

**Organizer:**

**留德华人化学化工学会**

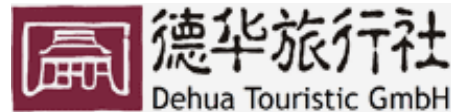
Gemeinschaft Chinesischer Chemiker und Chemieingenieure in Deutschland e.V. (GCCCD, VR 17428)

**Co-Organizers:**

**中国驻德国使馆教育处**

Abteilung für Bildungswesen der Botschaft der  
Volksrepublik China in der Bundesrepublik Deutschland

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## **Conference Program**

### **Saturday, October 04**

**09:30-12:30 Registration**

**12:30-12:40 Opening Remarks:**

**Dr. Jianwei Tong** (Chair of 2014 GCCCD Annual Conference)

**Mr. Qi Dong** (Minister Counselor, the Embassy of P.R. China in Germany)

**12:40-14:05 Session 1: Organic/Polymer** **Chair: Dr. Xiaoyan Cao**

**12:40-13:05** *When ionic liquids meet polymers (O1.1)*

Invited Speaker 1: Dr. Jiayin Yuan

**13:05-13:25** *Iron Catalysis, a Cheap Metal for a Noble Task (O1.2)*

Speaker 1: Dr. Changliang Sun

**13:25-13:45** *Thermoresponsive Polymers of UCST Type for Biomedical Applications (O1.3)*

Speaker 2: Fangyao Liu

**13:45-14:05** *Synthesis of Transition Metal NHC and MIC Complexes via Oxidative Addition of Azoles (O1.4)*

Speaker 3: Hanpeng Jin

**14:05-14:25 Coffee Break**

**14:25-15:15 Session 2: Chemical Industry** **Chair: Dr. Jianwei Tong**

**14:25-14:40** *Status and Development of GCCCD (O2.1)*

Invited Speaker 2: Dr. Xiaoyan Cao

**14:40-15:00** *The German Chemical Industry – History and Present (O2.2)*

Invited Speaker 3: Dr. Xian Wu

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**15:00-15:15**     *BASF – We create chemistry (O2.3)*

Invited Speaker 4: Dr. Gaoping Xue

**15:15-15:55**     **Industrial Forum**     **Chair: Dr. Jianwei Tong**

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**15:55-16:15**     **Coffee Break**

**16:15-18:00**     **Parallel Session 3.1: Nano/Bio-Chemistry**     **Chair: Dr. Jiayin Yuan**

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**16:15-16:40**     *Catalytic Properties of Differently Synthesized ZnPd Nanoparticles in Methanol Steam Reforming (O3.1.1)*

Invited Speaker 5: Dr. Yuan Luo

**16:40-17:00**     *Using fluorescent nanoparticles to monitor manipulation of the endo-lysosomal pathway by intracellular bacteria (O3.1.2)*

Speaker 4: Dr. Yuying Zhang

**17:00-17:20**     *Oxidation of organic pollutants in an innovative biochemical process (O3.1.3)*

Speaker 5: Dr. Yongjun Zhang

**17:20-17:40**     *Nanocomposites from magnetic nanoparticles and meltable biopolymer for remote controlled release system (O3.1.4)*

Speaker 6: Mengbo Zhou

**17:40-18:00**     *Post-polymerization modification using less cytotoxic activated ester polymers for the synthesis of biological active polymers (O3.1.5)*

Speaker 7: Lirong He

**16:15-18:00**     **Parallel Session 3.2: Analytical Chemistry**     **Chair: Dr. Yanze Ren**

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**16:15-16:40**     *Label-free monitoring of heterogeneous catalysis by surface-enhanced Raman spectroscopy (O3.2.1)*

Invited Speaker 6: Dr. Wei Xie

**16:40-17:00**     *Phosphopeptide enrichment from mammalian cell extracts using plastic antibodies (O3.2.2)*

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Speaker 8: Jing Chen

**17:00-17:20** *Molecularly Imprinted Polymer as Sensory Materials for the Selective Detection of Carboxylates via Fluorescence Enhancement (O3.2.3)*

Speaker 9: Wei Wan

**17:20-17:40** *Multi-responsive cellulose nanocrystal-rhodamine conjugates: An advanced structure study by solid-state dynamic nuclear polarization (DNP) NMR (O3.2.4)*

