

Time	Day 5 05 December 2024 Thursday		
0730-0800	Registration		
	Rising Star @ CH2		
0800-0815	<p>MS3-III Charge Density Refinement on 3D Electron Diffraction Data for Organic Crystals Anil Kumar</p>		
0815-0830	<p>MS2-II Atomic Resolution Structure Analysis Inside a MOF with Adaptable Water Networks Yuki Wada</p>		
0830-0845	<p>MS1-V Exploiting Cancers Metabolism: A Structural Focus on Malic Enzyme Inhibitors Ben Krinkel</p>		
0845-0900	<p>MS2-VI Self-Assembly of Tripeptides into Rigid Supramolecular Materials Hema Kuntrapakam</p>		
0900-0915	<p>MS2-II Up-Down Approach for Expanding the Chemical Space of Metal-Organic Frameworks Jiyeon Kim</p>		
0915-0930	<p>MS1-V Structural and Biophysical Properties of Therapeutically Important Proteins Rv1509 and Rv2231A of Mycobacterium Tuberculosis Nilisha Rastogi</p>		
0930-0945	<p>MS3-VI Nanoparticle - Assisted Protein Crystal Growth: Novel Techniques for Optimized Crystallization Salma Sultana Syed</p>		
0945-1000	<p>MS2-V Modulation of Stimuli Responsive Dynamic Effects in Crystalline Coordination Polymers: A Crystal Engineering Approach Bibhuti Bhusan Rath</p>		
1000-1030	Tea Break / Exhibition / Poster Viewing		
	Venue: CH2	Venue: CH3	Venue: MR305
1030-1100	<p>MS1-V Keynote Antibiotics Discovery Based on Structural Information of Toxin-Antitoxin System of Pathogenic Bacteria Bong-Jin Lee</p>	<p>MS2-IV Keynote Electrically Conductive Metal-Organic Framework Thin Films Sarah Sunah Park</p>	<p>MS3-III Invited Speaker Tomography Studies of the Dengue Fusion Process Shee Mei Lok</p>
1100-1120	<p>MS1-V Invited Speaker A Bacterial Cell-Wall Component Induces Extensive Electrostatic Remodeling and 20,000-Fold Activation in an Antibiotic Discovery Target from Pseudomonas Kurt Krause</p>	<p>1100-1115 MS2-IV Promoting High-Voltage Stability Through Local Lattice Distortion of Halide Solid Electrolytes Hua Yang</p>	<p>1050-1105 MS3-III Measuring the Unmeasurable: Getting Structures from Nano-Crystals with the XtaLAB Synergy-ED Christian Goeb</p>
1120-1135	<p>MS1-V Unveiling the Dynamics of Archaeal DIMT1 rRNA Methyltransferase Essential for Efficient Catalysis Sayan Saha</p>	<p>1115-1130 MS2-IV Structure and Phase Transitions in Niobium Doped Na_{1/3}La_{1/3}Sr_{1/3}ZrO₃ Perovskite-Type Sodium-Ion Conductors Siegbert Schmid</p>	<p>1105-1120 MS3-III Structure Detail Studies by 3D ED Junliang Sun</p>
1135-1150	<p>MS1-V Crystal Structures of Polymerase Eta-Ligand Complexes for Drug Discovery Debanu Das</p>	<p>1130-1145 MS2-IV Growth of L-Asparagine Monohydrate Organic Single Crystal for Nonlinear Optical Applications: An Experimental and Theoretical Investigation Jiban Podder</p>	<p>1120-1135 MS3-III Atomic Ionisation Determined by Dynamical Multipole Refinement Against 3D Electron Diffraction Data Ashwin Suresh</p>
1150-1205	<p>MS1-V Structural and Functional Insights into DsbA Substrate Binding Mode Diversity Taylor Cunliffe</p>	<p>1145-1200 MS2-IV Structural, Magnetic and Magnetocaloric Properties of [La]_{0.7}[Ba]_{0.3-x}[Sr]_x[MnO]₃ Muhammad Samir Ullah</p>	<p>1135-1150 MS3-III Capturing Filamentous Protein Complexes of TR Domains by Using "Small Molecule Glues" Sulin Li</p>
1205-1220	<p>MS1-V Structural Analysis and Inhibition of Thymidine Kinase From the Multi-Drug Resistant Strain of Staphylococcus Aureus Anam Ashraf</p>	<p>1200-1215 MS2-IV Design of High-Performance Defective Graphite-Type Anodes for Sodium-Ion Batteries Wang Hay Kan</p>	<p>1150-1205 MS3-III B-DNA Crystal Structure Determined by Electron Diffraction Zhipu Luo</p>
