
9:15 – 9:20

Opening Remark: Prof. Kazushi Mashima

Chair: Prof. Hiroto Yoshida

9:20 – 10:00

Prof. Sergio Castellón (Rovira i Virgili University)

Chemo- Regio- and Stereoselectivity Control in Transition Metal-Catalyzed Reactions. The Case of Aziridination and Allylic Amination

10:00 – 10:20

Prof. Shin Takemoto (Osaka Prefecture University)

Ruthenium Sulfonamide Catalysts for Direct Conversion of Benzylic C–H Bonds to C=C Bonds

Chair: Prof. Takashi Koike

10:20 – 10:40

Prof. Tatsuya Uchida (Kyushu University)

Activation of Molecular Oxygen and Catalytic Asymmetric Aerobic Oxidation

10:40 – 11:20

Prof. Deryn E. Fogg (University of Ottawa)

Efficient Cross-Metathesis of Electron-Deficient Olefins: Limiting Catalyst Decomposition by Nucleophilic Phosphine Ligands

11:20 – 12:40

Lunch

Chair: Prof. Shin Takemoto

12:40 – 13:00

Dr. Insun Yu (University of Oxford)

Mechanistic Studies of Tris(pyrazolyl)borate and Tris(pyrazolyl)methanide Magnesium Complexes for the Ring-Opening Polymerisation of *rac*-LA

13:00 – 13:20

Prof. Takashi Koike (Tokyo Institute of Technology)

Fluoromethylative Difunctionalization of Olefins by Photoredox Catalysis

13:20 – 14:00

Prof. Joost N. H. Reek (University of Amsterdam)

Supramolecular Control of Selectivity in Transition Metal Catalysis

14:00 – 14:20

Coffee Break

Chair: Prof. Yoshihiro Miyake

14:20 – 15:00

Prof. Paula L. Diaconescu (University of California, Los Angeles)

Redox Switches for Catalysis Using Ferrocene-Based Ligands

15:00 – 15:20

Prof. Hiroto Yoshida (Hiroshima University)

A Masked Borylcopper Species for Catalytic Borylation Reactions

15:20 – 16:00

Prof. Nathaniel K. Szymczak (University of Michigan)

Catalytic Hydrogen Transfer Reactions Enabled by Ligand Design

16:00 – 16:20

Coffee Break

Chair: Prof. Tatsuya Uchida

16:20 – 17:00

Prof. Franziska Schoenebeck (RWTH Aachen University)

Adventures in Catalysis: from Mechanisms to Applications

17:00 – 17:20

Prof. Yoshihiro Miyake (Nagoya University)

Visible-Light-Mediated Transformations of Nitrogen-Containing Compounds Based on Control of Single Electron Transfer Process

17:20 – 18:00

Prof. Bernhard Breit (University of Freiburg)

On the Invention of Atom-Economic Reactions: Rhodium-Catalyzed Addition of Pronucleophiles to Alkynes and Allenes

18:00

Closing Remark: Prof. Yoshiaki Nakao
