

31st CGCA[®] Annual Conference

三十一届留德华人化学化工学会学术年会



Program 2019

9th – 12th May

Leipzig, Germany

Chinese-German Chemical Association (CGCA[®])

Gemeinschaft Chinesischer Chemiker und Chemieingenieure

in Deutschland e.V. (GCCCD, VR 17428, Cologne)

Organizer



留德华人化学化工学会

Chinese-German Chemical Association (CGCA®)

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

Co-organizers

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Welcome

We welcome you all cordially to the 31st Annual Conference of our association, this year in Leipzig.

CGCA[®] (VR 17428, Cologne) is a non-profit Chinese academic organization of chemistry, chemical engineering and related fields. We are composed of members who are currently or used to be studying and working in Germany. The aim of the CGCA[®] Annual Conferences is to bring together scientists and engineers in both academic and industrial research to present and discuss their research newest discoveries and developments in all fields related to chemistry. Via our forum, we aim to provide a great opportunity for networking among researchers and developers from interdisciplinary fields thus create further innovative ideas. In addition, CGCA[®] Young Researchers Awards and the Best Poster Award will be announced. We hope that young talents can benefit here for their future career.

We are grateful to all the participants for your effort and contribution, especially our invited speakers. It is our honour and pleasure to have you all here. We thank greatly our sponsors Springer, SinoJobs, EUTECH Consulting, JIN DUN CHEMICAL; Qingdao Institute of Bioenergy and Bioprocess Technology (Chinese Academy of Sciences), Shanghai University and AcaBridge for their support. Special thanks go to the Education Department of the Chinese Embassy in Germany, Helmholtz Centre for Environmental Research - UFZ, as well as the local organizing committee. Without you this annual conference would not have been possible.

We wish you a fruitful time at our 31st CGCA[®] Annual Conference and an enjoyable stay in Leipzig.

Organizing Committee

May 2019

Organizing Committee

Dr. Chang Ding	Executive vice Chairman / Chairman of the Organizing Committee, Helmholtz Centre for Environmental Research -UFZ
Ms. Weiyang Ouyang	Secretary of Association / Vice Chairman of Organizing Committee, Helmholtz-Centre for Environmental Research - UFZ
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Local Organizing Committee

Dr. Chang Ding	Helmholtz Centre for Environmental Research -UFZ
Ms. Weiyang Ouyang	Helmholtz-Centre for Environmental Research - UFZ
Mr. Wei Li	TU Dresden
Mr. Liangtao Yang	Friedrich-Schiller-University Jena

Conference Program

THURSDAY, 9TH May

Registration and City Tour in Leipzig (exclusively for tour registered participants)

FRIDAY, 10TH May

09:30-11:00 Registration

11:00-11:30 Reception and Opening Remarks

11:30-13:30 Session 1 (Chair: Dr. Yujin Tong)

11:30-12:00 Invited_1: Prof. Dr. Volker Deckert

Optical Spectroscopy at the Nanometer Scale

12:00-12:30 Invited_2: Prof. Dr. Wei Sun

Manganese- and Iron-Catalyzed Enantioselective Oxidation Reactions: Catalysis with Chiral N4 Ligands

12:30-13:00 Invited_3: Dr. Yujin Tong

Vibrational Sum Frequency Spectroscopy as a Powerful Tool for Study Fundamental Processes in Electrochemical Catalytic Reactions

13:00-13:30 Invited_4: Prof. Dr. Qingli Hao

Catalysts for Electrochemical Reduction of CO₂ to C₂ products

13:30-13:50 Poster Session, Coffee Break and Group photo

13:50-16:05 Session 2 (Chair: Dr. Wenlan Liu)

13:50-14:20 Invited_5: Dr. Xian Wu

China's chemical education in the 19th century

14:20-14:50 Invited_6: Prof. Dr. Andreas Köhn

Is Chemistry Computable?

