Sunday 11 June	
15:00 – 16:00	Registration (Location: Lunds standshallen)
16:00 - 17:30	Reception (Location: Lunds standshallen)

Monday 12 June	
09:00 - 09:30	Thomas Grant (University of Buffalo, USA) Ab initio electron density determination directly from solution scattering data, applications to drug discovery
09:30 - 10:00	Kartik Ayyer (MPI Hamburg, Germany) Machine learning to handle conformational heterogeneity in coherent imaging
10:00 - 10:30	Coffee
10:30 - 10:55	Eugene KRISSINEL (CCP4, UK), Structure Determination Online with CCP4 Cloud
10:55 - 11:20	Archana JADHAV, Archana (DLS, UK), A high-resolution correlative light and X-ray 3D cryo-imaging platform for cells and tissue at near-native physiological conditions
11:20 - 11:40	Yao-Chang LEE, (National Synchrotron Radiation Research Center, Taiwan) Medical application by using wax physisorption kinetics and Fourier transform infrared spectral imaging
11:40 - 12:00	Kunal SHARMA, (Lund University, Sweden) Multimodal characterization of heterotopic ossification during Achilles tendon healing in a rat animal model
12:00 - 13:00	Lunch
13:00 - 13:30	Connie Darmanin (La Trobe, Melbourne) Studies of Toll-like receptors using electron diffraction and FELS
13:30 - 14:00	Vadim Cherezov (University of Southern California, USA), Understanding GCPRs and their complexes
14:00 - 14:20	Jaehyun PARK, (Pohang Accelerator Laboratory, South Korea) Approaches to study biological systems at PAL-XFEL
14:20 - 14:40	Tobias KROJER, (MAX IV, Sweden) The FragMAX facility for structure-based drug discovery at MAX IV Laboratory
14:40- 15:00	Francesca SIRACUSA, (DTU, Denmark) Time-resolved phase contrast µCT measurements of nanoparticle transport in living plants.
15:00 - 15:15	Coffee
15:15 - 16:00	**Stephen Burley (Rutgers University, New Brunswick, USA) “Beyond the 50 years of the PDB”**
16:00 - 16:20	Peter GAAL, (TXproducts UG) WaveGate X-Ray Chopper for Synchrotron-Based Time-Resolved Serial Crystallography using the Hadamard Transform
16:20 - 18:00	Poster Session

as of 8 June 2023

Tuesday 13 June	
09:00 - 09:30	Alexandra Pacureanu (ESRF, Grenoble, France) 3D synchrotron studies of the brain
09:30 - 10:00	Atsushi Momose (Tohoku University, Japan) Synchrotron Radiation Phase Imaging/Tomography Based on Grating Interferometry
10:00 - 10:30	Coffee
10:30 - 11:00	Marianne Liebi (Chalmers, Gothenburg, Sweden) SAXS tensor tomography in biomedical applications
11:00 - 11:30	Tim Salditt (Georg August University, Göttingen, Germany) Advances in 3-D imaging for bio-medical applications at modern synchrotrons
11:30 - 12:00	Colin NAVE, (Diamond Light Source, UK) Coherent Hard X-ray Bio-imaging at Diamond & Diamond II.
12:00 - 13:00	Lunch
13:00 - 13:30	Holger Stark (MAX Planck Institute, Göttingen, Germany) Structural insights into the spliceosome
13:30 - 14:00	Andrey Kovalevsky (ORNL, Oakridge, USA) Combined X-ray & neutron crystallography for drug design purposes
14:00 - 14:30	Britt Hedman (SLAC, Stanford, USA) Probing enzyme reaction mechanisms with XAS
14:30 - 15:00	Joanna CZAPLA-MASZTAFIAK, Complementary use of synchrotron and laboratory X-ray sources to study metal-based complexes in biological systems
15:00 - 15:30	Coffee
15:30 - 15:55	Oxana KLEMENTIEVA, (Lund University, Sweden) Correlative imaging to resolve molecular structures in individual cells
15:55 - 16:20	Andre CONCEICAO, (Deutsches Elektronen-Synchrotron DESY, Germany) Breast cancer metastasis progress based on the 3D collagen fibril orientation map
16:20 - 16:40	Margaux SCHMELTZ, (PSI, Switzerland) The human middle ear in motion: visualization and movement quantification using dynamic synchrotron-based X-ray microtomography
16:40 - 17:00	Irene RODRIGUEZ FERNANDEZ, (PSI, Switzerland) X-ray scattering methods to image bone healing around bio-resorbable implants RODRIGUEZ FERNANDEZ, Irene (Paul Scherrer Institut)
17:00 - 17:30	Travel to MAX IV
17.30 - end	MAX IV Visit

as of 8 June 2023

Wednesday 14 June	
09:00 - 09:30	Aina Cohen (SLAC, Stanford, USA) Developments for macromolecular crystallography at the LCLS and SSRL
09:30 - 10:00	Helena Käck (Astra Zeneca, Mölndal, Sweden) Synchrotron and FEL studies for drug discovery: an industrial perspective
10:00 - 10:30	Coffee
10:30 – 10:55	Susan Nehzati (University of Saskatchewan, Sasketoon, Canada, MAX IV LU) Metals and human disease
10:55 - 11:20	Wojciech POTRZEBOWSKI (ESS, Sweden) Towards building and disseminating comprehensive publication guidelines for biomolecular small-angle scattering in an e-learning format
11:30 - 11:55	Isabella SILVA BARRETO (Lund University, Sweden) Micro- and nanostructure specific X-ray tomography to study collagen regeneration during tendon healing
11:55 - 12:45	Lunch
12:45 - 13:30	**Ian Wilson (Scripps Research Institute, La Jolla, USA) "Synchrotrons and Virus Research"**
13:30 - 14:00	Clement Blanchet (EMBL-Hamburg, Germany) Role of BioSAXS in the fight against coronavirus: from viral protein characterization to vaccine development.
14:00 - 14:30	Maximilian Ackermann (Johannes Gutenberg University Mainz, Germany) COVID19 – 3D imaging for deciphering the pathology of a global pandemic
14:30 - 15:00	Daniel ERIKSSON, (Australia) MX3: A new macromolecular crystallography beamline at the Australian Synchrotron
15:00 - 15:30	Coffee
15:30 - 16:00	Jill Trewella (University of Sydney, Sydney, Australia) Importance of validation in SAXS/SANS
16:00 - 16:25	Juan Sanchez Weatherby, (Diamond Light Source, UK) Routine room temperature protein structure determination in situ at Diamond beamline VMXi: current status and recent developments
16:25 - 16:50	Janina SPRENGER, (Deutsches Elektronen Synchroton) SARS-CoV-2 Methyltransferase ligand screening and peptide inhibitors
16:45 - 17:00	Closing remarks

as of 8 June 2023