

PROGRAMME

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	Crystal pathologies in macromolecular crystallography, their detection and handling
15 ⁵⁰ -16 ³⁰	L-02	Anders Mikkelsen	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	Long-wavelength macromolecular crystallography – MAD or SAD?
17 ⁴⁰ -18 ²⁰	L-04	Christian Pettenkofer	Unusual observation of image potential states of nanosized Ag clusters, observed by direct photo emission
18 ²⁰ -18 ⁴⁰	O-01	Witold Gospodarczyk	A role of microfluidic flow and gemini surfactants in amyloid aggregation of lysozyme and other proteins
19 ⁰⁰ -	Barbecue		
Tuesday, 14 June 2016			
8 ⁰⁰ -9 ⁰⁰	Registration and Reception		
Session A			
9 ⁰⁰ -9 ⁴⁰	L-05	Wojciech Roseker	Double pulse X-ray Photon Correlation spectroscopy using hard X-ray delay line
9 ⁴⁰ -10 ⁰⁰	O-02	Malgorzata Sowinska	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	Local structure of transition metal dopants into 3D topological insulators probed with angular dependent XAFS
10 ²⁰ -10 ⁴⁰	O-04	Dieter Schmeisser	The Cu2p-edge of superconducting BiSrCu-Oxides studied by resonant Photoelectron Spectroscopy
10 ⁴⁰ -11 ⁰⁰	O-05	Edyta Piskorska-Hommel	EXAFS and DAFS from particles of phase ω in β-Ti(Mo) single crystals
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-06	Marie-Emmanuelle Couprie	Towards compact short wavelength Free Electron Laser using laser plasma acceleration
12 ²⁰ -12 ⁴⁰	O-06	Mesfin Ayele	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	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	Structure and long-range-order in colloidal self-assembly
9 ⁴⁰ -10 ²⁰	L-08	Jan Dreiser	Molecular single-ion magnets: Harnessing molecule-surface interactions

10 ²⁰ -11 ⁰⁰	L-09	Jung Ho Je	Ultrafast/nanoscale dynamics studied by X-ray imaging
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-10	Czesław Kapusta	Study of oxide materials for energy applications with X-ray spectroscopies
12 ²⁰ -12 ⁴⁰	O-08	Joanna Kowalska	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	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	Excursion		
19 ⁰⁰ -20 ⁰⁰	Dinner		

Wednesday, 15 June 2016

Session A

9 ⁰⁰ -9 ⁴⁰	L-11	Andrzej Joachimiak	Structural Biology Using Light Sources Helps Combat Infectious Diseases and Antibiotic Resistance
9 ⁴⁰ -10 ²⁰	L-12	Banaszak Michal	Monte Carlo structure factors for self-assembling polymers
10 ²⁰ -10 ⁴⁰	O-10	Tomasz Wasowicz	Photo-induced fragmentation of biomolecules in the gas phase
10 ⁴⁰ -11 ⁰⁰	O-11	Monika Basiura-Cembala	Polyamide 6 – the trouble with crystal polymorphism
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-13	Wojciech Rypniewski	Structural studies of chitinases from extremophiles
12 ²⁰ -12 ⁴⁰	O-12	Joanna Czaplą-Masztafiak	DNA UV-damage investigated by X-ray spectroscopy
12 ⁴⁰ -13 ⁰⁰	O-13	Anna Wolska	XAFS study on the ultrathin Pt/Co/Pt trilayers modified with short light pulses

Session B

9 ⁰⁰ -9 ⁴⁰	L-14	Marcin Klepka	Structural studies of bioactive metallo-organic ligand complexes using XAFS
9 ⁴⁰ -10 ²⁰	L-15	Grochulski Pawel	Review of biological application facilities at the Canadian Light Source
10 ²⁰ -10 ⁴⁰	O-14	Michał Taube	Structural studies of <i>Pseudomonas syringae</i> effector protein HOPQ1 and its complex with plant 14-3-3 protein
10 ⁴⁰ -11 ⁰⁰	O-15	Jakub Szlachetko	Establishing nonlinearity thresholds with ultraintense X-ray pulses
11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-16	Marcello Coreno	Photoionization of atoms molecules and clusters with novel XUV light sources

12 ²⁰ -12 ⁴⁰	O-16	Ismail Saber	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, the new multi-technique research infrastructure for materials research in Central-Eastern Europe
13 ⁰⁰ -14 ²⁰	Lunch		
15 ⁰⁰ -15 ⁴⁰	L-17	Hiromitsu Tomizawa	Status of the petawatt-class twin optical laser facility for the synergy experiments with XFEL (SACLA)
15 ⁴⁰ -16 ²⁰	L-18	Wojciech Gawelda	Scientific opportunities and challenges for time-resolved studies using X-ray Free Electron Lasers
16 ²⁰ -16 ⁴⁰	O-18	Sergio Rodrigues	Latest developments in laboratory SAXS/WAXS instruments
16 ⁴⁰ -17 ⁰⁰	O-19	Violeta Simic-Milosevic	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	Preparing for first science experiments at European XFEL
9 ⁴⁰ -10 ²⁰	L-20	Yoshiharu Sakurai	Understanding a lithium ion battery using high-energy synchrotron X-rays
10 ²⁰ -11 ⁰⁰	L-21	Christopher Chantler	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	New developments in the structure analysis of biomolecules using synchrotron-radiation vacuum-ultraviolet circular dichroism
12 ²⁰ -13 ⁰⁰	L-23	Miguel Ángel García Aranda	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	High Brilliance SAXS on synchrotrons
9 ⁴⁰ -10 ²⁰	L-25	Tobias Madl	Integration of SAXS with Complementary Techniques for Structural Characterization of Large Biomolecular Complexes
10 ²⁰ -11 ⁰⁰	L-26	Augusto Marcelli	Mineral dust iron geochemistry of the last 160 kyears

11 ⁰⁰ -11 ⁴⁰	Coffee Break		
11 ⁴⁰ -12 ²⁰	L-27	Adriana Wawrzyniak	Solaris as a new class of low energy high brightness light source
12 ²⁰ -12 ⁴⁰	O-20	Marcin Zając	The status of the PEEM/XAS beamline at Solaris
12 ⁴⁰ -13 ⁰⁰	O-21	Karolina Szamota-Leandersson	Commissioning of ARPES beamline at the Polish National Synchrotron Solaris
13 ⁰⁰ -14 ²⁰	Lunch		
15 ⁰⁰ -15 ⁴⁰	L-28	Andrew Beale	Chemical imaging of functional materials under process conditions
15 ⁴⁰ -16 ²⁰	L-29	Davide Ferri	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	The protein structure by the combination of SAXS, light scattering and simulations
17 ³⁰ -18 ¹⁰	L-31	Bart Goderis	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	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	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	Investigating the structure of liquid metals at extreme conditions by X-ray absorption spectroscopy
9 ⁴⁰ -10 ²⁰	L-33	Michael Hanfland	Crystallography at high pressures using synchrotron radiation
10 ²⁰ -10 ⁴⁰	O-24	Joanna Stępień	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.....		