Time	Day 3 03 December 2024 Tuesday					
0730-0830	Registration					
0830-0900	Opening Ceremony @ CH2 National Anthem Prayer Recitation ***Mr Mohammad Fadzlee Ngatiman*** Welcome Message by AsCA 2024 Organising Chair ***Assoc Prof Dr Siti Nadiah Abdul Halim*** Welcome Message by AsCA President ***Prof Genji Kurisu*** Opening Message by Guest of Honour ***Prof Dr Noorsaadah Abd Rahman FASc*** Cultural Dance					
0900-0945	MS1-I Plenary Moderator: Rio Hirata Unravelling Copper Trafficking in Mitochondria – A Structural Biology Perspective ***Megan Maher***					
0945-1015	Tea Break / Exhibition / Poster Viewing					
1015-1045	**Venue: CH2** Moderator: Mohd Shukuri Mohamad Ali MS1-I Keynote Structural Biology of Viruses and Capsid Assembly ***Chun-Jung Chen***	**Venue: CH3** Moderator: Eunji Lee MS2-I Keynote Adventures in Natural Product Crystallography ***Ian D Williams***		**Venue: MR305** Moderator: Amalina Mohd Tajuddin 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 ***Hiroyoshi Matsumura***	1045-1100	MS2-I 2D-Polymeric Structure and Hirshfeld Surface Analysis Studies of Dicyanamide-Bridge Complexes of UMCC-6 and UMCC-7 ***Husni Wahyu Wijaya***	1045-1100	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 Indanedione Dimers: Structures and Properties ***Yumi Yakiyama***	1100-1115	MS3-IV In-Operando Battery Cell and In-Situ Reaction Investigations in Transmission Geometry ***Laura Christina Folkers***	
1120-1135	MS1-I Drug-Induced Intersubunit Rotation is a Key Factor for Stop-Codon Read-Through Enhancement ***Albert Guskov***	1115-1130	MS2-I Protein Metalation by V-based Drugs: Structural Studies ***Antonello Merlino***	1115-1130	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 The Structure of the Rat Vitamin B12 Transporter TC and Its Complex with Glutathionylcobalamin ***Marcel Bokhove***	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***	1130-1145	MS3-IV Rattling of Ag Atoms Found in Low Temperature Phase of Thermoelectric Argyrodite Ag8SnSe6 ***Seiya Takahashi***	
1150-1205	MS1-I Insights into the Molecular Recognition Mechanism of a Headless Lipid by Natural Killer T Cells ***Praveena Thirunavukkarasu***	1145-1200	MS2-I Breaking Barriers in Single Crystal X-Ray Diffraction: Next Generation Microfocus X-ray Source & High-Temperature Set Up ***Prathapa Siriyara Jagannatha***	1145-1200	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***	
1205-1225	MS1-I Invited Speaker LAG-3 Mediated Regulation of Cellular Immunity ***Jan Petersen***	1200-1215	MS2-I Sulfide Containing Silver Nanoclusters Protected by 3-Aminopropanethiolato Rhodium(III) Metalloligands ***Zi Lang Goo***	1200-1215	MS3-IV Domain Resolved Multiscale Structure Analysis of LaAlO3 Perovskite ***Eiji Nishibori***	
		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***	1215-1230	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					
1345-1415	**Venue: CH2** Moderator: Dina Binti Muhd Noor MS1-II Keynote An archaeal transcription factor EnfR with a novel 'eighth note' fold controls hydrogen production of a hyperthermophilic archaeon Thermococcus onnurineus NA1 ***Sun-Shin Cha***	**Venue: CH3** Moderator: Mohamed Ibrahim Mohamed Tahir MS2-II Keynote Multi-Mode Luminescence Mechanisms and Applications of MOF Systems ***Mei Pan***		**Venue: MR305** Moderator: Alan Tan Sang Loon 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 In Silico Structural Modelling and Mechanistic Insights of the Alpha Kinase (EIF2AK3) Mediated Translation Regulation ***Pavan Kumar Madasu***	
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 DFT + U Study of the Properties of Tungsten Trioxide, Tungsten Bronzes & Related System ***Biplob Deb***	
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***			
1545-1630	Sponsor's Session by Thermo Fisher Scientific Moderator: Mohammad Fadzlee Ngatiman 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					