Speaker 10: Li Zhao

**17:40-18:00** *Laser-Based Diagnostics for Aqueous NaCl Solution (O3.2.5)*

Speaker 11: Rongchao Pan

**18:00-18:10 Group Photo**

**18:10-18:50 Poster Session**

**18:20-19:50 GCCCD Meeting and Board Election** **Chair: Dr. Lisong Xiao**

**20:00-23:00 Banquet (Entrance starts 19:30)**

## Sunday, October 05

**09:00-10:25 Session 4: Catalysis/Theoretical Chemistry** **Chair: Dr. Pengfei Gao**

**09:00-09:25** *Electrochemical Oxidation of Formic Acid on Noble Metal Electrodes Studied by Vibrational Sum Frequency Spectroscopy (O4.1)*

Invited Speaker 7: Dr. Yujin Tong

**09:25-09:45** *Doping Effect in Modifying the Surface Properties of Oxide Film (O4.2)*

Speaker 12: Dr. Yi Cui

**09:45-10:05** *Supercapacitors Photochemical processes of solar water splitting (O4.3)*

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Speaker 13: Dr. Xiaojun Liu

**10:05-10:25**     *Carbons for Optimizing Supercapacitors (O4.4)*

Speaker 14: Dr. Qiang Gao

**10:25-10:45**     **Coffee Break**

**10:45-11:55**     **GCCCD Young Researchers Award Session**                     **Chair: Dr. Hongchu Du**

**10:45-10:55**     Introduction of GCCCD Young Researchers Award

Dr. Hongchu Du

**10:55-11:15**     Candidate 1— Jun Zhang

*Understanding Chemistry in a Theoretical Way: Method Development and Application Examples (O5.1)*

**11:15-11:35**     Candidate 2— Gengwen Tan

*Bis-N-heterocyclic carbene as a supporting ligand for low-valent group 13 metal hydrides (O5.2)*

