



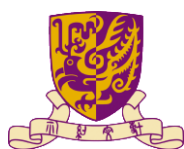
3rd

HONG KONG – SHANGHAI – MÜNSTER

Joint Trilateral Symposium
on Organometallic Chemistry

01-02 May 2013

Westfälische Wilhelms-Universität Münster
Institute of Organic Chemistry



Organized by the SFB 858 and the IRTG 1143

Joint Trilateral Symposium on Organometallic Chemistry

01-02 May 2013, Münster

Wednesday, 01 May 2013

8:45-9:00 Opening Remarks : Prof. Gerhard Erker

Session 1 (9:00-10:30) Chair: Prof. Gerhard Erker (University of Münster)

9:00-9:30

Iron-Catalyzed C–H Functionalization

Prof. Chi-Ming Che (The University of Hong Kong)

9:30-10:00

Organometallic Macrocycles and Cages - from Molecules to Materials and their Application

Prof. Guo-Xin Jin (Fudan University, Shanghai)

10:00-10:30

Fluorine Directed Glycosylation

Prof. Ryan Gilmour (University of Münster)

10:30 Coffee Break

Session 2 (10:50-12:10) Chair: Prof. Armido Studer (University of Münster)

10:50-11:20

Chiral Catalyst Evolution: Rational Design and Serendipity

Prof. Kuiling Ding (Shanghai Institute of Organic Chemistry)

11:20-11:50

Reactivity of Ruthenium (VI) Nitrido Complexes

Prof. Tai-Chu Lau (City University of Hong Kong)

11:50-12:10

Reactions of Cationic Frustrated Zr/P Lewis Pairs with Small Molecules

Dr. Xin Xu (University of Münster)

12:10 Lunch Break

Session 3 (13:40-15:30) Chair: Dr. Olga Garcia Mancheño (University of Münster)

13:40-14:10

Metal-Carborynes in Functionalization of Carboranes

Prof. Zuowei Xie (The Chinese University of Hong Kong)

14:10-14:40

Reactive Rare-Earth Metal Complexes Supported by b-Diketiminato Based Tri- or Tetradentate Ligands

Prof. Yaofeng Chen (Shanghai Institute of Organic Chemistry)

14:40-15:10

Activation of Dihydrogen by Organoboranes

Prof. Huadong Wang (Fudan University, Shanghai)

15:10-15:30

New Complex Cyano-Substituted Structures Derived from a Simple Nitrile Building Block

Mr. Marius J. Strunk (University of Münster)

15:30 Coffee Break

Session 4 (15:50-17:00) Chair: Prof. Ryan Gilmour (University of Münster)

15:50-16:20

Single-Molecular Artificial Transmembrane Channels

Prof. Jun-Li Hou (Fudan University, Shanghai)

Joint Trilateral Symposium on Organometallic Chemistry

01-02 May 2013, Münster

- 16:20-16:40 **Frustrated Lewis Pair Induced Boroauration of Terminal Alkynes**
Ms. Hongyan Ye (Fudan University, Shanghai)
- 16:40-17:00 **Primary/Secondary Phosphine Complexes of Metalloporphyrins and Metallophthalocyanines**
Dr. Jie-Sheng Huang (The University of Hong Kong)

Close of the First Day

Thursday, 02 May 2013

Session 5 (8:50-10:30) Chair: Prof. Frank Glorius (University of Münster)

- 8:50-9:20 **Transition Metal-Catalyzed Direct Fluorination of Organic Compounds**
Prof. Guosheng Liu (Shanghai Institute of Organic Chemistry)
- 9:20-9:50 **Biomimetic Carbohydrate Receptors**
Prof. Bart J. Ravoo (University of Münster)
- 9:50-10:10 **New Strategies in Enantioselective Halocyclization Reactions**
Mr. Michael Wilking (University of Münster)
- 10:10-10:30 **Synthetic Studies towards Total Synthesis of Chloranthaceae and Dhilirolide Family**
Dr. Xiao-Shui Peng (The Chinese University of Hong Kong)

10:30 Coffee Break

Session 6 (10:50-12:10) Chair: Dr. Ulrich Hennecke (University of Münster)

- 10:50-11:20 **Metallohydrogelator Based on Pincer Complexes**
Prof. Tao Tu (Fudan University, Shanghai)
- 11:20-11:50 **Asymmetric Arene Hydrogenation**
Prof. Frank Glorius (University of Münster)
- 11:50-12:10 **Development towards Stable Silver(I) Catalysts**
Dr. Vanessa Kar-Yan Lo (The University of Hong Kong)

12:10 Lunch Break

Session 7 (13:40-15:10) Chair: Prof. Bart J. Ravoo (University of Münster)

- 13:40-14:10 **Activating Carbon-Halogen and Carbon-Hydrogen Bonds with Well-Defined Iron- and Cobalt-NHC Complexes**
Prof. Liang Deng (Shanghai Institute of Organic Chemistry)
- 14:10-14:30 **Bis Triazols: First Anion Recognition Organocatalysis by Weak C–H...Anion Interactions**
Mr. Sören Asmus (University of Münster)

Joint Trilateral Symposium on Organometallic Chemistry

01-02 May 2013, Münster

14:30-14:50 **Divalent Transition Metal Complexes of Arylamido Ligands: Synthesis, Structure and Reactivity**

Dr. Hung-Kay Lee (The Chinese University of Hong Kong)

14:50-15:10 **Synthesis and Biochemical Evaluation of Fluorinated Analogues of Sphingosine-1-phosphate (S1P) Antagonists**

Mr. Vysakh P. Prasad (University of Münster)

15:10 Coffee Break

Session 8 (15:30-16:40) Chair: Prof. Gerhard Erker (University of Münster)

15:30-16:00 **Describing Weak Interactions with Fragment-Based Quantum Chemistry**

Prof. Johannes Neugebauer (University of Münster)

16:00-16:20 **Catalytic C–H Bond Cross Coupling Reactions for Carbon-Nitrogen and Carbon-Carbon Bond Formations**

Dr. Michael Wing-Yiu Yu (The Hong Kong Polytechnic University)

16:20-16:40 **Bifunctional Mesoporous Silica-Nanoparticles – Organo- and Transition Metal Catalytic Approaches to Synergy**

Ms. Sabrina Surmiak (University of Münster)

Close of the Symposium

Locations:

Wednesday, 01 May: lecture room O1

*Thursday, 02 May: Sessions 5 & 6 in lecture room O1
Sessions 7 & 8 in lecture room C2*