

Evening session of ISHHC-16 Molecular Activation

Hokkaido University Conference Hall
Conference Room A

17:30-20:30, August 7 (Monday), 2013

Organic molecules are comprised of many chemical bonds and many synthetic organic chemists have so far been creating compounds that are relatively easy to activate. However, to enable highly efficient synthesis for improvement of organic chemistry in the 21 century, it is essential to develop novel methods to activate rather stable chemical bonds that have been rarely used and have been considered difficult. We have started a new project "Molecular activation directed toward straightforward synthesis" since 2010.

In this evening symposium we will present our achievement and discuss the future challenges.

Program

17:30 ~ 17:35

Opening **N. Chatani** (Session Leader)

17:40 ~ 18:15

Neil Garg (University of California)

"Nickel and Iron-catalyzed Cross-couplings of Phenolic Derivatives"

18:15 ~ 18:45

Nobuharu Iwasawa (Tokyo Institute of Technology)

"Rhodium-Catalyzed Direct Carboxylation Reaction of sp^2 C-H Bond"

18:45 ~ 19:15

Fumitoshi Kakiuchi (Keio University)

"Convenient Syntheses of Multi-Substituted Acenes by C-H Functionalization"

(Break)

19:25 ~ 19:55

Kazuhiko Takai (Okayama University)

"Rhodium-Catalyzed Synthesis of Silafluorene Derivatives via Cleavage of Silicon Hydrogen and Carbon Hydrogen Bonds"

19:55 ~ 20:30

Lukas Gooßen (TU Kaiserslautern)

"Sustainable Concepts for C-C and C-heteroatom Bond Formation"

(We will serve light meal for participants.)