14:50-15:20 Invited_7: Dr. Chang Yang

Towards High Performance p-Type Transparent Conducting Materials with Copper Iodide

15:20-15:50 Invited_8: Prof. Dr. Huangrong Li

Self-healing materials with luminescence characteristic of Ln³⁺

15:50-16:05 Contributed_1: Prof. Dr. Zhigang Yin

Interface Materials for Organic Optoelectronic Devices

16:05-16:20 Poster Session and Coffee Break

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16:20-17:35 Session 3 (Chair: Dr. Chang Ding)

16:20-16:50 Invited_9: Dr. Guobin Jia

Double self-assembly process for deposition of carbon-based nanomaterials for PV applications

16:50-17:20 Invited_10: Prof. Dr. Yang Yu

Recognition and Reactivity in Deep Cavitands

17:20-17:35 Contributed_2: Dr. Bin Lai

Electro-biotechnology: balancing electrons with electrode for biosynthetic process

17:35-17:50 Poster Session and Coffee Break

17:50-18:10 Prof. Dr. Xuefeng Lyu

Talent recruitment plans of Qingdao Institute of Bioenergy and Bioprocess Technology, Chinese Academy of Sciences

18:10-18:30 Mr. Xiao Cheng

Talent recruitment plans of Shanghai University

18:30-19:10 CGCA Member Meeting

20:00-22:10 Conference Banquet

SATURDAY, 11TH May

09:00-10:45	Session 4 (Chair: Dr. Xi Liu)
09:00-09:30	Invited_11: Dr. Kai Xiao <i>Nanoionics: ion transport based energy and sensory system</i>
09:30-10:00	Invited_12: Prof. Dr. Shuangqiang Chen <i>Carbon encapsulated Sn and CuP2 composites with high-energy density for Na ion batteries</i>
10:00-10:15	Contributed_3: Mr. Xubin Lu <i>Novel and High-efficient Three-Dimensional Hybrid Electrode for Vanadium Redox Flow Battery Applications</i>
10:15-10:30	Contributed_4: Dr. Feili Lai <i>Mesoporous carbon electrodes functionalized with manganese oxide nanosplotches for dense, stable and wide-temperature ionic-liquid-based supercapacitors</i>
10:30-10:45	Contributed_4: Mr. Liangtao Yang <i>Earth Abundant Mn/Fe-based Layered Oxides as Cathode for Sodium Ion Batteries</i>
10:45-11:00	Poster Session and Coffee Break
11:00-12:10	Young Researchers Award Competition
11:00-11:10	Chair of YRA: Dr. Ding Chang
Y_1:	Ms. Lin Li (Freie Universität Berlin) <i>Matrix Isolation IR Spectroscopic Study on Molecular Late Transition Metal Fluorides and Oxo Fluorides</i>
Y_2:	Dr. Jiajia Ma (Westfälische Wilhelms-Universität Münster) <i>Visible-Light-Induced Asymmetric Catalysis Directed by Chiral-at-Rhodium Complexes</i>
Y_3:	Ms. Yuwen Wang (Technische Universität Berlin) <i>Bis(N-heterocyclic silylene)xanthene as a Powerful Tool in Transition Metal Catalysis and Main-Group Chemistry</i>
12:10-12:30	Coffee Break
12:30-12:50	Best Poster and Young Researchers Awards
12:50-13:10	Closing remarks

SUNDAY, 12TH May

City Tour in Dresden (exclusively for tour registered participants)

List (incomplete) of Poster Presentations

Poster_01: Xin Liu	<i>Transfer hydrogenation of cyclic carbonate and polycarbonate to methanol and diols by well-defined iron pincer catalysts</i>
Poster_02: Bin Liu	<i>The best bet to boost reactor microbiomes not being lazy</i>
Poster_03: Wenhui Dong	<i>Tunable Fluorescence of a DNA-Templated Polythiophene</i>
Poster_04: Zhenggang Zhang	<i>Wet ball milling for the high quality solid electrolyte synthesis</i>

Venues

Conference Venue

Leipziger KUBUS, Helmholtz-Zentrum für Umweltforschung-UFZ,
Permoserstraße 15, 04318 Leipzig



Walking route from the tram stop Permoser-/Torgauer str. To KUBUS

Dinner venue (20:00-22:00 on Friday, 10th May 2019)

Restaurant Chinas Welt (<http://www.chinaswelt.de/>)

Dohnanyistraße 13, 04103 Leipzig

Reimbursement

a. Required documents for reimbursement:

1. Original receipts/invoices with signatures from reimbursement applicants and all accompanying persons. Online train tickets must have validation stamps from conductors. Receipts without a formal print-out invoice should have the signature from the vendor. In case of loss of original invoices, bank account transfer records should be provided.
2. Filled and signed forms for reimbursement. Please note that the name of reimbursement applicant must be identical to the name of the bank account holder in the reimbursement form and to the name that appears in the receipts/invoices submitted for reimbursement. Due to the different resources of funding for the annual conference, please keep all original bills and tickets and wait for further news for reimbursement.

b. For enquiries please contact:

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For more information about CGCA® Annual Conference, please visit

<http://www.cgca.de/annual2019/>