

**2016 CGCA<sup>®</sup> South Workshop**  
**2016 留德华人化学化工学会南德论坛**



# Program

**Chinese-German Chemical Association (CGCA<sup>®</sup>)**  
**Gemeinschaft Chinesischer Chemiker und Chemieingenieure in**  
**Deutschland e.V. (VR 17428, Cologne)**

# 2016

**March 05**

**Tübingen, Germany**

## WELCOME

It is our great pleasure to welcome you to the CGCA-South Workshop in Tübingen. CGCA<sup>®</sup>, a nonprofit Chinese academic organization of chemistry, chemical engineering and related fields, composes of members who study or work in Germany. We thank around 50 scientists from more than ten cities, and the renowned chemists who have accepted our invitation to attend the Workshop. Special thanks go out to the sponsor of China Embassy in Germany, as well as the organizing committee without whom the workshop would not have been possible. We hope you enjoy the program that was edited by Ms. Xiaoyuan Zhang and Dr. Yanze Ren. Have a fruitful and wonderful time at the workshop and a pleasant stay in Tübingen.

### Organizer

留德华人化学化工学会

Chinese-German Chemical Association (CGCA<sup>®</sup>)

### Sponsor

中国驻德国使馆教育处

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

### Organizing Committee

**Dr. Yanze REN** (President), Grünbeck Wasseraufbereitung GmbH

**PD. Dr. Fajun ZHANG**, University of Tübingen

**Dr. Xiaoyan CAO** (Treasurer), University of Cologne

**Dr. Jun ZHANG** (Information), University of Cologne

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**Dr. Siyao LIU**, University of Tübingen

**Mr. Chenguang ZHOU**, TU München

**Ms. Fang DAI**, University of Tübingen

## Conference Program

**SATURDAY, 05<sup>th</sup> MARCH 2016**

**11:30-12:30 Registration (room C9A03)**

**12:30-12:45 Opening Remarks:**

Dr. Yanze REN (Chair of 2016 CGCA<sup>®</sup> South Workshop)

**12:45-14:10 Session 1: Chemistry and life Chair: Dr. Xiaoyan CAO**

**12:45-13:05** Invited-1. PD. Dr. Fajun Zhang (University of Tübingen)

*Tuning Interactions in Protein Solutions using Charges*

**13:05-13:25** Invited-2. Dr. Si Wu (Max Planck Institute for Polymer Research)

*Near-Infrared-Sensitive Materials Based on Ru Complex Functionalized Upconverting Nanoparticles*

**13:25-13:40** Oral-1. Dr. Jun Zhang (University of Cologne)

*Global Optimization of Molecular Clusters by ABCluster*

**13:40-13:55** Oral-2. Mr. Wenbo Yu (University of Munich)

*Nano-based Immunoassay for Antibiotic Residues Detection in Foodstuffs*

**13:55-14:10** Oral-3. Ms. Xiaoyuan Zhang (Friedrich Schiller University Jena)

*Human Plasma Fibrinogen on Nanostructured Polybutene-1 Thin Films*

**14:10-14:20 Group Photo**

**14:20-15:00 Coffee Break and Poster Session**

**15:00-16:10 Session 2: Chemistry and Methods Chair: PD. Dr. Fajun ZHANG**

**15:00-15:20** Invited-3. Dr. Yanxin Chen (University of Ulm)

*The height activity electrochemical catalyst in the exploitation of the renewable energy*

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- 15:20-15:35** Oral-4. Dr. Xiao Wang (University of Tübingen)  
*Tip-enhanced optical microscopy and spectroscopy*
- 15:35-15:50** Oral-5. Mr. Zhu Liu (TU München)  
*Molecular dynamics simulation of the dielectric permittivity tensor at the water/1,2-dichloroethane (DCE) liquid-liquid interface*
- 15:50-16:10** Invited-4. Dr. Xian Wu (American Chemical Society International, Ltd.)  
*从炼金术到物质科学-近代化学如何在欧洲诞生*
- 16:10-16:50** **Open Discussion** **Chair: Dr. Yanze REN**  
Each person has 1-2 minutes to introduce himself
- 16:50-17:00** **Closing remark and acknowledgement**
- 17:00** **Leaving**

## General Information

### Conference location:

Institut fuer Angewandte Physik room C9A03  
Auf der Morgenstelle 10, 72076, Tuebingen, Germany

### How to find us...

#### *Coming by car*

- from Stuttgart: use the B27 to Tübingen or the A81 towards Singen, Exit Tübingen
- from München: use the A8 towards Stuttgart and the B27 to Tübingen
- from Basel/Freiburg: use the A81 towards Stuttgart, Exit Tübingen

In the city follow the signs towards '*Naturwissenschaftliche Institute, Kliniken*', which bring you to to the campus Morgenstelle. Note that on-campus parking space can be scarce during term, but there is a parking garage (Parkhaus Morgenstelle) north of the campus.

#### *Coming by train*

Arriving in Tübingen main station you will find the bus terminal opposite the railroad station. You can get to the Morgenstelle taking **bus No. 5, 13, 17, 18 or 19**. Get off the bus at the bus stop '*BG Unfallklinik*' or '*Botanischer Garten*' and use the campus map.

### 附: 留德华人化学化工学会报销须知

#### **A** 所有报销申请寄到:

Dr. Xiaoyan Cao-Dolg  
Institute for Theoretical Chemistry,  
University of Cologne  
Greinstr. 4 D – 50939 Köln

#### **B** 报销所需材料:

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#### **C** 报销咨询:

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