

The 1st Frontier Chemistry Center International Symposium

“Next Generation of Molecular Chemistry”

- Date : 22 February, 2013
- Venue : A21, Graduate School of Information Science and Technology,
Hokkaido University, Sapporo Japan
- Organizer : Professors Takeshi Ohkuma and Hajime Ito (Hokkaido University)
- Supported by : “Strategic Molecular and Materials Chemistry through Innovative Coupling Reactions”
by MEXT, JAPAN
“Grants for Excellent Graduate Schools” by MEXT, Japan
Hokkaido Branch, The Chemical Society of Japan

Program

- 13:00- Opening Remarks by Professor Takeshi Ohkuma
- 13:10-13:50 Lecture by Professor Hirohisa Ohmiya (FoS-HU)
“Development of Highly-controlled Allylic Bond Formation Reactions”
(Chair: Professor Hajime Ito)
- 13:50-14:30 Lecture by Professor Xingang Zhang (Chinese Acad. Sci.)
“Transition-Metal-Catalyzed Direct Functionalization of Polyfluoroarenes”
(Chair: Professor Shoji Hara)
- 14:30-15:10 Lecture by Professor Hajime Ito (FoE-HU)
“Mechanical Stimulation-Induced Crystal Phase Conversion of Organogold Crystals”
(Chair: Professor Noriyoshi Arai)
- 15:10-15:50 Lecture by Professor Kálmán J. Szabó (Stockholm Univ. Sweden)
“Pd-Catalyzed Synthesis of Silyl- and Allylboronates from Allyl Alcohols”
(Chair: Professor Yasunori Yamamoto)
- 15:50-16:10 Coffee Break
- 16:10-16:50 Lecture by Professor Naoto Chatani (Osaka Univ.)
“New Chelation-Assisted Transformations of C–H Bonds”
(Chair: Professor Tatsuo Ishiyama)
- 16:50-17:30 Lecture by Professor Isaac J. Krauss (Brandeis Univ. USA)
“A Paradigm for Stereoselective Homoallylation”
(Chair: Professor Hirohisa Ohmiya)
- 17:30-18:10 Lecture by Professor Kazuhiko Takai (Okayama Univ.)
“Rhodium-Catalyzed Cleavage of Silicon–Hydrogen and Carbon–Hydrogen Bonds: Synthesis of Silafluorene Derivatives”
(Chair: Professor Takeshi Ohkuma)
- 18:10- Closing Remarks by Professor Hajime Ito
- 19:00-20:30 Banquet @Sapporo Aspen Hotel