

**Joint Mini-Symposium  
between  
Chemical Engineering Dept., National Tsing Hua University, Taiwan and  
Chemical Science and Technology Div., Kyoto University.**

Date: Feb. 10, 2009, Location: Katsura Campus, Faculty of Engineering, Kyoto University

Room A (306)	
9:30-10:00 General Opening	
9 : 30-9 : 40	Greeting & Introduction of Chemical Science and Technology Div., Kyoto University.
9 : 40-9 : 55	Greeting & Introduction of Chemical Engineering Dept., National Tsing Hua University

Time	Room A (306)	Room B(307)
10:00 - 10:30	Prof. Sawamoto, M (Living Polymerization) Living Polymerizations for Precision Polymer Synthesis	Prof. Chang, R-Y.(C A E) Molecular dynamics simulation of short-chain polyethylene in nano-contraction flow
10:30 - 11:00	Prof. Chen, H-L(Polymer Physics) Tetragonally Packed Cylinder Structure via Hierarchical Assembly of Comb-Coil Diblock Polymer	Prof. Yamamoto R. (Computer Simulation of Soft Matter) Direct numerical simulations for the dynamics of colloidal dispersions
11:00 - 11:30	Prof. Tanaka, F. (Polymer Physics) Conosolvency and Competitive Hydrogen Bonds of Temperature-Sensitive Polymers in Mixed Solvents	Prof. Chen, S-W., (Materials Thermodynamics) Some interesting phenomena observed in the soldering material systems
11:30 - 12:00	Prof. Su, An-C.(Polymer Physics) Structural evolution of nanograins during cold crystallization of poly(9,9,-di-n-octyl-2,7-fluorene) as revealed via in-situ SAX/WAXS/DSC	Prof. Yoshida, J. (Synthetic Chemistry) Flash chemistry: fast chemical synthesis in microflow systems
12:00 - 13:15	Lunch Break	
13:15 - 13:45	Prof. Chujo, Y (Polymer Chemistry & Hybrid mat) Organic-Inorganic Polymer Nano-Hybrids Based on Sol-Gel Reaction	Prof. Wong. D. S-H.,(Process Systems Eng.) Control and Design of Azeotropic Reactive and Heat Integrated Distillation Columns
13:45 - 14:15	Prof. Lu, S.Y. (Nanomaterials and Nanostructure) Applications of CdS Nanowires as Piezoelectric Nanogenerator	Prof. Hasebe, S (Process Systems Eng.) Synthesis of Heat Integrated Distillation Systems with Internal Heat Exchange
14:15 - 14:45	Prof. Ohshima, M., (Material Processing) Preparations of Porous Polymeric Materials by Physicochemical Phenomena	Prof. Jang, S-S (Process Systems Eng.) Advanced Process Control in Multi-stage, Parallel Tools, Mixed Products Manufacturing Environment:
15:00 - 15:15	Coffee Break	
15:15 - 15:45	Prof. Hu, C-C, (Advanced Materials) Electrochemical Deposition of Hydrous Nanostructured Transition Metal Oxides for Electrochemical Supercapacitor	Ass. Prof. Shinto, H (Surface Eng & Biomaterials) AFM/CLSM study of adhesion and uptake of particles for living cells

Time	Room A (306)	Room B(307)
15:45 - 16:15	Prof. Ito, S. (Polymer Chemistry) Formation of Fullerene Cation in Bulk Heterojunction Polymer Solar Cells Studied by Thinfilm Transient Absorption Spectroscopy	Prof. Chu. I-Ming In vivo Evaluation of Type II Collagen Scaffold for Cartilage Repair
16:15 - 17:15	Labo. Tours	
17:15 - 17:30	Closing	
18:00 - 19:45	Get acquainted party	