**11:35-11:55**     Candidate 3—Dr. Zhenglong Zhang

*Plasmonic Catalysis on Nanoscale (O5.3)*

**11:55-12:30**     **Awards and Closing remark**                     **Dr. Lisong Xiao (Chair of GCCCD)**

**11:55-12:05**     Poster Prize

**12:05-12:15**     Award ceremony

**12:15-12:30**     Closing remark and acknowledgement

**12:30**             **Leaving**

## Poster Presentations

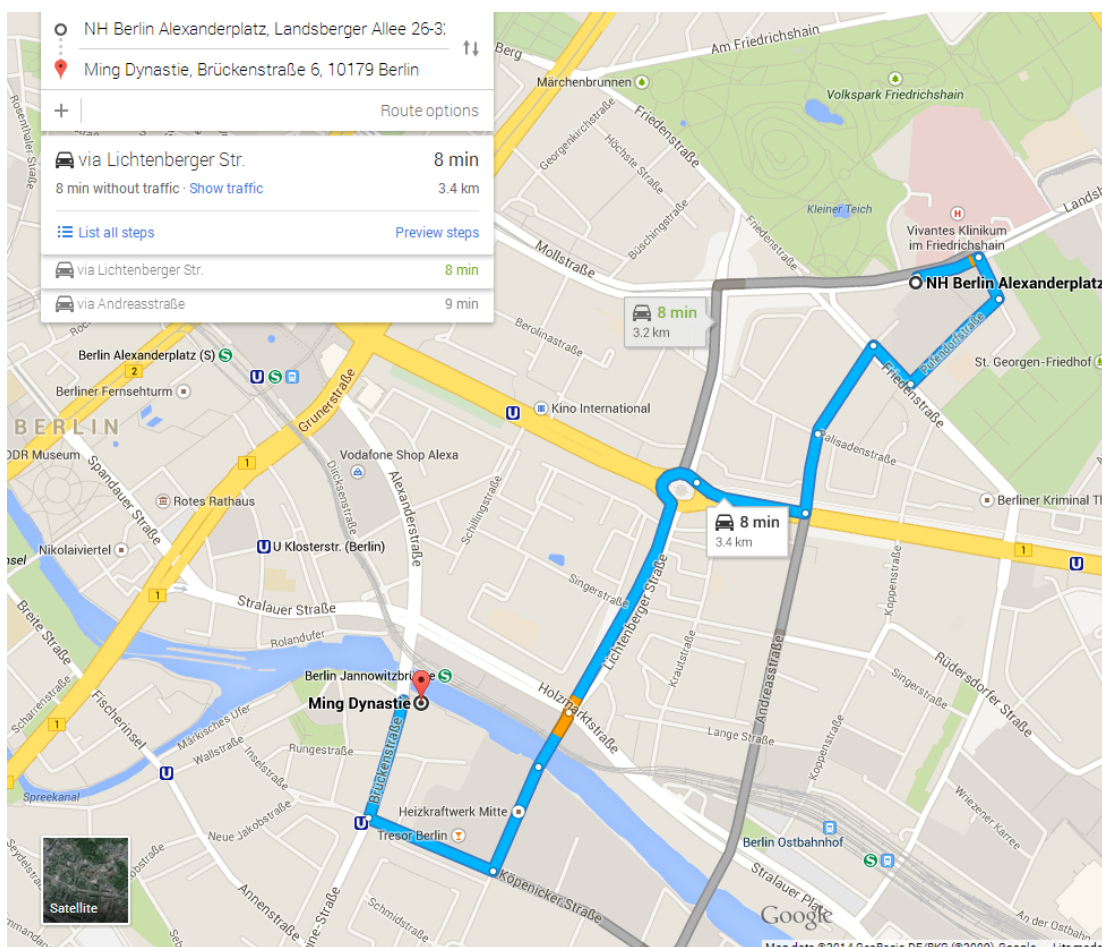
- P1**      *New DOTA-based Metal Complexes for Biopolymer Labeling Using Click Chemistry Reaction*  
Author: Yide HE et.al.
- P2**      *Studies on a Direct Air Capture Process with monolithic Adsorbents*  
Author: Yu QIAO et.al.
- P3**      *Oxidative Palladium(II)-Catalyzed Cross Dehydrogenative Arylation and Alkenylation of Indolines at the C-7 Position*  
Author: Lin-Yu JIAO et.al.
- P4**      *Heavily Eu<sup>3+</sup>-doped boroaluminosilicate glasses for UV/blue-to-red photoconversion with high quantum*  
Author: Guojun GAO et.al.
- P5**      *Sub-Monolayer Water Adsorption on Alkaline Earth Metal Oxide Surfaces: A First-Principles Cascade Genetic Algorithm Study*  
Author: Xunhua ZHAO et.al.
- P6**      *CeO<sub>x</sub> and TiO<sub>x</sub> Functionalized Nanoporous Gold Inverse Catalysts for Water Gas Shift Reaction*  
Author: Junjie SHI et.al.
- P7**      *Laser-Based Diagnostics for Aqueous NaCl Solution*  
Author: Rongchao PAN et.al.
- P8**      *From Chemical Abstracts<sup>TM</sup> to SciFinder<sup>®</sup>: A Brief History of the Chemical Information Searching Tool*  
Author: Xian WU et.al.
- P9**      *Stable Isotope Ratios Determination: One Useful Tool to Study Terpene Biosynthetic Pathways*  
Author: Wenhua TAN et.al.

- P10**      *Ionic liquid as alternative solvents for the ligation of cysteine-containing peptide fragments*  
Author: Ming CHEN et.al.
- P11**      *PBM-CFD based fluid dynamics investigation in a baffled Stirred Tank Reactor: The influence of fluid*  
Author: Shuo ZHANG et.al.
- P12**      *Preparation of amphiphilic gold nanoparticles at liquid-liquid interface and self-assembly in solution*  
Author: Jia TIAN et.al.
- P13**      *High-temperature wetting and interfacial interaction between liquid Al and TiB<sub>2</sub> ceramic*  
Author: Lixia XI et.al.
- P14**      *CO oxidation over ZnO films on Pt(111) at near-atmospheric pressures*  
Author: Bo-hong LIU et.al.
- P15**      *Bottom-up Filling and Additives Selected by Galvanostatic Measurements*  
Author: Xubin LU et.al.
- P16**      *Flexible, on-chip, all solid state microsupercapacitors based on MnO<sub>x</sub>/Au multilayers*  
Author: Wenping SI et.al.
- P17**      *Applications of Computational Chemistry*  
Author: Jilai LI et.al.

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Conference Venue: NH Berlin Alexanderplatz, Landsberger Allee 26-32, 10249 Berlin

Banquet on 4<sup>th</sup> October from 8pm: Ming Dynasty, Brückenstraße 6, 10179 Berlin



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