

2024 高分子國際研討會會議議程/ Trilateral Conference Agenda

Jan. 24 (Wednesday)

Time	No.	Speech Topic/Speaker	Coordinator
13:30-13:40		Opening Remark Jyh-Chien Chen (General Secretary, The Polymer Society, Taipei)	
13:40-14:10	KN-1	Dynamic Behavior of Polymer Chains in Direct Contact with Solid Substrates Keiji Tanaka (Kyushu University, Japan)	Jyh-Chien Chen (National Taiwan University of Science and Technology, Taiwan)
14:10-14:40	KN-2	Entropy Engineering for Polymers Youngjong Kang (Hanyang University, Korea)	
14:40-15:10	KN-3	Construction Archimedean Tiling Patterns Based on Soft Materials from Block Copolymers and Covalent Organic Frameworks Shiao-Wei Kuo (National Sun Yat-sen University, Taiwan)	
15:15-15:40	Coffee Break		
15:40-16:10	KN-4	Defect-Free Synthesis and Function of Helical Ladder Polymers Tomoyuki Ikai (Nagoya University, Japan / PRESTO, JST, Japan)	Shiao-Wei Kuo (National Sun Yat-sen University, Taiwan)
16:10-16:40	IS-1	Precise Synthesis of Methacrylate Derivatives and Evaluation of Its Functional Properties Tomoyasu Hirai (Osaka Institute of Technology, Japan)	
16:40-17:00	IS-2	Surface Engineering with Photoimagable Polymeric Systems to Define Desired Functionalities and Properties Myungwoong Kim (Inha University, Korea)	
17:00-17:20	IS-3	Rational Strategies for Efficient and Stable Perovskite Solar Cells and Self-Powered Photodetectors Chih-Yu Chang (National Taiwan University of Science and Technology, Taiwan)	

Jan. 25, 2024 (Thursday)

Time	No.	Speech Topic/Speaker	Coordinator
09:20-09:40	IS-4	Investigation of the Mechanism of Gas Transport in Polyelectrolyte Membranes Using Novel Simulation Methods Tetsuro Nagai (Fukuoka University, Japan)	Chih-Yu Chang (National Taiwan University of Science and Technology, Taiwan)
09:40-10:00	IS-5	Computational Materials Design for Organic Light-Emitting Diodes Via Multiscale Simulations and High-Throughput Screening Kun-Han Lin (National Tsing Hua University, Taiwan)	
10:00-10:20	IS-6	Freeform Wrinkles with Liquid Crystalline Polymer Jun-Hee Na (Chungnam National University, Korea)	
10:25-10:45	Coffee Break		
10:45-11:05	IS-7	Effective Upcycling Technique and Material Transformation Realized by the Bond Exchange Concept Mikihiro Hayashi (Nagoya institute of technology, Japan)	Kun-Han Lin (National Tsing Hua University, Taiwan)
11:05-11:25	IS-8	Development and Applications of 2D Carbon-Based Multi-Functional Polymer Composites Yun-Seok Jun (Pukyong National University, Korea)	
11:25-11:45	IS-9	Non-Volatile Photomemory with Ultrafast and Multi-Level Memory Behavior Jung-Yao Chen (National Cheng Kung University, Taiwan)	
11:45-12:05	IS-10	Ionic Liquids for Chemical Processing of Lignocellulosic Biomass Shiori Suzuki (Hokkaido University, Japan)	
12:10-13:10	Lunch Break		
13:10-13:30	IS-11	Self-Healing Soft Materials Based on Ionic Liquids Ryota Tamate (National Institute for Materials Science, Japan / PRESTO, JST, Japan)	Jung-Yao Chen (National Cheng Kung University, Taiwan)
13:30-13:50	IS-12	Self-Assembly of Polymer-Grafted Nanocrystals into Ordered Arrays Hongseok Yun (Hanyang University, Korea)	
13:50-14:10	IS-13	Dynamic Behaviors of Polymer Nanostructures Studied by Time-Resolved Transmission Electron Microtomography Hsiao-Fang Wang (National Central University, Taiwan)	
14:10-14:20		Closing Remark	