

2007 Workshop on Organometallic Chemistry

Date: November 8-9, 2007 Venue: Suzuki Umetaro Hall, RIKEN
Sponsored by RIKEN

November 8 (Thu)

- 13:30** **Opening Remarks**
13:40 **Kenichiro Itami (Nagoya University)**
 “Catalytic Direct Functionalization of Aromatics”
14:15 **Seung Uk Son (Sungkyunkwan University, Korea)**
 “Organometallic Building Block for Supramolecules or Nanomaterials”
14:50 **Coffee Break**
15:10 **Peter Jutzi (University of Bielefeld, Germany)**
 “Dynamic Covalent Chemistry with Organometallic Compounds: Examples from Gallium Chemistry”
16:20 **Poster Session**
18:00 **Reception**

November 9 (Fri)

- 9:00** **Masanori Takimoto (RIKEN)**
 “Scandium-Catalyzed Regio- and Stereoselective Carboalumination of Alkynes and Alkenes”
9:35 **Yi-Chou Tsai (National Tsing Hua University, Taiwan)**
 “Chemistry of Low-Valent Vanadium and Chromium Complexes Supported by β -Diketiminates”
10:10 **Takahiro Sasamori (Kyoto University)**
 “Chemistry of Low-coordinated Species of Heavier Group 15 Elements”
10:45 **Coffee Break**
11:05 **Yugen Zhang (ASTAR, Singapore)**
 “N-Heterocyclic Carbene Related Catalysts: from Homogeneous to Heterogeneous”
11:40 **Hisako Hashimoto (Tohoku University)**
 “Neutral Silylene Complexes Having Functional Groups”
12:15 **Lunch Break**

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- 13:30** **Makoto Yamashita (The University of Tokyo)**
“Transmetallation of Boryllithium to Form New Borylmetal Species”
- 14:05** **Zhiping Li (Renmin University of China)**
“C-C Bond Formation via Oxidative Activation of C-H Bond”
- 14:40** **Yukihiro Motoyama (Kyushu University)**
“Nanometal Particles on Nano-Carbon Supports: Preparation, Characterization, and Catalysis”
- 15:15** **Ken-ichiro Kanno (Hokkaido University)**
“Zirconium-Mediated Selective Linear Oligomerization of Alkynes”
- 15:50** **Coffee Break**
- 16:10** **Jun Terao (Osaka University)**
“Cross-Coupling Reaction Using Anionic Transition Metal Complexes”
- 16:45** **Michael C. W. Chan (City University of Hong Kong)**
“Synthetic Models of Weak Attractive Ligand–Polymer Interactions in Olefin Polymerization Catalysts”
- 17:20** **Daisuke Takeuchi (Tokyo Institute of Technology)**
“Novel Cyclopolymerization of Dienes by Late Transition Metal Complexes”
- 17:55** **Closing Remarks**
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