Institute for Nuclear Research, Russian Federation</i>	"HIERARCHICAL SOFT MATTER SYSTEMS: STRIPED VESICLES, CUBOSOMES AND HEXOSOMES" Liliana de Campo, <i>ANSTO, Australia</i>	"CORRELATION MAP: KNOWING THE DIFFERENCE" Daniel Franke, <i>EMBL, Germany</i>	"COHERENT X-RAY DIFFRACTION IMAGING AT THE ESRF BEAMLINE ID10: POSSIBILITIES AND CHALLENGES" Yuriy Chushkin, <i>European Synchrotron Radiation Facility, France</i>	10:20	
10:40	"ANALYSIS OF THE CRITICAL CASIMIR EFFECT IN BINARY LIQUID MIXTURES BY VERY SMALL ANGLE NEUTRON SCATTERING (V-SANS)" Guenter Goerigk, <i>Helmholtz-Zentrum Berlin, Germany</i>	"MEASUREMENT OF THE BURIED STRUCTURE OF BLOCK COPOLYMER LITHOGRAPHY PATTERNS USING RESONANT X-RAY SCATTERING" R. Joseph Kline, <i>National Institute of Standards and Technology, United States</i>	"SAXS INVESTIGATION OF VIMENTIN ASSEMBLY AND BUNDLING: CONTINUOUS AND SEGMENTED MICROFLUIDICS APPROACH" Oliva Saldanha, <i>Georg-August-University Göttingen, Germany</i>	"NEW METHODS FOR OPTIMISED HIGH THROUGHPUT AND HIGH QUALITY DATA ACQUISITION AT THE ESRF BIOSAXS BEAMLINE BM29" Martha Brennich, <i>European Synchrotron Radiation Facility, France</i>	10:40	
11:00	"NANOMETER-SIZE POLYOXOMETALATES ANIONS ADSORB STRONGLY ON NEUTRAL SOFT SURFACES" Olivier Diat, <i>ICSM, France</i>	"IN-SITU GISAXS INVESTIGATION OF ALUMINUM THIN FILM GROWTH ON NANOSTRUCTURED DIBLOCK POLYMER SUBSTRATES" Björn Beyersdorff, <i>DESY, Germany</i>	"MECHANISM OF FATTY ACID COMPLEXATION WITH PROTEINS STUDIED BY SMALL ANGLE X-RAY SCATTERING" Henrik Vinther Sørensen, <i>Aarhus University, Denmark</i>	"MC SIMULATION OF X-RAY TRANSPORT TO STUDY IN VIVO PROTEIN-PROTEIN INTERACTION FRACTIONS USING EMPIRICALLY-BASED CROSS SECTION DATA" Mina Choi, <i>University of Maryland College Park, United States</i>	11:00	
11:20	"SOME GLOBULAR PROTEINS UNFOLDES BY SDS CAN BE REFOLDED BY ADDITION ON NONIONIC SURFACTANTS: A SAXS STUDY" Jan Skov Pedersen, <i>Aarhus University, Denmark</i>	"IN-SITU SAXS AND X-RAY TRANSMISSION AS COMPLEMENTARY TOOLS TO STUDY ION ELECTROSORPTION IN CHARGED NANOCONFINEMENT" Christian Prehal, <i>Montanuniversität Leoben, Austria</i>	"INTERPRETATION OF SWAXS DATA BY EXPLICIT-SOLVENT MOLECULAR H-DYNAMICS" Jochen S. Hub, <i>Georg-August-University Göttingen, Germany</i>	"A NEW WORKING PLATFORM COMBINING RAMAN, X-RAY SCATTERING, X-RAY FLUORESCENCE AT BESSY II $\mu$ SPOT BEAMLINE FOR BIOLOGICAL MATERIALS" Admir Masic, <i>Max Planck Institute of Colloids and Interfaces, Germany</i>	11:20	
11:40	"SURFACTANT-FREE MICROEMULSIONS AS INTERFACELESS DICHOTOMIC SOLVENTS" Olivier Diat, <i>ICSM, France</i>	"ENTROPY DRIVEN TWO-DIMENSIONAL BINARY SUPERLATTICE OF A SWNT/ CYLINDRICAL-MICELLAR SYSTEM" Sung-Min Choi, <i>KAIST, Republic of Korea</i>	"AN APPROACH TO ESTIMATE RESOLUTION OF SAXS-BASED AB INITIO MODELS OF BIOLOGICAL MACROMOLECULES" Anne Tuukkanen, <i>EMBL, Germany</i>	"COMBINING SAXS AND CRYSTALLOGRAPHY TO BUILD INTUITION IN INTERACTION NETWORKS AND MACROMOLECULAR ENGINEERING" Greg Hura, <i>Lawrence Berkeley National Lab, U.S.A</i>	11:40	
12:00 – 13:30		Lunch Break Exhibition Area			12:00 – 13:30	

Table cont'd

# PROGRAMME

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Exhibition Open: 09:30 – 14:00  
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12:15 – 23:00 UHR

12:15 – 13:15	Lunch Session 5: Xenocs, ADVANCED DATA PROCESSING Auditorium H0104	12:15 – 13:15
13:30 – 15:00	<b>PLENARY SESSION 8</b> Chair: Michael Gradzielski / Auditorium H0104 <b>GUINIER PRIZE: LAUDATION</b> (Jill Trehwella – <i>IUCr</i> ) & <b>LECTURE</b> (Sow-Hsin Chen – <i>M.I.T.</i> ) <b>KRATKY PRIZE AWARD</b>	13:30 – 15:00
15:00 – 15:30	Coffee Break Exhibition Area	14:20 – 14:30
15:30 – 17:00	<b>HISTORY OF SAS: INTRODUCTION</b> (A. Hoell – <i>HZB, Germany</i> ) & <b>LECTURE</b> (Heinrich Stuhrmann) <b>PRESENTATION SAS 2018</b> (Randal E. Winans, Jan Ilavsky & Pete Jemian – <i>Argonne National Laboratory, U.S.A</i> ) Auditorium H0104	15:30 – 17:00
17:00 – 19:00	Free Time	17:00 – 19:00
19:00 – 23:00	Conference Dinner <i>TIPI am Kanzleramt</i> (Please refer to page 15)	19:00 – 23:00

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

The TIPI is located in the vicinity of the Bundestag (Foto) as well as other government buildings, e.g. Kanzleramt  
Foto: Fotolia@daskleineatelier

