

Time	Day 3 03 December 2024 Tuesday				
0730-0830	Registration				
0830-0900	Opening Ceremony @ CH2				
0900-0945	MS1-I Plenary Unravelling Copper Trafficking in Mitochondria – A Structural Biology Perspective Megan Maher				
0945-1015	Tea Break / Exhibition / Poster Viewing				
	Venue: CH2	Venue: CH3		Venue: MR305	
1015-1045	MS1-I Keynote Structural Biology of Viruses and Capsid Assembly Chun-Jung Chen	MS2-I Keynote Adventures in Natural Product Crystallography Ian D Williams		MS3-IV Keynote Self-Assembly of Monodisperse Nanosheets into Columnar Nanofibers Nobuyoshi Miyamoto	
1045-1105	MS1-I Invited Speaker X-Ray and CryoEM Structures of the Cell Division Protein FtsZ Hiro Yoshi Matsumura	1045-1100	MS2-I 2D-Polymeric Structure and Hirshfeld Surface Analysis Studies of Dicyanamide-Bridge Complexes of UMCC-6 and UMCC-7 Husni Waihyu Wijaya	MS3-IV Pair Distribution Function via Total Scattering Measurement Using "SmartLab" Diffractometer Yuji Shiramata	
1105-1120	MS1-I Ferritin-Mediated Anticancer Drugs Delivery: Crystallographic, Analytical and Cytotoxicity Studies Giarita Ferraro	1100-1115	MS2-I Molecular Crystalline Host Systems Based on Indandene π Dimers: Structures and Properties Yumi Yakiyama	MS3-IV In-Operando Battery Cell and In-Situ Reaction Investigations in Transmission Geometry Laura Christina Folkers	
1120-1135	MS1-I Integrative Structural Biology Approach to Study Structure and Function of Bacterial Flagellar Motor Anna Roujeinikova	1115-1130	MS2-I Protein Metalation by V-based Drugs: Structural Studies Antonello Merlino	MS3-IV Keeping Cool Under Pressure: A Low-Temperature High-Pressure Diamond Anvil Cell for Single-Crystal X-Ray Diffraction Aston Summers	
1135-1150	MS1-I Drug-Induced Intersubunit Rotation is a Key Factor for Stop-Codon Read-Through Enhancement Albert Guskov	1130-1145	MS2-I Impact of Sm3+ Doping on The Structural, Morphological, and Magnetic Properties of Sol-Gel Synthesized Mg-Cu-Zn Ferrite Mohammad Mizanur Rahman	MS3-IV Rattling of Ag Atoms Found in Low Temperature Phase of Thermoelectric Agrydrite Ag8Sn5e6 Seiya Takahashi	
1150-1205	MS1-I The Structure of the Rat Vitamin B12 Transporter TC and Its Complex with Glutathionylcobalamin Marcel Bokhove	1145-1200	MS2-I Breaking Barriers in Single Crystal X-Ray Diffraction: Next Generation Microfocus X-ray Source & High-Temperature Set Up Prathapa Sriyara Jagannatha	MS3-IV HTK 1500 High-Temperature Chamber, the New Environmental Heater for Non-Ambient X-Ray Diffraction for Crystallographic Investigations of Materials at Very High Temperatures Benedikt Schrode	
1205-1220	MS1-I Insights into the Molecular Recognition Mechanism of a Headless Lipid by Natural Killer T Cells Praveena Thirunavukkarasu	1200-1215	MS2-I Sulfide Containing Silver Nanoclusters Protected by 3-Aminopropanethiolato Rhodium(III) Metalloligands Zi Lang Goo	MS3-IV Domain Resolved Multiscale Structure Analysis of LaAlO3 Perovskite Eiji Nishibori	
