

# 2006 Workshop on Organometallic Chemistry

Date: December 1 - 2, 2006 Venue: Institute for Chemical Research, Kyoto University

Sponsor: Grant-in-Aid for Scientific Research on Priority Area  
"Synergy of Elements", MEXT, Japan



## December 1 (Fri)

- 13:00 Opening Remarks
- 13:10 **Tetsuro Murahashi** (Osaka University)  
Synthesis and Characterization of Discrete Sandwich Compounds Containing Palladium Chains or Sheets
- 13:45 **Weng Kee Leong** (National University of Singapore)  
Our Attempts at Connecting Organometallic Clusters with Nanoscience and Biology
- 14:20 **Toshiro Takao** (Tokyo Institute of Technology)  
Coupling Reaction of Pyridines Catalyzed by Di- and Trinuclear Ruthenium Clusters
- 14:55 Break
- 15:15 **Masaaki Okazaki** (Kyoto University)  
Introduction of Functional Groups onto the  $Fe_4C_4$  Clusters
- 15:50 **Hiroyuki Kawaguchi** (Institute for Molecular Science)  
Early Transition Metal Complexes Bearing Phenoxide Multidentate Ligands
- 16:25 **Zhenfeng Xi** (Peking University)  
Cooperation Effect: Organo-bi-metallic Reagents for Organic Synthesis
- 17:00 Poster Session

## December 2 (Sat)

- 9:00 **Masayoshi Nishiura** (RIKEN)  
A General Method for the Synthesis of Half-sandwich Bis(alkyl) and Polyhydrido Complexes of the Whole Series of Rare Earth Metals
- 9:35 **Zuowei Xie** (The Chinese University of Hong Kong)  
Reactivity of Metal-Carbon Bond in Metal-Carborane and Metal-Carboryne Complexes
- 10:10 **Masaaki Ichinohe** (University of Tsukuba)  
Synthesis, Structure, and Reactivity of Stable Disilyne
- 10:45 Break
- 11:00 **Takashi Ohshima** (Osaka University)  
Development of New Direct Catalytic Reactions Using Metal Cluster Complexes
- 11:35 **Masamichi Ogasawara** (Hokkaido University)  
Catalytic Asymmetric Synthesis of Planar-Chiral Metallocenes
- 12:10 **Bun Yeoul Lee** (Ajou University)  
Bimetallic Catalysis for Polymer Synthesis
- 12:45 Closing Remarks