

# Sino-German Joint Symposium on Frontiers of Functional Supramolecular Systems

21<sup>st</sup>-24<sup>th</sup> April, 2013  
Room 301, Chemistry Building  
Tsinghua University, Beijing, China

## 21<sup>st</sup> April (Sunday)

Registration: Wenjin Hotel

## 22<sup>nd</sup> April (Monday)

8:45-9:00

*Opening Remark*  
**Xi Zhang, Holger Schönherr**

*Chair*

**Liang Zhao** (Tsinghua University)

9:00-9:40

**Frank Würthner** (University of Würzburg)  
*Chlorophyll Dye Assemblies for Biosupramolecular Electronics*

9:40-10:20

**Li-Zhu Wu** (Technical Institute of Physics and Chemistry, CAS)  
*Construction of Artificial Photocatalytic Systems for Hydrogen Evolution Inspired by Natural Photosynthesis*

10:20-10:40

*Coffee Break*

10:40-11:20

**Ralf Weberskirch** (Technical University of Dortmund)  
*Self-Assembled Nanoreactors as Highly Active Catalysts for Hydrophobic Substrates in Water*

11:20-12:00

**Mei-Xiang Wang** (Tsinghua University)  
*Recent Advances in Supramolecular Chemistry of Heteracalixaromatics*

12:00-14:30

*Lunch & Poster Section*

*Chair*

**Zhongqiang Yang** (Tsinghua University)

14:30-15:10

**Dongsheng Liu** (Tsinghua University)  
*Guiding Amphiphilic Molecules to Assemble into Size and Shape Controllable Vesicles*

- 15:10-15:50**                    **Alexander Böker** (RWTH Aachen University)  
*Directing the Self-Assembly of Hybrid (Bio)Nanoparticles*
- 15:50-16:10**                    *Coffee Break*
- 16:10-16:50**                    **Shu Wang** (Institute of Chemistry, CAS)  
*Design of Multi-functional Biohybrid Conjugated Polymers for Sensing and Biomedical Applications*
- 16:50-17:30**                    **Zhan-Ting Li** (Fudan University)  
*Aromatic Foldamers: New Exploration of the Structure-Property Relationship*
- 18:30-20:00**                    *Dinner*

**23<sup>rd</sup> April (Tuesday)**

- Chair*                                **Huaping Xu** (Tsinghua University)
- 9:00-9:40**                        **Holger Schönherr** (University of Siegen)  
*Exploiting Supramolecular Assemblies for Responsive Nanoarchitectures: Fabrication, Characterization and Biomedical Applications*
- 9:40-10:20**                        **Wenke Zhang** (Jilin University)  
*Single-molecule Force Spectroscopy Study of Polymer Interactions in Supramolecular Assemblies*
- 10:20-10:40**                        *Coffee Break*
- 10:40-11:20**                        **Ulrich Jonas** (University of Siegen)  
*Hierarchical Structure and Viscoelastic Properties of Semifluorinated Alkane Monolayers at the Air-Water Interface*
- 11:20-12:00**                        **Guangtao Li** (Tsinghua University)  
*Fabrication of Functional Materials and Chemical Systems by Using Microfluidic Technique*
- 12:00-14:00**                        *Lunch*
- Chair*                                **Dong Wang** (Tsinghua University)

- 14:00-14:40**                      **Xi Zhang** (Tsinghua University)  
*Supramolecular Polymerization Driven by Host-Enhanced Noncovalent Interactions*
- 14:40-15:20**                      **Carsten Schmuck** (University of Duisburg-Essen)  
*Self-Assembling Zwitterions: Building Blocks for Switchable Nanoassemblies*
- 15:20-16:00**                      **Feihe Huang** (Zhejiang University)  
*Supramolecular Polymers Based on Host-Guest Molecular Recognition Motifs*
- 16:00-16:20**                      *Coffee Break*
- 16:20-17:00**                      **Robert Luxenhofer** (University of Würzburg)  
*Fine-Tuning the Amphiphilicity and Structure of Polymers: Controlling the Interactions of Polymer Micelles with Drugs and Biological Entities*
- 17:00-17:40**                      **Zhigang Shuai** (Tsinghua University)  
*Molecular Dynamics Simulation of Supramolecular Assembly and Disassembly*
- 17:40-18:00**                      *Closing Remark*  
**Ulrich Jonas, Mei-Xiang Wang**
- 18:30-20:00**                      *Dinner*

**24<sup>th</sup> April (Wednesday)**

**Hiking: The Great Wall**

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