

Monday, 13 June 2016			
14 ⁰⁰ -19 ⁰⁰	Registration and Reception		
15 ⁰⁰ -15 ¹⁰	Opening Address		
15 ¹⁰ -15 ⁵⁰	L-01	Mariusz Jaskólski (AMU, Poznań, Poland)	Crystal pathologies in macromolecular crystallography, their detection and handling
15 ⁵⁰ -16 ³⁰	L-02	Anders Mikkelsen (Department of Physics, Lund University, Sweden)	Synchrotron based imaging and spectroscopy of nanostructures for electronics and photonics – growth, geometry and function
16 ³⁰ -17 ⁰⁰	Coffee Break		
17 ⁰⁰ -17 ⁴⁰	L-03	Armin Wagner (Diamond Light Source, Didcot, UK)	Long-wavelength macromolecular crystallography – MAD or SAD?
17 ⁴⁰ -18 ²⁰	L-04	Christian Pettenkofer (Helmholtz-Zentrum Berlin für Materialien und Energie GmbH, Germany)	Unusual observation of image potential states of nano sized Ag clusters, observed by direct photo emission
18 ²⁰ -18 ⁴⁰	O-01	Witold Gospodarczyk (Macromolecular Physics Department, Faculty of Physics, Adam Mickiewicz University, Poznan, Poland)	A role of microfluidic flow in amyloid aggregation of lysozyme and other proteins
19 ⁰⁰ -20 ⁰⁰	Dinner		
Tuesday, 14 June 2016			
8 ⁰⁰ -9 ⁰⁰	Registration and Reception		
Session A			
9 ⁰⁰ -9 ⁴⁰	L-05	Wojciech Roseker (Deutsches Elektronen-Synchrotron DESY, Hamburg, Germany)	Double pulse X-ray Photon Correlation spectroscopy using hard X-ray delay line
9 ⁴⁰ -10 ⁰⁰	O-02	Malgorzata Sowinska (Applied Physics and Sensors, BTU Cottbus-Senftenberg, Cottbus, Germany)	Atomic layer deposition of Al ₂ O ₃ on CH ₃ NH ₃ PbI ₃ for enhancement of perovskite solar cells stability
10 ⁰⁰ -10 ²⁰	O-03	Marcin Sikora (Academic Centre for Materials and Nanotechnology, AGH University of Science and Technology, Krakow, Poland)	Local structure of transition metal dopants into 3D topological insulators probed with angular dependent XAFS
10 ²⁰ -10 ⁴⁰	O-04	Dieter Schmeisser (Physics, BTU Cottbus-Senftenberg, Cottbus, Germany)	The Cu ₂ p-edge of superconducting BiSrCu-Oxides studied by resonant Photoelectron Spectroscopy

10 ⁴⁰ -11 ⁰⁰	O-05	Edyta Piskorska-Hommel (Division of Structural Research, Institute of Low Temperature and Structure Research, Polish Academy of Sciences, Wrocław, Poland)	EXAFS and DAFS from particles of phase in -Ti(Mo) single crystals
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-06	Marie-Emmanuelle Couprie (SOLEIL, France)	Towards compact short wavelength Free Electron Laser using laser plasma acceleration
12 ²⁰ -12 ⁴⁰	O-06	Mesfin Ayele (Institute of Optoelectronics, Military University of Technology, Warsaw, Poland)	Development and characterization of a compact laboratory laser-plasma soft X-ray source and its usage for contact microscopy
12 ⁴⁰ -13 ⁰⁰	O-07	Alfio Torrisi (Institute of Optoelectronics, Military University of Technology, Warsaw, Poland)	Development of EUV and SXR nanoscale imaging systems based on double stream gas puff target sources
Session B			
9 ⁰⁰ -9 ⁴⁰	L-07	Andrei V. Petukhov (Utrecht University, The Netherlands)	Structure and long-range-order in colloidal self-assembly
9 ⁴⁰ -10 ²⁰	L-08	Jan Dreiser (Swiss Light Source, Paul Scherrer Institut, Villigen PSI, Switzerland)	Molecular single-ion magnets: Harnessing molecule-surface interactions
10 ²⁰ -11 ⁰⁰	L-09	Jung Ho Je (Postech, Pohang, Korea)	X-ray imaging in interface dynamics
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-10	Czesław Kapusta (AGH University of Science and Technology, Kraków, Poland)	Study of oxide materials for energy applications with X-ray spectroscopies
12 ²⁰ -12 ⁴⁰	O-08	Joanna Kowalska (Molecular Theory and Spectroscopy, Max Planck Institute for Chemical Energy Conversion, Muelheim an der Ruhr, Germany)	Fe X-ray Absorption and X-ray Magnetic Circular Dichroism Studies on FeMo cofactor of Nitrogenase and Related Models
12 ⁴⁰ -13 ⁰⁰	O-09	Iwanna Jacyna (Institute of Physics, PAS, Warsaw, Poland)	Synchrotron radiation studies of ultrathin Pt/Co/Pt trilayers irradiated by nanosecond pulses from EUV plasma
13 ⁰⁰ -14 ²⁰	Lunch		
15 ⁰⁰ - 19 ⁰⁰	mountain excursion / integration activities		
19 ⁰⁰ -21 ⁰⁰	Barbecue		

