

2025 高分子國際研討會會議議程/ Trilateral Conference Itinerary

Jan. 15 (Wednesday)

Time	No.	Speech Topic/Speaker	Coordinator
13:30-13:40		Opening Remark Jyh-Chien Chen (General Secretary, Taiwan Polymer Society)	Jyh-Chien Chen (National Taiwan University of Science and Technology)
13:40-14:10	KN-1	Mechanical Performance and Biodegradability of L-Lactide Copolymers with Various Chain Architectures Yong Ku Kwon (Inha University, Korea)	
14:10-14:40	KN-2	Smart Gating and Ion Conductivity Control of Grafted Anodic Aluminum Oxide Membranes Jiun-Tai Chen (National Yang Ming Chiao Tung University, Taiwan)	
14:40-15:10	KN-3	Innovative Molecular Designs for Highly Stable and Fast-Rechargeable Organic Electrode Materials Ji Eon Kwon (Korea Institute of Science and Technology, Korea)	
15:15-15:40	Coffee Break		
15:40-16:00	IS-1	Structure-Property Relations in Organic Mixed Ionic-Electronic Conductors Myung-Han Yoon (Gwangju Institute of Science and Technology (GIST), Korea)	Jiun-Tai Chen (National Yang Ming Chiao Tung University, Taiwan)
16:00-16:20	IS-2	Development of supramolecular nanochannels and their functions in biological membranes Kohei Sato (Kwansei Gakuin University, Japan)	
16:20-16:40	IS-3	Versatile alignment method for 1D nanomaterials of various materials and composition Kevin Chiou (National Sun Yat-sen University, Taiwan)	
16:40-17:00	IS-4	Systematic Study of the Temperature-Induced, Triple-Staged, Sol-Gel-Sol Transition of Boronic Ester Hydrogels Chih-Yu Kuo (National Taipei University of Technology, Taiwan)	
17:00-17:20	IS-5	Preventing Electrode Penetration and Burn-in Degradation in Polymer Solar Cells via Pre-annealing Wonho Lee (Kumoh National Institute of Technology, Korea)	

Jan. 16, 2025 (Thursday)

Time	No.	Speech Topic/Speaker	Coordinator
09:20-09:40	IS-6	Synthesis of functional engineering plastics using biobased building blocks Kenji Takada (Yamagata University, Japan)	Kevin Chiou (National Sun Yat-sen University, Taiwan)
09:40-10:00	IS-7	Polyelectrolyte-Engineered Nanoporous Membranes for High-Performance Osmotic Power Generators Chien-Wei Chu (National Taiwan University of Science and Technology, Taiwan)	
10:00-10:20	IS-8	Nanoscale Physical Unclonable Function Labels Based on Block Copolymer Self-Assembly Bong Hoon Kim (DGIST, Korea)	
10:25-10:45	Coffee Break		
10:45-11:05	IS-9	Development of Semiconducting Polymers Based on π-Extended <i>o</i>-Benzodiimine Analogs Hiroki Mori (Okayama University, Japan)	Chien-Wei Chu (National Taiwan University of Science and Technology, Taiwan)
11:05-11:25	IS-10	Polymer Engineering Enabling High-Performance Zinc Batteries Woo-Jin Song (Chungnam National University, Korea)	
11:25-11:45	IS-11	Radical Polymerization of Alkenyl Boronates and Side-Chain Replacement through C-B Bond Cleavage toward Overcoming the Synthetic Limitation in Polymer Synthesis Tsuyoshi Nishikawa (Graduate School of Engineering, Kyoto University, Japan)	
11:45-12:05	IS-12	Comprehensive Insights into Polyfluorene: Bridging Structure-Morphology-Property Dynamics for Next-Generation Optoelectronics Ender Ercan (Yuan Ze University, Taiwan)	
12:05-12:10	Closing Remark		