



the 2<sup>nd</sup>

# Hong Kong-Münster-Shanghai Joint Trilateral Symposium on Organometallic Chemistry

Shanghai | 2012

Universität Münster  
Münster, Germany

Shanghai Institute of Organic Chemistry, CAS  
Fudan University,  
Shanghai, China

University of Hong Kong,  
City University of Hong Kong,  
Hong Kong SAR, China

Hosted by:  
Department of Chemistry,  
Fudan University

28-29 May, 2012  
Grand Mercure Hotel,  
Yixian Rd. 180, Shanghai

PROGRAM

Monday, 28 May, 2012

8:00 – 8:30 Opening Remarks

**First Section (8:30 – 10:00) Chair: Prof. Guo-Xin Jin**

8:30 – 9:00 Frustrated Lewis Pairs: Some Recent Results

**Prof. Gerhard Erker (Münster)**

8:00 – 9:00 Self-Assembled Coordination Polymer

**Prof. Chi-Ming Che (HKU)**

9:30 – 10:00 Catalytic Asymmetric Dearomatization Reactions

**Prof. Shu-Li You (SIOC)**

10:00 Coffee Break

**Second Section (10:30 – 11:50) Chair: Prof. Kui-ling Ding**

10:30 – 11:00 Catalytic Strategies to Novel Material Architectures

**Prof. Bernhard Rieger (TUM, Guest Speaker)**

11:00 – 11:30 [O-NX] Titanium Complexes Catalyzed (Co)Polymerization of Ethylene and Their Applications

**Prof. Xiuli Sun (SIOC)**

11:30 – 11:50 Self-assembly towards Functional Materials

**Dr. Sharon Lai-Fung Chan (HKU / PolyU, HK)**

11:50 Lunch Break

**Third Section (13:30 – 15:20) Chair: Prof. Yong Tang**

13:30 – 14:00 Cyclodextrin Vesicles: Supramolecular Chemistry of Dynamic Interfaces

**Prof. Bart Jan Ravoo (Münster)**

14:00 – 14:30 Synthesis, Aggregation and Applications of Organometallic Low-Molecular-Mass Gelators

**Prof. Tao Tu (Fudan)**

14:30 – 15:00 Chiral Pyridine-Containing Ligands in Supramolecular Chemistry

**Prof. Hoi-Lun Kwong (CityU, HK)**

15:00 – 15:20 Insertion Reactions of Small Molecules into Five-Membered Zirconacycloalleneoids

**Mr. Georg Bender (Münster)**

15:20 Coffee Break

**Fourth Section (15:50 – 17:50) Chair: Prof. Huadong Wang**

15:50 – 16:20 Single-Molecular Artificial Transmembrane Channels

**Prof. Junli Hou (Fudan)**

- 16:20 – 16:50 Novel Oxidative Functionalizations of C(sp<sup>3</sup>)-H bonds  
**Dr. Olga Garcia (Münster)**
- 16:50 – 17:10 Coordination Driven Self-Assembly of Half-Sandwich Organometallic Building Blocks  
**Mr. Hao Li (Fudan)**
- 17:10 – 17:30 Highly Selective Intramolecular Carbene Insertion into Primary C-H bond of Alpha-Diazoacetamides Mediated by a (p-Cymene)ruthenium(II) Carboxylate Complex  
**Dr. Vanessa Kar-Yan Lo (HKU)**
- 17:30 – 17:50 Effective and Recycleable Organic Catalysis: Immobilized TEMPO-Derivatives in Layered Silicate  
**Mr. David Matuschek (Münster)**

Close of the first day

Tuesday, 29 May, 2012

**Fifth Section (8:30 – 10:10) Chair: Prof. Tao Tu**

- 8:30 – 9:00 Scandium Terminal Imido Complexes: Synthesis, Structures and Reactivities  
**Prof. Yaofeng Chen (SIOC)**
- 9:00 – 9:30 Asymmetric Addition of Halogen Electrophiles to Alkenes  
**Dr. Ulrich Hennecke (Münster)**
- 9:30 – 9:50 Surface Patterning by Microcontact Chemistry  
**Mr. Christian Wendeln (Münster)**
- 9:50 – 10:10 "Click"-Triazoles in Organocatalysis: Inert Structure or Active Function?  
**Mr. Stephan Beckendorf (Münster)**
- 10:10 Coffee Break

**Sixth Section (10:30 – 12:00) Chair: Prof. Shu-li You**

- 10:30 – 11:00 Chemistry with Cyclohexadienes and Cycloadditions using 2-Nitrosopyridine  
**Prof. Armido Studer (Münster)**
- 11:00 – 11:20 Synthesis of N-acylphosphoramidates via Nitrene Insertion into Aldehyde C-H bond  
**Dr. Cong-Ying Zhou (HKU)**
- 11:20 – 11:40 Synthesis of Planar Chiral Ferrocene Phosphorus Ligands and Their Application in FLP Chemistry  
**Mr. Xiaowu Wang (Münster)**
- 11:40 – 12:00 Synthesis of Chiral Bis(pyrrolidines) by a Trans-Selective Diammination of Alkenes  
**Mr. Christian H. Müller (Münster)**

Close of the symposium

Speaker information





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