



## Tuesday, September 26, 2017

09:00 a.m.	Welcome	Gerhard Murer (Anton Paar) Frank Uhlig (TU-Graz)
09:30 a.m.	JILL TREWHELLA / THE UNIVERSITY OF SYDNEY <i>“Small-Angle X-ray Scattering: an Effective Probe of Biomolecular Structure to Understanding Function”</i>	Chair: Otto Glatter
10:15 a.m.	MITSUHIRO SHIBAYAMA / THE UNIVERSITY OF TOKYO <i>“Probe-SAXS and Deformation Studies on Nano-composite gels with 2D-Pair Distribution Function Analysis”</i>	
11:00 a.m.	Coffee break	
11:30 a.m.	MICHAL HAMMEL / LAWRENCE BERKELEY NATIONAL LABORATORY <i>“X-ray solution scattering (SAXS) combined with crystallography and computation: defining accurate macromolecular structures, conformations and assemblies in solution”</i>	Chair: Tobias Madl
12:15 p.m.	ANDREAS THÜNEMANN / BUNDESANSTALT FÜR MATERIALFORSCHUNG UND –PRÜFUNG <i>„SAXS for the determination of the size distribution of nanoparticles: Application in catalysis”</i>	
01:00 p.m.	Lunch break	
02:00 p.m.	DETLEF SMILGIES / CORNELL SCHOOL OF CHEMICAL AND BIOMOLECULAR ENGINEERING <i>“In-situ Real-time Studies of Soft Materials Using GISAXS and GIWAXS”</i>	Chair: Matija Tomsic
02:45 p.m.	AMIN SADEGHPOUR / CENTER OF X-RAY ANALYTICS, DEPARTMENT OF MATERIALS MEET LIFE, EMPA <i>“Specific Features of 3-Dimensional Lipid Mesophases Revealed by Global Analysis of SAXS Data”</i>	
03:05 p.m.	CLAUDIA KÄSTNER / BUNDESANSTALT FÜR MATERIALFORSCHUNG UND –PRÜFUNG, BAM <i>“Creating the Silver Standard: Development of a Silver Nanoparticle Reference Material using SAXS”</i>	
03:30 p.m.	Coffee break	
04:00 p.m.	RAINER T. LECHNER / MONTANUNIVERSITÄT LEOBEN INSTITUTE OF PHYSICS <i>“In-situ Synchrotron SAXS and MC-simulations reveals crystal structure and orientation phases of 3D colloidal supercrystals”</i>	Chair: Michaela Flock
04:20 p.m.	BENEDETTA MARMIROLI / GRAZ UNIVERSITY OF TECHNOLOGY INSTITUTE OF INORGANIC CHEMISTRY <i>“Small Angle X-ray Scattering and Deep X-Ray Lithography for interdisciplinary research”</i>	
04:40 p.m.	KARIN SCHILLÉN / LUND UNIVERSITY DIVISION OF PHYSICAL CHEMISTRY <i>“Effects of the Bile Salt Sodium Glycodeoxycholate on the Self-Assembly of a PEO-PPO-PEO Triblock Copolymer in Aqueous Solution”</i>	
05:00 p.m.	Poster session	
06:30 p.m.	Dinner	



## Wednesday, September 27, 2017

09:00 a.m.	DMITRI SVERGUN / EMBL <i>"Small angle X-ray scattering on biomacromolecular solutions: current progress and perspectives"</i>	Chair: Oskar Paris
09:45 a.m.	TAKU OGURA / LION CORPORATION <i>"Industrial Applications of SAXS Techniques for Household and Personal-care products"</i>	
10:30 a.m.	OTTO GLATTER / GRAZ UNIVERSITY OF TECHNOLOGY; AUSTRIA <i>"From Dilute Solutions to Hierarchically Organized Dense Systems - Application of Scattering Methods in Soft Matter Science"</i>	
11:15 a.m.	Coffee break	
11:45 a.m.	GEORG PABST / UNIVERSITY OF GRAZ <i>"Structure and Interactions of Complex Biomembrane Mimetics"</i>	Chair: Karin Schillen
12:30 p.m.	TOBIAS MADL / MEDICAL UNIVERSITY OF GRAZ <i>"Integrating SAXS and Complementary Techniques for Structure Determination"</i>	
01:15 p.m.	Lunch break	
02:15 p.m.	HEINZ AMENITSCH / GRAZ UNIVERSITY OF TECHNOLOGY <i>"SAXS - opportunities for in situ and in-operando"</i>	Chair: Alexander Pichler
02:45 p.m.	DANIELLE HUTCHISON / OREGON STATE UNIVERSITY <i>"Good SWAXS(!) from molecular metal-oxo clusters"</i>	
03:05 p.m.	PENG ZHANG / INM-LEIBNIZ INSTITUTE OF NEW MATERIALS <i>"The Influence of Fluorination on the Structure of Phosphonium-based Ionic Liquid Crystal Studied by SAXS"</i>	
03:25 p.m.	End and farewell	
03:45 p.m.	Coffee break / Optional excursion to Anton Paar	