

**2026 Trilateral Conference on Modern Challenges in Polymer Science and Technology
Frontiers in Polymer Science for Emerging Technologies and Next Horizons**

01月08號 (四) January 8 (Thursday)

國際研討會 International Symposium (旺宏館2F 245周懷僕講堂 / Macronix Building 2F, Room 245)

Time	Speech Topic / Speaker	Session Chair
13:30-13:35	Opening Remark Eiji YASHIMA (Yushan Fellow, Department of Chemical Engineering, National Tsing Hua University)	
13:35-13:40	Group Photos	
13:40-14:20	Supramolecular Plastics for a Sustainable Future PL: Takuzo AIDA (The University of Tokyo, Japan)	Hsing-Lung Chen (National Tsing Hua University, Taiwan)
14:20-14:40	DFT-Guided Design of Reversibly Depolymerizable Polybutadienes IL: Bumjoon Seo (Seoul National University of Science and Technology, Korea)	
14:40-15:10	Molecular Engineering of C-Shaped ortho-Benzodipyrrole-based A-D-A type Acceptors for High-Performance Polymer Solar Cells KL: Yen-Ju Cheng (National Yang Ming Chiao Tung University, Taiwan)	
15:10-15:30	Coffee Break	
15:30-16:10	Sustainable Polymer Science and Materials: Challenges and Perspective PL: Mitsuo SAWAMOTO (Kyoto University / Chubu University, Japan)	Jing-Cherng Tsai (National Chung Cheng University, Taiwan)
16:10-16:30	Tin Halide Perovskites: New Opportunities for Next-Generation Semiconductor Technologies IL: Hui Joon Park (Hanyang University, Korea)	
16:30-16:50	Polymer-Intercalated NiFe-LDH Electrodes with Tunable Interlayer Spacing for Efficient and Stable Oxygen Evolution Reaction in Seawater Electrolysis IL: Ling-Yu Chang (National Taipei University of Technology, Taiwan)	
16:50-17:10	Analysis of Dynamic Wetting in Structure Controlled Polymer Brushes IL: Tsukuru Masuda (The University of Tokyo, Japan)	
17:10-17:40	Photocatalytically Enhanced Amidoxime–Metal Oxide Nanofiber Adsorbents for Selective Metal Ion Recovery from Seawater KL: Taek Seung Lee (Chungnam National University, Korea)	
18:30-20:30	晚宴 Banquet	

01月09號 (五) January 9 (Friday)		
國際研討會 International Symposium (旺宏館2F 245周懷僕講堂 / Macronix Building 2F, Room 245)		
時間Time	Speech Topic / Speaker	Session Chair
8:50-9:20	Cohesion Interphase between Same Polymers KL: Takashi Nishino (Kobe University, Japan)	Taek Seung Lee (Chungnam National University, Korea)
9:20-9:40	Organic-Inorganic Hybrid Dielectrics: From Sol-Gel Strategies to Printed and Flexible Devices IL: Hyeok-jin Kwon (Pukyong National University, Korea)	
9:40-10:00	Development of Multifunctional Polymer Electrolytes for Enhancing the Performance and Stability of Solid-State Lithium Metal Batteries IL: Yun Sheng Ye (National Sun Yat-sen University, Taiwan)	
10:00-10:20	Development of Functional Luminescent Materials Based on Group 13 Element Complexes Composed of Even-Electron/Odd-Atom Conjugated Systems IL: Shunichiro Ito (Kyoto University, Japan)	
10:20-10:40	Coffee Break	
10:40-11:10	Static crystalline structures of polyethylene studied by advanced electron microscopy KL: Hiroshi JINNAI (Tohoku University, Japan)	Takashi Nishino (Kobe University, Japan)
11:10-11:40	Colloidal Diamonds of Titania Spheres from C15 Laves Structures KL: Gi-Ra Yi (Pohang University of Science and Technology, Korea)	
11:40-12:00	Mechanochemical Activation of Commodity Plastics Toward Applications in Organic Synthesis IL: Koji Kubota (Hokkaido University, Japan)	
12:00-13:00	午餐 Lunch	
13:00-13:30	Developments of Living Radical and Ionic Polymerizations Based on Dormant Species for Precision Polymer Synthesis KL: Masami KAMIGAITO (Nagoya University, Japan)	Jyh-Chien Chen (National Taiwan University of Science and Technology, Taiwan)
13:30-13:50	Polybenzimidazole-Based Anion Exchange Membranes for Fuel Cell and Water Electrolysis Applications IL: Li-Cheng Jheng (National Kaohsiung University of Science and Technology, Taiwan)	
13:50-14:10	Eco-efficient Synthesis of High-Performance Polyimides via Water-Borne Poly(amic acid) Salts IL: Jongmin Park (Korea Research Institute of Chemical Technology, Korea)	
14:10-14:30	Development of high-performance semiconducting polymers based on π-extended electron-deficient building units IL: Tsubasa Mikie (Hiroshima University, Japan)	
14:30-14:50	Synthesis and Applications of Traditional High-Performance Polymers for Optoelectronic and Energy Storage devices IL: Yu-Ruei Kung (Tatung University, Taiwan)	
14:50-14:55	Closing Remark	