Wednesday, 15 June 2016

Session A

9 ⁰⁰ -9 ⁴⁰	L-11	Andrzej Joachimiak (APS, USA)	Structural Biology Using Light Sources Helps Combat Infectious Diseases and Antibiotic Resistance
9 ⁴⁰ -10 ²⁰	L-12	Banaszak Michal (AMU, Poznań, Poland)	Monte Carlo structure factors for self-assembling polymers
10 ²⁰ -10 ⁴⁰	O-10	Tomasz Wasowicz (Department of Physics of Electronic Phenomena, Gdansk University of Technology, Gdansk, Poland)	Photo-induced fragmentation of biomolecules in the gas phase
10 ⁴⁰ -11 ⁰⁰	O-11	Monika Basiura-Cembala Institute of Textile Engineering and Polymer Materials, University of Bielsko-Biala, Poland	Polyamide 6 – the trouble with crystal polymorphism
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-13	Wojciech Rypniewski (Institute of Bioorganic Chemistry, PAS, Poznań, Poland)	Structural studies of chitinases from extremophiles
12 ²⁰ -12 ⁴⁰	O-12	Joanna Czapl-Masztafiak (SwissFEL, Paul Scherrer Institut, Villigen, Switzerland)	DNA UV-damage investigated by X-ray spectroscopy
12 ⁴⁰ -13 ⁰⁰	O-13	Anna Wolska Institute of Physics, Polish Academy of Sciences, Warsaw, Poland	XAFS study on the ultrathin Pt/Co/Pt trilayers modified with short light pulses

Session B

9 ⁰⁰ -9 ⁴⁰	L-14	Marcin Klepka (Institute of Physics Polish Academy of Sciences (Poland))	Structural studies of bioactive metallo-organic complexes using XAFS
9 ⁴⁰ -10 ²⁰	L-15	Grochulski Pawel (Canadian Light Source, Saskatoon, Canada)	Capabilities and Future Upgrades for Life Sciences at the CLS
10 ²⁰ -10 ⁴⁰	O-14	Michał Taube (Join Laboratory for SAXS Studies, Adam Mickiewicz University, Poznań, Poland)	Structural studies of Pseudomonas syringae effector protein HOPQ1 and its complex with plant 14-3-3 protein
10 ⁴⁰ -11 ⁰⁰	O-15	Jakub Szlachetko (SwissFEL, PSI, Villigen, Switzerland)	Establishing Nonlinearity Thresholds with Ultraintense X-ray Pulses
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-16	Marcello Coreno (Elettra, Trieste, Italy)	Photoionization of atoms molecules and clusters with novel XUV light sources

12 ²⁰ -12 ⁴⁰	O-16	Ismail Saber (Institute of Optoelectronics, Military University of Technology, Warsaw, Poland)	Study of photoionized plasmas emission spectra of atomic and molecular gases excited by intense EUV pulses
12 ⁴⁰ -13 ⁰⁰	O-17	Matthias Girod CERIC-ERIC, Basovizza, Italy	CERIC-ERIC, the new multi-technique research infrastructure for materials research in Central-Eastern Europe
13 ⁰⁰ -14 ²⁰	Lunch		
15 ⁰⁰ -15 ⁴⁰	L-17	Hiroimitsu Tomizawa (RIKEN, SPring-8 Center, Hyogo, Japan)	Status of the petawatt-class twin optical laser facility for the synergy experiments with XFEL (SACLA)
15 ⁴⁰ -16 ²⁰	L-18	Gawelda Wojciech (European XFEL, Hamburg, Germany)	Scientific opportunities and challenges for time-resolved studies using X-ray Free Electron Lasers
16 ²⁰ -16 ⁴⁰	O-18	Sergio Rodrigues (Xenocs, Sassenage, France)	Latest developments in laboratory SAXS/WAXS instruments
16 ⁴⁰ -17 ⁰⁰	O-19	Violeta Simic-Milosevic SPECS Surface Nano Analysis GmbH, Berlin, Germany	New developments in Near Ambient Pressure XPS –EnviroESCA, Small Spot and Imaging NAP-XPS Solutions
17 ⁰⁰ -17 ¹⁵	Coffee Break		
17 ¹⁵ -19 ⁰⁰	General Assembly of the Polish Synchrotron Radiation Society		
19 ⁰⁰ -20 ⁰⁰	Dinner		
20 ⁰⁰ - ...	Poster Session		

