



The Third Joint Symposium of CRC-Hokkaido Univ. & PCOSS-Xiamen Univ.



Program

- 8:40 Opening Address
From PCOSS
From CRC
(Chairman: Profs. Wataru Ueda and Ye Wang)
- 9:00 Professor Atsushi Fukuoka
Catalytic Biomass Conversion to Renewable Chemicals
- 9:25 Professor Youzhu Yuan
Controlling Metal Sizes for Selective Hydrogenolysis of Biopolyols to Glycols
- 9:50 Photo and Break
(Chairman: Profs. Atsushi Fukuoka and Minshu Chen)
- 10:20 Professor Bunsho Ohtani
Design and Fabrication of Highly Active Metal Oxide Photocatalysts
- 10:45 Professor Weizheng Weng
Mechanistic Study of Methane Partial Oxidation to Synthesis Gas over Supported Noble Metal Catalysts
(Chairman: Profs. Bunsho Ohtani and Hongping Zhu)
- 11:10 Professor Wataru Ueda
New Solid Acids Based on Complex Metal Oxides of Group 5 and 6 Elements
- 11:35 Professor Ye Wang
Highly Selective Fischer-Tropsch Catalysts Based on Carbon Nanotubes and Mesoporous Zeolites
- 12:00 Lunch
- (Chairman: Profs. Satoru Takakusagi and Youzhu Yuan)
- 14:00 Associate Professor Shen Ye
Enzyme-catalyzed Hydrolysis Process of Lipid Bilayer Probed SFG and AFM
- 14:25 Professor Bin Ren
Fishing-Mode Tip-enhanced Raman Spectroscopy for Molecular Electronics
(Chairman: Profs. Miho Yamaguchi and Weizheng Weng)
- 14:50 Associate Professor Satoru Takakusagi
In-situ STM Observation of Spillover Process on a Pt/TiO₂(110) Model Catalyst Surface
- 15:15 Dr. Zhiyi Song
Coupling Reactions of the Cyclopentadienyl Ligand on Organometallic Complexes
- 15:40 Break
(Chairman: Profs. Shen Ye and Nanfeng Zheng)
- 16:10 Associate Professor Kenichi Shimizu
Green organic synthesis with silver nanocluster catalyst
- 16:35 Associate Professor Na Tian
Shape-Controlled Synthesis of Pt and Pd Nanoparticles with High-index Facets and Their Application in Electrocatalysis
(Chairman: Profs. Kenichi Shimizu and Ben Ren)
- 17:00 Associate Professor Miho Yamaguchi
Structural Control and Catalytic Activity of Alloy Nanoparticles
- 17:25 Professor Nanfeng Zheng
Control the Surface Structure of Catalytic Metal Nanocrystals Using Small Molecules
- 18:30 Banquet

Date: April 11, 2011

**Place: PCOSS in Xiamen University
(Jiaxi Building 202)**

Organizer: State Key Laboratory of Physical Chemistry of Solid Surfaces, Xiamen University