

留德华人化学化工学会

Gemeinschaft chinesischer Chemiker und Chemieingenieure in Deutschland e.V.

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# Summary of the **GCCCD 2012** **Conference**

## **-Energized by LANXESS**

Chemists and chemical engineers from Germany, France, Luxembourg, China, and New Zealand gathered to exchange ideas, knowledge, and expertise at the GCCCD 2012 Conference-Energized by LANXESS, held at the Department of Chemistry, University of Bonn, October 27, 28, 2012. More than 100 of participants from about 30 organizations have attended the conference. In addition to hearing the latest research and innovation concepts through conference presentations, participants also enjoyed in talking, discussing, and networking with each other during the break sessions. Moreover, the ChemPark Tour at Levekusen kindly afforded by LANXESS AG greatly enriched the format of the program.

The conference was organized by GCCCD, hosted by the NRW branch, and generously sponsored by the LANXESS AG, EVONIK AG, and BASF AG. The Educational Office of the Chinese Embassy in Germany has been providing the GCCCD with long term solid financial support, due to which the continuity of the GCCCD Conference has been guaranteed. The facilities and services kindly afforded by the Department of Chemistry, University of Bonn and the Institute for Theoretical Chemistry, University of Cologne are essential for the success of the conference.

On October 27, 13:00, after short welcome remarks given by the Chair of the conference Dr. Hongchu Du, the conference was opened by a stimulating speech delivered by Mr. Consul Xiaolv Liu, the Dean of the Educational and Cultural Office, Chinese Consulate in Frankfurt. Thereafter, four invited talks and sixteen contributed talks covered the latest developments in theoretical chemistry, electron microscopy, nanoscience, sustainable energy, and industrial innovations. The first invited speaker, Prof. Michael Dolg, highlighted the relativistic effects in electronic structure calculations for heavy element compounds. The second invited speakers, Prof. Dr. Joachim Mayer presented the new developments and applications of ultrahigh resolution transmission electron microscopy.

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Two invited speakers Dr. Harjinder S. Bhatti and Dr. Thomas Früh from Evonik AG and LANXESS AG respectively gave valuable concepts and insights into recent innovations in chemical industry. On October 28, at the end of the conference presentations, Dr. Jianmin Shi, the President of the Board of GCCCD, announced the close of the conference. The last program of the conference, the Chem Park Tour at Levekusen, started on October 28, 14:00, which was kindly afforded by LANXESS AG. The Chem Park Tour provided the participants an opportunity to see the developments of the German chemical industry in reality.

We appreciate all the invited and contributed speakers, all the participants, and all the sponsors and supporters. Without all your contributions we will not have been able to organize the conference so successful so far. We look forward to your conference evaluations to see how we can best keep up the GCCCD conferences in regional and international networks and exchanges. In particular, we ask for your opinion on how we can improve the conferences to make them most useful to you. Please tell us: if something has been left out, what changes should be made, how you liked the conferences themselves, and what you think of the format.

(Drafted by Hongchu Du, November 2, 2012)