

The 1st GCOE  
International Symposium

Hokkaido University  
Global COE Program [2007-2011]

# CATALYSIS AS THE BASIS FOR THE INNOVATION IN MATERIALS SCIENCE

Graduate School of Science  
Hokkaido University (N10W8, Sapporo, Japan)  
Bld. #5 (room 5-203/303): Lectures  
Bld. #5 (2nd floor lobby): Poster presentation

January 16th (Wed) 2008, 13:00~

## PROGRAM

13:00	Opening Remarks	Norio Miyaura (Head of GCOE project, Hokkaido University)	
	Welcome Remarks	Hiroshi Saeki (President, Hokkaido University)	
		Takashi Mikami (Dean, Graduate School of Engineering, Hokkaido University)	
		Keizo Yamaguchi (Dean, Graduate School of Science, Hokkaido University)	
13:20	Lecture 1	Zhenfeng Xi (Peking University)	"Synthesis and Applications of Lithiosiloles"
13:45	Lecture 2	Tamotsu Takahashi (Hokkaido University)	"Aromatic Tautomerization"
14:10	Lecture 3	Jianbo Wang (Peking University)	"Transition Metal-Catalyzed Reaction of Diazo compounds, Alkynes and Allenes"
14:35	Lecture 4	Jwu-Ting Chen (National Taiwan University)	"Synthesis of Alternating Ethylene-Norborylene Copolymers Using Organometallic Palladium Catalysts with Designed Ligands"
15:00	Coffee break		
15:20	Lecture 5	Wataru Ueda (Hokkaido University)	"Nano-Architecture of Porous Metal Oxide Catalysts"
15:45	Lecture 6	Shinichi Kikkawa (Hokkaido University)	"Nano Ceramic Materials for Optical Application"
16:10	Lecture 7	Jin Kyu Lee (Seoul National University)	"Recyclable Catalyst Systems using Magnetic Nanoparticles as a Solid Support"
16:35	Poster Session		
17:35	Lecture 8	Kohei Uosaki (Hokkaido University)	"Construction, Structure, and Functionalities of Organic Monolayers on Metal and Semiconductor Surfaces"
18:00	Lecture 9	Hasuck Kim (Seoul National University)	"Immunoassay with Silica Nano Particles Based on Efficient Electrogenerated Chemiluminescence"
18:25	Closing Remarks	Kohei Uosaki (Hokkaido University)	
19:00	Banquet	Sapporo Aspen Hotel, Room Aspen A (N8W4, Kita-ku, Sapporo, Japan)	