1220-1235	<p>MS1-V Structural Basis of Potent Inhibition of the Cancer-Promoting DNA-Mutating Enzyme APOBEC3A Geoffrey Jameson</p>	<p>1215-1230 MS2-IV Structural and Optical Investigation of Undoped and Sm³⁺ Doped Na₄Mg(WO₄)₃ Nanophosphors as an Efficient Photoluminescent Material Kamni Pathania</p>	
1235-1250	<p>MS1-V Structural and Functional Attributes Among the Leptospiral Outer Surface Multi-Domains Protein Mohd. Akif</p>	<p>1230-1245 MS2-IV Controlling the Mechanochromic Luminescence of Organic Crystals Composed of Substituted Benzothiadiazole Derivatives Suguru Ito</p>	
1250-1305	<p>MS1-V Unraveling the Versatility of Polyethylene Glycol on the Regulation of Falcipain 2 Activity Sampa Biswas</p>	<p>1245-1300 MS2-IV Strain-Induced Phase Transformation in Zr-doped HfO₂ Thin Films Pin-Jun Wu</p>	
1305-1400	AsCA EC Meeting (by invitation only)	Lunch / Exhibition / Poster Viewing	
1400-1445	<p>MS2 Plenary Proton-Electron Coupled Functionalities in Molecular Crystals Hatsumi Mori</p>		
	Venue: CH2	Venue: CH3	Venue: MR305
1445-1515	<p>MS1-VI Keynote See the Taste - Structures of Taste Receptors and Their Biological Relevance Atsuko Yamashita</p>	<p>MS2-V Keynote On the Ab Initio Engineering of the Mechanical and Optoelectronic Properties of Molecular Crystals Using Modern Atomistic and Machine Learning Methods Sharmarke Mohamed</p>	<p>MS3-V Keynote Up-Down Approach: Data-Driven Search Algorithm for Discovery of Synthesizable Metal-Organic Frameworks Wonyoung Choe</p>
1515-1530	<p>MS1-VI Scribble Scrambles Parathyroid Hormone Receptor Interactions to Regulate Phosphate and Vitamin D Homeostasis Bryce Stewart</p>	<p>MS2-V Exploring Solid State Diversity in Chlorpropamide Anila M Menon</p>	<p>MS3-V Introduction of the Capsules Environment to Support Further Growth of the SBGrid Structural Biology Software Collection Thomas Nicholson</p>
1530-1545	<p>MS1-VI Crystal Structure of Mosquito Tyrosylprotein Sulfotransferase Mariko Kondo</p>	<p>MS2-V Design of Multicomponent Piperine Crystals by Crystal Engineering and Structure-Dissolution Correlation Hidehiro Uekusa</p>	<p>MS3-V Application of the Powder Diffraction File™ in Materials Characterization Soorya Kabekkodu</p>
1545-1600	<p>MS1-VI Crystal Structure of Arabidopsis Thaliana Sulfotransferase SOT18 Involved in Glucosinolate Biosynthesis Rio Hirata</p>	<p>MS2-V Co-Crystals and Salts of Antifolate and Antibacterial Drug Trimethoprim and Sulfamethazine with Heterocyclic Co Formers Sathishkumar Ranganathan</p>	<p>MS3-V AUSPEX: A Tool for Macromolecular Crystallographic Data Pathology - Combining Crystallographic Statistics and Modern Machine Learning Yunyun Gao</p>
1600-1615	<p>MS1-VI Keynote Structural Basis of Amyloid Aggregation in Neurodegenerative Diseases Cong Liu</p>	<p>MS2-V Tuning the Properties of Lanreotide via Crystal Engineering Shuai Wang</p>	<p>MS3-V Finding N-Supercells and "1/N" Supercells with Desirable Shape Yoyo Hinuma</p>
1615-1630		<p>MS2-V To Cocrystallize or Not? Importance of Heterosynthon Strength in 11-Azaarteiminin Cocrystals with Salicylic and Benzoic Acids Keyao Li</p>	
1630-1645	Tea Break / Exhibition / Poster Viewing		
1645-1730	<p>Poster Judging MS1-V, MS1-VI, MS2-V, MS2-VI, MS3-V, MS3-VI</p>		
1830-2000	<p>Conference Dinner (only for those who have purchased ticket)</p>		
	End		