

# The 10th SNU and Hokkaido University Joint Symposium

## On Nano Technology, Bio Technology and Catalysis

January 25, 2008

Room L311 and L306, Building 500, Department of Chemistry  
Seoul National University, Seoul, Korea

Time	Topic	Speaker	Affiliation
8:45 – 9:00	Opening Remarks	Hasuck KIM Norio MIYAURA	Department of Chemistry, SNU Graduate School of Engineering, HU
9:00 – 9:25	Metal-Catalyzed Reactions of Organoboronic Acids	Norio MIYAURA	Graduate School of Engineering, HU
9:25 – 9:50	Porous Metal-Organic Frameworks: Synthesis and Applications	Myunghyun P. SUH	Department of Chemistry, SNU
9:50 – 10:15	Selective Coupling of Alkynes on Zirconocene	Tamotsu TAKAHASHI	Catalysis Research Center, HU
10:15 – 10:30	Coffee Break		
10:30 – 10:55	Photophysical Characteristics of Hexarhenium(III) Clusters	Noboru KITAMURA	Graduate School of Science, HU
10:55 – 11:20	Ag Powders, Ag-coated Beads, and Ag Thiolates: A Core Material of Molecular Sensing/Recognition Units Operating via Surface-enhanced Raman Scattering	Kwan KIM	Department of Chemistry, SNU
11:20 – 11:45	Nano Ceramic Materials for Optical Application	Shinichi KIKKAWA	Graduate School of Engineering, HU

11:45 – 12:10	Mixtures of Diblock Copolymer Micelles for Bimodal Arrays of Nanoparticles	Byeong-Hyeok SOHN	Department of Chemistry, SNU
12:10 – 1:30	<b>Lunch Break</b>		Duraemidam
1:30 – 3:30	<b>Posters Session</b>		L306
3:30 – 3:45	<b>Coffee Break</b>		
3:45 – 4:10	Microbial Factory for Production of Natural Polyester Based on Enzyme Evolution	Seiichi TAGUCHI	Graduate School of Science, HU
4:10 – 4:35	Gold Nanoparticle-Based Biodiagnostics	Jwa-Min NAM	Department of Chemistry, SNU
4:35 – 5:00	Dynamic Redox System as a Novel Motif to Realize the Unimolecular Memory	Takanori SUZUKI	Graduate School of Science, HU
5:00 – 5:15	<b>Coffee Break</b>		
5:15 – 5:40	Electrochemical Sensors Based on Nanoporous Platinum Thin Film	Taek Dong CHUNG	Department of Chemistry, SNU
5:40 – 6:05	Three Dimensionally Assembled Gold Nanoculster Modified with Foreign Metals for Electrocatalysis	Kohei UOSAKI	Graduate School of Science, HU
6:05 – 6:30	Electrochemical Deposition of Pt/Ru for Better Performance of Direct Methanol Fuel Cells	Hasuck KIM	Department of Chemistry, SNU
6:30 – 6:40	<b>Closing Remarks</b>	Kohei UOSAKI Byeong-Hyeok SOHN	Graduate School of Science, HU Department of Chemistry, SNU
6:40 – 8:30	<b>Banquet</b>		Baiksang Galbi

**Chairs:**

9:45-10:15 ; Kohei Uosaki and Hasuck Kim

10:30-12:10 ; Noboru Kitamura and Myunghyun P. Suh

3:35 – 5:00 ; Tamotsu Takahashi and Taek Dong Chung

5:15 – 6:40 ; Norio Miyaura and Kwan Kim