Thursday, 16 June 2016

9 ⁰⁰ -9 ⁴⁰	L-19	Thomas Tschentscher (European XFEL, Hamburg, Germany)	Preparing for first science experiments at European XFEL
9 ⁴⁰ -10 ²⁰	L-20	Yoshiharu Sakurai (Japan Synchrotron Radiation Research Institute, Spring-8, Japan)	Understanding a lithium ion battery using high-energy synchrotron X-rays
10 ²⁰ -11 ⁰⁰	L-21	Christopher Chantler (University of Melbourne, Australia)	The Hybrid XAS technique for dilute [1-10 mM] solutions at high accuracy
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-22	Koichi Matsuo (Hiroshima Synchrotron Radiation Center, Japan)	Structural analysis of biomolecules using synchrotron-radiation circular-dichroism spectroscopy
12 ²⁰ -13 ⁰⁰	L-23	Miguel Ángel García Aranda (ALBA Synchrotron, Barcelona, Spain)	Applied crystallography at ALBA synchrotron
13 ⁰⁰ -14 ²⁰	Lunch		
14 ²⁰ -19 ⁰⁰	Conference Excursion		

19 ⁰⁰ -22 ⁰⁰	Conference Dinner		
Friday, 17 June 2016			
9 ⁰⁰ -9 ⁴⁰	L-24	Manfred Rößle (Luebeck University of Applied Sciences, Germany)	High Brilliance SAXS on Synchrotrons – Applications and Trends
9 ⁴⁰ -10 ²⁰	L-25	Tobias Madl (Medizinische Universität Graz, Austria)	Integration of SAXS with Complementary Techniques for Structural Characterization of Large Biomolecular Complexes
10 ²⁰ -11 ⁰⁰	L-26	Augusto Marcelli (Laboratori Nazionali di Frascati dell'INFN, Italy)	A x-ray investigation of dust from Talos Dome ice Core (East Antarctica). Mineral dust iron geochemistry of the last 160 kyears
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-27	Adriana Wawrzyniak (Solaris National Synchrotron Radiation Centre, Jagiellonian University, Poland)	Solaris as a new class of low energy high brightness light source
12 ²⁰ -12 ⁴⁰	O-20	Marcin Zając (National Synchrotron Radiation Centre Solaris, Jagiellonian University, Kraków, Poland)	Status of the PEEM/XAS beamline at Solaris
12 ⁴⁰ -13 ⁰⁰	O-21	Karolina Szamota-Leandersson (National Synchrotron Radiation Centre SOLARIS, Jagiellonian University, Kraków, Poland)	Commissioning of ARPES beamline at the Polish National Synchrotron Solaris
13 ⁰⁰ -14 ²⁰	Lunch		
15 ⁰⁰ -15 ⁴⁰	L-28	Andrew Beale (UK Catalysis Hub@RCaH/UCL Chemistry)	Chemical imaging of functional materials under process
15 ⁴⁰ -16 ²⁰	L-29	Davide Ferri (Paul Scherrer Institut, Villigen, Switzerland)	Enhancing the sensitivity of X-ray based techniques by pulse experiments
16 ²⁰ -16 ⁵⁰	Coffee Break		
16 ⁵⁰ -17 ³⁰	L-30	Ewa Banachowicz (AMU, Poznań, Poland)	The protein structure by the combination of SAXS, light scattering and symulations
17 ³⁰ -18 ¹⁰	L-31	Bart Goderis (Department of Chemistry, KU Leuven, Belgium)	An in-situ synchrotron X-ray view on the crystallization of synthetic polymers for 3D printing under Fast Scanning Calorimetry conditions
18 ¹⁰ -18 ³⁰	O-22	Wojciech Błachucki (University of Fribourg, Department of Physics, Fribourg, Switzerland)	Self-absorption free HEROS method applied to a time-resolved study following oxidation of single site Ta catalysts

18 ³⁰ -18 ⁵⁰	O-23	Michał Nowakowski (Department of Applied Physics of Complex Systems, The Henryk Niewodniczański Institute of Nuclear Physics Polish Academy of Science, Kraków, Poland)	Determination of electronic structure of iron compounds using resonant X-ray emission spectroscopy
19 ⁰⁰ -20 ⁰⁰	Dinner		
Saturday, 18 June 2016			
9 ⁰⁰ -9 ⁴⁰	L-32	Angela Trapananti (CNR, Istituto Officina dei Materiali, Perugia, Italy)	Investigating the structure of liquid metals at extreme conditions by x-ray absorption spectroscopy
9 ⁴⁰ -10 ²⁰	L-33	Michael Hanfland (European Synchrotron Radiation Facility, Grenoble, France)	Crystallography at high pressures using synchrotron radiation
10 ²⁰ -10 ⁴⁰	O-24	Joanna Stępień (Department of Solid State Physics, AGH University of Science and Technology, Kraków, Poland)	Local atomic structure evolution around dopant ions in YSZ+Mn solid solution
10 ⁴⁰ -11 ⁰⁰	Coffee Break		
11 ⁰⁰ -11 ³⁰	Closing Remarks		
12 ⁰⁰ -13 ⁰⁰	Lunch		
13 ⁰⁰ -14 ⁰⁰	Return to.....		