

The 8th International Forum on Homogeneous Catalysis

Lecture Hall, 1st Floor of No. 2 Building, Shanghai Institute of Organic Chemistry
September 16 – 19, 2018

September 16, 2018, Sunday	
14:00 – 18:00	Registration , Lobby of Hotel Lee Gardens Hotel, No. 255 Dong An Road, Shanghai
18:30	Reception
September 17, 2018, Monday	
08:30 – 08:40	Opening Remarks Chair: Prof. Shuli You
08:40 – 11:55	Lectures
Session I	Chair: Prof. Kuiling Ding
08:40 – 09:30	PL-01: Prof. Jan-E. Bäckvall , Stockholm University Biomimetic Catalysis in Green Organic Transformations
09:30 – 10:20	PL-02: Prof. Meixiang Wang , Tsinghua University High Valent Organocopper Chemistry Explored with Synthetic Macrocycles
10:20 – 10:40	Coffee Break and Photo Taking
Session II	Chair: Prof. Xuelong Hou
10:40 – 11:30	PL-03: Prof. Bernhard Breit , University of Freiburg Rhodium-Catalyzed Addition of Pronucleophiles to Alkynes and Allenes –An Atom-Efficient Alternative to the Tsuji-Trost Reaction
11:30 – 11:55	IL-01: Prof. Bin Tan , Southern University of Science and Technology The Chemistry of Axial Chirality: Asymmetric Catalysis and Applications
12:00	Lunch
14:00 – 18:05	Lectures
Session III	Chair: Prof. Guozhu Zhang
14:00 – 14:50	PL-04: Prof. Guangbin Dong , University of Chicago Site-Selective C–C and C–H Functionalization of Ketones
14:50 – 15:40	PL-05: Prof. Shoufei Zhu , Nankai University Catalytic Hydrogen Transfer Reactions
15:40 – 16:00	Coffee Break
Session IV	Chair: Prof. Fanke Meng
16:00 – 16:50	PL-06: Prof. Matthew Gaunt , University of Cambridge New Catalytic Strategies for the Synthesis of Aliphatic Amines
16:50 – 17:40	PL-07: Prof. Chunjiang Wang , Wuhan University Recent Advances of Azomethine Ylides: Synergistic Catalysis for the Asymmetric Construction of Nonproteinogenic α -Amino Acids
17:40 – 18:05	IL-02: Prof. Bingfeng Shi , Zhejiang University Overriding the Inherent Site-Selectivity in Pd-Catalyzed C(sp ³)-H Activation
18:30	Dinner
September 18, 2018, Tuesday	
08:30 – 11:45	Lectures
Session V	Chair: Prof. Tiansheng Mei
08:30 – 09:20	PL-08: Prof. Song Lin , Cornell University

	Using Electricity to Amp Up Organic Synthesis: An Electrocatalytic Approach to Alkene Difunctionalization
09:20 – 10:10	PL-09: Prof. Liang Deng , <i>Shanghai Institute of Organic Chemistry, CAS</i> Low-Coordinate 3d Metal Complexes with NHC Ligation
10:10 – 10:30	Coffee Break
<i>Session VI</i>	<i>Chair: Prof. Min Shi</i>
10:30 – 11:20	PL-10: Prof. Paolo Melchiorre , <i>Institute of Chemical Research of Catalonia</i> Organic Synthesis in the Excited State
11:20 – 11:45	IL-03: Prof. Longwu Ye , <i>Xiamen University</i> Divergent N-Heterocycle Synthesis Based on Ynamides
12:00	Lunch
14:00 – 17:40	Lectures
<i>Session VII</i>	<i>Chair: Prof. Shiliang Shi</i>
14:00 – 14:50	PL-11: Prof. Nobuharu Iwasawa , <i>Tokyo Institute of Technology</i> Reductants for Carboxylation Reactions
14:50 – 15:40	PL-12: Prof. Shengming Ma , <i>Fudan University</i> Dynamic Kinetic Resolution of 2,3-Allenol Derivatives
15:40 – 16:00	Coffee Break
<i>Session VIII</i>	<i>Chair: Prof. Zheng Huang</i>
16:00 – 16:50	PL-13: Prof. Stéphane Quideau , <i>The University of Bordeaux</i> Chiral Iodanes for Asymmetric Oxygen-Atom Transfer in Biomimetic Dearomative Transformations of Phenols
16:50 – 17:15	IL-04: Prof. Xinjun Luan , <i>Northwest University</i> Studies on a C–H Activation/Arene Dearomatization Strategy
17:15 – 17:40	IL-05: Prof. Zhenhua Gu , <i>University of Science and Technology of China</i> Torsional Strain Promoted Ring-Opening Reactions
18:00	Banquet
September 19, 2018, Wednesday	
08:30 – 11:20	Lectures
<i>Session IX</i>	<i>Chair: Prof. Yaofeng Chen</i>
08:30 – 09:20	PL-14: Prof. Kami L. Hull , <i>University of Illinois</i> Transition Metal-Catalyzed Amination and Amidation Reactions
09:20 – 10:10	PL-15: Prof. Yonggui Zhou , <i>Dalian Institute of Chemical Physics, CAS</i> Asymmetric Hydrogenation of Heteroaromatics
10:10 – 10:30	Coffee Break
<i>Session X</i>	<i>Chair: Prof. Guosheng Liu</i>
10:30 – 10:55	IL-06: Prof. Baoguo Zhao , <i>Shanghai Normal University</i> Biomimetic Asymmetric Catalysis with Chiral Pyridoxals/Pyridoxamines
10:55 – 11:45	PL-16: Prof. Sukbok Chang , <i>Korea Advanced Institute of Science and Technology</i> Development of Metal-Catalyzed Direct C-H Amination Reactions
11:45 – 11:55	Closing Remarks <i>Chair: Prof. Shengming Ma</i>
12:00	Lunch