

The 1st International Symposium on Synergy of Elements

November 12–13, 2007
The Digital Multi-purpose Hall
Tokyo Institute of Technology

Program

November 12 (Monday)

- 13:00 Opening Remarks
- 13:10 **Philip P. Power** (Univ of California, Davis, USA)
“New Metal–Metal Bonds”
- 13:50 **Hideo Nagashima** (Kyushu University)
“Synergetic Effects of Dual Si–H Groups in Transition Metal Catalyzed Silane Reduction of Carboxamides”
- 14:20 Coffee Break
- 14:40 **Paul J. Chirik** (Cornell University, USA)
“Catalysis with Iron”
- 15:20 **Christopher C. Cummins** (Massachusetts Institute of Technology, USA)
“Niobium Chemistry for White Phosphorus Activation and for the Synthesis of Exotic Phosphorus Compounds”
- 16:00 **Poster Session**
- 18:00 Get-together-party
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November 13 (Tuesday)

- 10:00 **Kazushi Mashima** (Osaka University)
“Tetranuclear Zinc Cluster: Unique Catalyst for Direct Conversion of Esters, Lactones, and Carboxylic Acids to Oxazolines”
- 10:30 **Shigeru Yamago** (Kyoto University)
“Effects of Heteroatoms in Living Radical Polymerization”
- 11:00 Coffee Break
- 11:20 **John F. Hartwig** (Univ of Illinois, Urbana-Champaign, USA)
“Catalytic Organometallic Carbon-Heteroatom Bond Formation”
- 12:00 Lunch
- 13:40 **Masaaki Ichinohe** (Tsukuba University)
“Reactivity of the Isolable Disilyne”
- 14:10 **Zhenfeng Xi** (Peking University, China)
“Cooperative Effect: 1-Lithio-1,3-dienes as Useful Building Blocks”
- 14:50 **Kazuhiko Takai** (Okayama University)
“Metal Activation by Addition of Catalytic Amounts of Different Metals – Synergistic Effects”
- 15:20 Closing Remarks