



3rd International Symposium on Precisely Designed Catalysts with Customized Scaffolding

Date: 29 (Wed), August 2018

Place: Knowledge Capital, Congrès Convention Center, Room 3,
2nd Basement, North Building, Grand Front Osaka
2-1 Ofuka-cho, Kita-ku, Osaka 530-0011, Japan

10:00 10:10 Opening Remark: Prof. Kazushi Mashima

Chair: Prof. Kazushi Mashima

10:10 10:50 I-1 Prof. Nicolai Cramer (EPFL, Switzerland)

The Quest of Efficient Ligands in Asymmetric C-H Functionalizations

Chair: Prof. Ken Kamikawa

10:50 11:10 O-1 Prof. Mamoru Tobisu (Osaka University)

Nickel-Mediated Decarbonylation and Decarboxylation

11:10 11:30 O-2 Prof. Kounosuke Oisaki (University of Tokyo)

C(sp³)-H Functionalizations Promoted by Structurally Novel Hydrogen Atom Transfer Catalyst

11:30 13:00 Lunch Break

Chair: Prof. Sensuske Ogoshi

13:00 13:40 I-2 Prof. John F. Bower (University of Bristol, UK)

Catalytic Chirality Generation: New Strategies for Organic Synthesis

13:40 14:00 O-3 Prof. Fumitoshi Shibahara (Gifu University)

Pd/Phen-catalyzed Direct C-H Bond Arylation of Thienylthioamides

Chair: Prof. Yoshiaki Nakao

14:00 14:20 O-4 Prof. Ken Motokura (Tokyo Institute of Technology)

Concerted Catalysis by Immobilized Metal Complex on Silica for Hydrosilylation and Allylation

14:20 15:00 I-3 Prof. Christian Bruneau (University of Rennes 1, France)

Catalytic Transformations of Alcohols and Amines Based on Hydrogen Transfer Processes

15:00 15:30 Coffee Break

Chair: Prof. Ken-ichi Fujita

15:30 16:10 I-4 Prof. William D. Jones (University of Rochester, USA)

C-H and C-C Bond Cleavage, and Catalytic Dehydrogenative C-C Coupling by Iridium-Pincer Complexes

16:10 16:30 O-5 Prof. Yutaka Hitomi (Doshisha University)

Selective Oxidation Catalysts Inspired by Iron-dependent Oxygenases

Chair: Prof. Michinori Suginome

16:30 16:50 O-6 Prof. Yoshiharu Iwabuchi (Tohoku University)

Highly Chemoselective Aerobic Alcohol Oxidation Enabled by AZADO-Cu Cooperative Catalysis

16:50 17:30 I-5 Prof. Zhang-Jie Shi (Fudan University, China)

Upgrading Cross Coupling

17:30 17:40 Closing Remark: Prof. Naoto Chatani

18:00 20:00 Banquet