

Conference Call

Chemical Industry of Sustainable Development

by *Zaiku Xie*

The IUPAC Committee on Chemistry and Industry (COCI) has held regional workshops in the past. The 5th and latest was held in Beijing on 12 September 2016. The workshop was planned and hosted by Dr. Zaiku Xie and members of his team. Dr. Xie is Director of the Science & Technology Department at SINOPEC and a Titular Member of COCI. COCI members are grateful to Dr. Xie and SINOPEC for hosting an excellent Workshop. The following is a summary of the meeting, which was well attended and praised by the attendees in the discussion session at the end of the meeting.

We were also honoured to have the Vice-President of IUPAC, Professor Qi-Feng Zhou of Peking University, to open the workshop. He participated throughout the day and entertained us at the Peking Duck banquet, which was kindly hosted by SINOPEC.



The COCI Regional Workshop in Beijing was the 5th such workshop organised by members of the committee and held in different global regions and with relevant topical agendas. This workshop brought together speakers from China, Korea, India, and Switzerland. The focus of the meeting was Sustainability and how industry is working towards this goal.

In addition to Prof. Qi-Feng Zhou, the Workshop was opened with welcoming remarks by Dr. Zaiku Xie, the host of the Workshop, and Dr. Bernard West, the Chair of COCI. There were also several local speakers, as well as members of COCI from Canada, USA/Netherlands, Japan, Belgium, Switzerland, Korea, and Russia.

The workshop was divided into three sessions, with Q&A, including the following presentations. A fourth open session was held to enable broader questions.

- Sustainable Development of Refining and Chemical Industry in China, by Dingyi Hong
- Process Intensification: Hige Technology as an Example, by Jian-Feng Chen
- Vehicle Fuel Upgrading Technologies in China, by Mingfeng Li
- Methanol to Olefins Technologies Developed by SINOPEC, by Jiawei Teng
- Development and Prospect of Biomass Energy, by Kai Qiao
- Status of Safety, Environment and Health in Indian Chemical Industry, by Dr. B. Saha
- Responsible Care in China, by Housheng Xu
- Safety Engineering Technology and Response Care for petrochemical industry, by Wei Xu

The agenda and summaries of the presentations, and discussion points are available from the COCI webpage.

www.iupac.org/body/022 or www.iupac.org/project/2016-020-1-022

Bioinspired and Biobased Chemistry & Materials

by *Frédéric Guittard*

The 3rd International Conference on Bioinspired and Biobased Chemistry & Materials (NICE-2016) took place in Nice, France, 16-19 October 2016 and was co-sponsored by IUPAC, MRS, and E-MRS. The meeting took stock of the current state of biobased and bioinspired chemistry and materials. This meeting was the third in the series, following successful meetings held on a similar topic in 2014 and 2012. This edition was also supported by most of the relevant organizations in the field of biomimetics, such as Biomimicry Germany, Biomimicry Switzerland, Biomimicry UK, Institut Biomimetisme Francophone, Biomimicry.be, and CEEBIOS. The acronym of the conference is N.I.C.E: "Nature Inspires, Chemistry Engineers" and the aim of the conference is to share new developments in the growing field of bioinspired chemistry and materials. Among the topics discussed were: green chemistry, nanomaterials, renewable energy, stimuli-responsive, adhesive/anti-adhesive, functional polymers, and biobased chemistry and materials, grouped in three