

Forum Schedule

Nov. 22, 2025			
Venue 1: Aggregation Process and Mechanism			MMW _ 704
Time	Program	Speaker	Chair
08:50-09:10	Aggregation Induced Emission of Copper Nanoclusters in Different Hosts	Andrey L. Rogach	Zhen Li
09:10-09:30	Total Synthesis of Metallic Molecules	Jianping Xie	
09:30-09:50	Engineering Two-Dimensional Materials Through Chemical Vapor Deposition	Zhengtang Luo	
09:50-10:10	Development of Precise Synthesis for Inorganic 1 nm Sized Materials	Tetsuya Kambe	
10:10-10:30	Emergence of Optical Properties in Molecular Materials - Aggregation-Induced Emission and Through-Space Interactions	Lluís Blancafort	
Coffee Break			
10:45-11:05	From Single Molecules to Molecular Aggregates	Zhen Li	Jianping Xie
11:05-11:25	A New Era of Controlled Aggregates: Self-Assembly of Amphiphilic Random Copolymers	Takaya Terashima	
11:25-11:45	Principles of AIE: Up-to-date Knowledge and New Horizons for Materials Science	Gen-ichi Konishi	
11:45-12:05	Altering Noncovalent Interactions in Aggregates to Tune Fluorescence and Ionic Conductivity	Paul R. McGonigal	
12:05-12:25	Development for New AIEgens Based on Hypervalent Complexes	Kazuo Tanaka	
Lunch			
14:00-14:20	Time-Resolved Studies of Selected AIE Systems	David Lee Phillips	Paul R. McGonigal
14:20-14:40	Rational Design of Organic Fluorophores Highly Emissive in Both Molecularly Dispersed and Aggregated States	Tsuneaki Sakurai	
14:40-15:00	OPA Polymerization and Aapplication	Xuechen Li	
15:00-15:20	Organic Luminophores Based on Through-Space Conjugation	Haoke Zhang	



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Venue 2: Advanced Applications of Aggregate Science			MMW _ 706
Time	Program	Speaker	Chair
08:30-08:50	Molecular Toolkits Development towards Precision Theranostics	Bengang Xing	Andrea Pucci
08:50-09:10	Phase-Separated Molecular Coacervates for Cytosolic Delivery and Disease Treatment	Jiang Xia	
09:10-09:30	Enhance Bioimaging Clarity with the Synergy of Aggregation-Induced Emission and Nonlinear Optics	Tzu-Ming Liu	
09:30-09:50	Photores Ponsive Nanoassemblies for the Treatment of Cancer and Eye Disease	Weiping Wang	
09:50-10:10	The Entangled Roles of Motion Restriction and Aggregation: Spectroscopic Challenges in Dye–Nucleic Acid Binding Equilibria Analysis	Tarita Biver	
10:10-10:30	Developing Fluorescent Probes for Biological Applications	Hongyan Sun	
Coffee Break			
10:45-11:05	Roadmap Towards Single Crystals of Covalent Organic Polymers / Frameworks	Qichun Zhang	Ye Chen
11:05-11:25	Unraveling the Light of Aggregation: From Energy Harvesting to Smart Responsive Polymers	Andrea Pucci	
11:25-11:45	Molecular Interfaces for CO2 Reduction	Ruquan Ye	
11:45-12:05	Nanoclusters as Catalysts for Energy Conversion	Megalamane Bootharaju	
12:05-12:25	Preparation and Properties of 2D Ordered Crystalline Polymer Films	Wenjing Tian	
Lunch			
14:00-14:20	Chiral Plasmonic Nanoparticles	Jianfang Wang	Wenjing Tian
14:20-14:40	Engineering Aggregates in Organic Semiconductors	Qian Miao	
14:40-15:00	Microsystems for Personalised Medicine	Bee Luan Khoo	
15:00-15:20	Wet-Chemical Lattice Engineering of Metal Nanocrystals Towards Enhanced Catalytic Properties	Ye Chen	