Sino-German Joint Symposium on Frontiers of Functional Supramolecular Systems

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

21st April (Sunday)

Registration: Wenjin Hotel

22nd 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

23rd 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

24th April (Wednesday)

Hiking: The Great Wall

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