

高分子物理挑戰與新契機論壇

Polymer Physics Symposium: Challenges and New Opportunities

24th/January/ 志友講堂 (93322-3F)

Chair : **Professor Hsin-Lung Chen** (Department of Chemical Engineering, National Tsing Hua University)

Time	Speaker/Title
13:30-13:35	Opening Remark Professor Eamor Woo (Department of Chemical Engineering, National Cheng Kung University)
13:35-14:25	Characterizing Self-Assembled Nanoparticles for Drug Delivery by use of Solution Scattering Professor Kazuo Sakurai (Department of Chemistry and Biochemistry, The University of Kitakyushu)
14:25-14:50	Enhanced Optical and Mechanical Properties by Designing Block Copolymer Nanocomposites with Extractable Characteristic Professor Yeo-Wan Chiang (Department of Materials and Optoelectronic Science, National Sun Yat-Sen University)
14:50-15:15	Probing Block Copolymer/Homopolymer Blend Films by Grazing-Incidence Small Neutron Scattering and Neutron Scattering Professor Ya-Sen Sun (Department of Chemical Engineering, National Cheng Kung University)
15:15-15:40	Coffee Break
Chair : Professor Ya-Sen Sun (Department of Chemical Engineering, National Cheng Kung University)/ Professor Chien-Lung Wang (Department of Chemistry, National Taiwan University)	
15:40-16:30	Synchrotron Microbeam X-ray Diffraction Coupled with Microscopy for Probing the Universal Assembly in Polymer Aggregates Professor Eamor Woo (Department of Chemical Engineering, National Cheng Kung University)
16:30-16:55	Thermophilic Artificial Water Channels of a Lipid-Like Dendron Stabilized by Water-Containing Hydrogen-Bonded Network Professor Chien-Lung Wang (Department of Chemistry, National Taiwan University)
16:55-17:20	Conductable Non-Iridescent Structural Colors via Self-Assembly of Granular Photonic Paracrystals in a Polymer/Colloid Aqueous Solution Dr. Wei-Tsung Chuang (National Synchrotron Radiation Research Center)
17:20-17:45	Highly-Oriented Block Copolymer Films Prepared by Hybridization with Low Concentrations of Magnetic Nanoparticles as a Directing Agent Mediated by Low-Intensity Magnetic Fields Associate Professor Che-Yi Chu (Department of Chemical Engineering, National Chung Hsing University)