1220-1235	Jan Petersen	1215-1230	MS2-I Polynuclear Te-Group 6 (Mo, W)-CO Clusters and Their Oxidized or Coinage Metal-Inserted Products: Syntheses, Structures, and Semiconductivities Yu-Huei Li	MS3-IV Characterization of sSolvent and Ligand Effects on the Phase Transition Behaviors of Pyridine Based Iron Complexes I-Jui Hsu	
1235-1345	Lunch / Exhibition / Poster Viewing				
	Venue: CH2	Venue: CH3		Venue: MR305	
1345-1415	MS1-II Keynote Structure-Guided Discovery of Inhibition Activeites of Nucleotides Against Class C Beta-Lactamases Sun-Shin Cha	MS2-II Keynote Multi-Mode Luminescence Mechanisms and Applications of MOF Systems Mei Pan		MS3-II Keynote Three-Dimensional Molecular Movies of Structural Changes in Proteins Captured by X-Ray Free Electron Lasers Eriko Nango	
1415-1430	MS1-II DNA-Protein Recognition by Short Anchoring Elements Xiao-Dong Su	1415-1435	MS2-II Invited Speaker Exploring the Impact of Structural and Chemical Properties on Photocatalytic Hydrogen Production in Metal-Organic Frameworks Sareeya Bureekaew	1415-1435	MS3-II Invited Speaker Research Opportunities for Biology at PAL-XFEL Jaehyun Park
1430-1445	MS1-I Molecular Mechanism of Immunoglobulins Junyu Xiao	1435-1455	MS2-II Invited Speaker Porous Coordination Materials for Electrocatalytic Synthesis of Organonitrogen Guangqin Li	1435-1455	MS3-V Invited Speaker Application of Molecular Dynamics for Neutron Scattering Experiments Pablo Galaviz
1445-1500	MS1-II Binding and Structural Studies of the Complexes of Type 1 Ribosome Inactivating Protein from Momordica Balsamina with Uracil and Uridine Sada Nand Pandey	1455-1510	MS2-II MOFs Beyond MOFs Masaki Kawano	1455-1510	MS3-V Experimental Estimation of Statistical Errors in Powder Diffraction Data by Using a Semiconductor Strip Type X-Ray Detector Takashi Ida
1500-1515	MS1-II New Evidence in Human Innate Immune Signalling: dsDNA Binding by the TIR Domain of the MyD88 Adaptor Protein Zannati Ferdous Zaoti	1510-1530	MS2-II Invited Speaker Crystal Engineering of Dynamic, 2-Periodic MOFs as Hosts for Included Solvents, Gases and Water Vapour Clive Oliver	1510-1525	MS3-V ImitateDb, a Resource for Discovery of Pathogen Mimicry Peptides Sonika Bhatnagar
1515-1530	MS1-II Structural Basis for the Molecular Mechanisms of C-to-U mRNA Editing in Plant Organelles Ryota Urushihara	1530-1545	MS2-II Colorimetric Decoder Embedded in Metal-Organic Framework Sensor for Optical Identification of Acid Vapors Jin Yeong Kim	1525-1540	MS3-V In Silico Structural Modelling and Mechanistic Insights of the Alpha Kinase (EIF2AK3) Mediated Translation Regulation Pavan Kumar Madasu
1530-1545	MS1-II A PPR Protein-Based FRET Sensor for RNA Charlie Bond	1545-1600	MS2-II Tricks to Obtain the Best Structural Information of Challenging MOF/MOC Samples with SC-XRD Zhenyi Zhang	1540-1555	MS3-V DFT + U Study of the Properties of Tungsten Trioxide, Tungsten Bronzes & Related System Biplob Deb
1545-1630	Sponsor's Session by Thermo Fisher Scientific New Applications in Cryo Electron Microscopy: From Basic to Translational Science for Therapeutic Discovery and Global Strategies Eric F. Chen				
1630-1645	Tea Break / Exhibition / Poster Viewing				
1645-1800	Poster Judging MS1-I, MS1-II, MS2-I, MS2-II, MS3-I, MS3-II				
End					