

**Seminar on Asia Campus Program & China-Japan-Korea International
Symposium on Chemistry and Materials**

SEMINAR AGENDA

March 10, 2011 (Thursday)		
Time	Title	Lecturer
13:00 pm	Opening Ceremony	
13:10 pm	Plenary Asymmetric Total Synthesis of (-)-Deguelin and Its Structure-based Development of Novel HIF-1 α Inhibitors as Anti-angiogenic Agent	Young-Ger Suh Dean of College of Pharmacy, Seoul National University
13:50 pm	Plenary Organically Functionalized Mesoporous Materials by Co-Structure-Directing Route	Shun-Ai Che School of Chem & Chem Eng, Shanghai Jiao Tong University
14:30 pm	New Functional Nanomaterials based on Hard and Soft Nanoporous Templates	Jin Kon Kim Dept of Chemical Eng., POSTECH
15:15 pm	Synthesis and Function of Helical Polymers and Oligomers	Eiji Yashima Department of Molecular Design and Engineering, Nagoya University
15:45 pm	Research on the Low-Coordinate and Multiply-Bonded Compounds of Heavier Main Group Elements	Xin-Ping Wang Nanjing University
16:15 pm	Controllable fabrication of graphene using thermal plasma jet	Suh, Jung Sang School of Chemistry, Seoul National University
16:45 pm	Design of Core-shell Nanostructures and their Bioapplication	Qing-hua Lu School of Chem & Chem Eng, Shanghai Jiao Tong University

March 11, 2011 (Friday)

9:00 am	Plenary Functional Materials, Nanoptics, Molecular Electronics, and Ultrafast DNA Sequencing	Kwang S. Kim Dept. of Chemistry, POSTECH
9:40 am	Plenary Importance of nanostructured materials in biosensors	Xinghua Xia Vice Dean of School of Chem. and Chem. Eng., Nanjing University
10:20 am	High Efficiency Organic Solar Cells via Nanomorphology Control of Photoactive Layers	Kilwon Cho, (Dept of Chemical Eng., POSTECH
11:00 am	Sputter Deposition of Ultrafine Metal and Alloy Nanoparticles in Ionic Liquids	Tsukasa Torimoto Department of Crystalline Materials Science, Nagoya University
11:30 am	DNA Diagnostics with Chemical and Biological Tools	Jin Zhu Nanjing University
12:00 am	The Control of Excitons in Giant Artificial Atoms and Their Practical Use	Lee, Seonghoon School of Chemistry, Seoul National University
13:30 pm	Nanoparticles of docetaxel overcoming its pharmaceutical drawbacks	Dae-Duk Kim College of Pharmacy, Seoul National University
14:00 pm	Controlled preparation and bioapplication of hyperbranched polymers	Xin-yuan Zhu School of Chem & Chem Eng, Shanghai Jiao Tong University
14:30 pm	Chemistry of Boron-Containing π -Electron Materials	Shigehiro Yamaguchi Department of Chemistry, Nagoya University
15:00 pm	Design and application of Zn ²⁺ fluorescent sensors	Weijiang He Nanjing University
15:45 pm	Effective Chiral Catalysts with New Design Concept	Wan-bin Zhang School of Chem & Chem Eng, Shanghai Jiao Tong University
16:15 pm	Reaction Engineering with microwaves	Kun Hong Lee

		Dept of Chemical Eng., POSTECH
16:45 pm	Intracellular delivery of charged macromolecules by charge-conversional polyion complexes	Lee, Yan School of Chemistry, Seoul National University
17:15 pm	Construction of Organometalloenzymes	Yoshihito Watanabe Department of Chemistry, Nagoya University
17:45 pm	3rd and 4th Generation Synchrotron Radiation Sciences and Their Applications in 3D Structures of Single Molecules and Nanoclusters	Moonhor Ree Dept. of Chemistry, Division of Advanced Materials Science, and Pohang Accelerator Laboratory, POSTECH
18:15 pm	Smart Supramolecular Hydrogel Based on Modified Short Peptides	Yan Zhang Nanjing University
March 12, 2011 (Saturday)		
8:30 am	Plenary Hydrogen Storage and Carbon Dioxide Capture in Porous Coordination Polymers and Metal-Organic Frameworks	Paik Suh, Myunghyun School of Chemistry, Seoul National University
9:10 am	Plenary 1) Globalization and Research Activities at Nagoya University 2) Self-Assembly Design Using Various Complex Polymers	Yushu Matsushita Department of Applied Chemistry, Nagoya University
9:50 am	Structural Insight into Toxin-Antitoxin System of <i>Helicobacter pylori</i>	Bong Jin Lee College of Pharmacy, Seoul National University
10:20 am	Design of Chiral (Supra-)Molecular Materials for Catalysis and Separation	Yong Cui School of Chem & Chem Eng, Shanghai Jiao Tong University

11:00 am	Structure analysis of ion containing block copolymer and its functional applications	Moon Jeong Park Dept of Chemistry, POSTECH
11:30 am	Sphingolipids, old compounds but new targets: Synthesis of Sphingolipid Analogs as Chemical Tools	Sanghee Kim College of Pharmacy, Seoul National University
12:00 am	Investigations of the Local Structure of Catalysts with Solid-State NMR Spectroscopy	Luming Peng Nanjing University
12:30 am	New Aspects in the Synthesis of Dialkyl Carbonates from CO ₂ Based on Alcohol Activation	Susumu Saito Department of Chemistry, Nagoya University
13:00 pm	Formation of Nanostructures in Thermosetting Polymers	Si-xun Zhen School of Chem & Chem Eng, Shanghai Jiao Tong University