

# HONG KONG - SHANGHAI - MÜNSTER

Joint Trilateral Symposium on Organometallic Chemistry

09-10 May 2016

Lecture hall O1

Westfälische Wilhelms-Universität Münster Institute of Organic Chemistry





#### Monday, 09.05.2016

9:00-9:10 Opening Remarks : Prof. Gerhard Erker

Session 1 (9:10-10:40) Chair: Prof. Armido Studer

9:10-9:40	Transition Metal Porphyrin-Catalyzed Alkylcarbene Transfer Reactions
	Dr. Cong-Ying Zhou (The University of Hong Kong)
9:40-10:10	Polymetallic and heterobimetallic complexes derived from polycarbene scaffolds
	Prof. F. Ekkehardt Hahn (University of Münster)
10:10-10:40	Construction of Metal-Organic Frameworks from Multiple Building Units
	Prof. Qiaowei Li (Fudan University, Shanghai)

10:40 -11:00 Coffee Break

Session 2 (11:00-12:30) Chair: Prof. Gustavo Fernandez

11:00-11:30	Application of Frustrated Lewis Pairs in Borylation Reactions
	Prof. Huadong Wang (Fudan University, Shanghai)
11:30-11:50	Functionalized Alkynylgermanes: Hydrometallation and $\sigma\textsc{-Bond}$ Activation
	Mr. Christian Honacker (University of Münster)
11:50-12:10	Synthesis and Reactivity of New Intramolecular P/B Frustrated Lewis Pairs
	Dr. Guo-Qiang Chen (University of Münster)
12:10-12:30	Borata-Benzofulvene: Synthesis, Structural Features and Applications
	Ms. Sonja Kohrt (University of Münster)

12:30-14:00 Lunch Break

Session 3 (14:00-15:30) Chair: Prof. F. Ekkehardt Hahn

14:00-14:30	Organometallic Macrocycles, Cages
	Prof. Guoxin Jin (Fudan University, Shanghai)
14:30-15:00	The Challenge of Palladium-Catalyzed Alpha-Arylation of Ketones
	Prof. Michael Fuk-Yee Kwong (The Polytechnic University of Hong Kong)
15:00-15:30	Catalytic Alkane Dehydrogenation and Relevant Transformations
	Prof. Zheng Huang (Shanghai Institute of Organic Chemistry)

15:30-15:50 Coffee Break















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## 09, 10 May 2016, Münster

Session 4 (15:50-17:40) Chair: Prof. Huadong Wang

15:50-16:20	Influence of Metal Fragments on Supramolecular Polymerization Processes
	Prof. Gustavo Fernández (University of Münster)
16:20-16:50	Diotopic Pyridine-Containing Ligands for Supramolecular Coordination Chemistry
	Prof. Hoi-Lun Kwong (City University of Hong Kong)
16:50-17:10	σ-Alkynyl Iridium(III) Porphyrin-Catalyzed Carbene Transfer/Insertion Reactions
	Dr. Vanessa Kar-Yan Lo (The University of Hong Kong)
17:10-17:40	Catalytic Oxidation of Water and Organic Substrates Based on d <sup>0</sup> Metal Nitrido Oxo and 7-
	Coordinate Metal Oxo Active Intermediates
	Prof. Tai-Chu Lau (City University of Hong Kong)

#### Thuesday, 10 May 2016

Session 6 (9:00-10:30) Chair: Prof. Frank Glorius

9:00-9:30	Palladium-catalyzed Trifluoroethylation and Trifluoromethoxylation
	Prof. Guosheng Liu (Shanghai Institute of Organic Chemistry)
9:30-10:00	Novel Robust Self-support Catalysts: Synthesis, Characterization and Applications
	Prof. Tao Tu (Fudan University, Shanghai)
10:00-10:30	Transition Metal Catalyzed B-H Activation and Functionalization of o-Carboranes
	Prof. Zouwei Xie (The Chinese University of Hong Kong)

10:30-10:50 Coffee Break

Session 7 (10:50-12:30) Chair: PD Dr. Ulrich Hennecke

10:50-11:10	Modular bidentate hybrid NHC-thioether ligands and long-chain NHCs - versatile ligands for the
	stabilization of nanoparticles
	Mr. Andreas Rühling (University of Münster)
11:10-11:30	N-Heterocyclic carbene catalyzed enantioselective annulations
	Dr. Chang Guo (University of Münster)
11:30-12:00	Low-coordinate Iron Complexes with NHC Ligation: Synthesis, Reactivity and Catalytic
	Application
	Prof. Liang Deng (Shanghai Institute of Organic Chemistry)
12:00-12:30	A Robust and Efficient Molecular Catalyst Based on Earth-Abundant Metal Ion for Catalytic CO <sub>2</sub>
	Reduction
	Dr. Sharon Lai-Fung Chan (The Polytechnic University of Hong Kong)





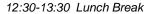












Session 8 (13:30-15:10) Chair: Prof. Bart Jan Ravoo

13:30-13:50	Lessons from Natural Product Synthesis and Methodology Development
	Dr. Xiao-Shui Peng (The Chinese University of Hong Kong)
13:50-14:20	Scandium Imido and Alkylidene Complexes: Synthesis, Structure and Reactivity
	Prof. Yaofeng Chen (Shanghai Institute of Organic Chemistry)
14:20-14:50	Organometallic Frameworks: Formation, Modification and Application
	Prof. Yingfeng Han (Fudan University, Shanghai)
14:50-15:10	Novel electron-catalyzed radical cascade reactions
	Mr. Dirk Leifert (University of Münster)

15:10-15:30 Coffee Break

Session 9 (15:30-17:10) Chair: Prof. Gerhard Erker

15:30-16:00	Phosphorescent Pd(II) Complexes
	Prof. Chi-Ming Che (The University of Hong Kong)
16:00-16:20	Regio- and Stereoselective Cyanotriflation of Alkynes Using Aryl(cyano)iodonium Triflates
	Dr. Xi Wang (University of Münster)
16:20-16:40	Artifical Transmembrane Channels from Unimolecular Organic Nanotubes
	Prof. Junli Hou (Fudan University, Shanghai)
16:40-17:10	Self-assembly of functional nanoparticals
	Prof. Bart Jan Ravoo (University of Münster)
17:10	Closing Remarks



19:00





Conference Dinner at I Galetti







