

Special Issue

**Green Chemistry and Future Energy : 12th
Joint Conferece of The Chinese Society of
Chemical Sciences and Technologies in the UK
and The Chinese UK Section of the Society of
Chemical Industry**



旅英中国学人化学科学与技术学会

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Preface

This special issue is devoted to papers that were presented at the 12th joint Conference of the Chinese Society of Chemical Science and Technology in the UK (CSCST) and the Chinese-UK Section of the Society of Chemical Industry (SCI-CS). The conference was held on 24 September 2005 at The University of Nottingham, UK.

The CSCST is a non-profitable academic organization that aims to promote idea exchange and collaboration between academia in China and UK in a broad chemistry and chemical related field. The society was established in 1992 and its members are Chinese chemists, chemical technologists, and chemical engineers who are currently or had been working/studying in the UK. The society has endeavored to bridge China-Britain collaboration since its foundation and has been recognized by professional bodies in both countries.

One of the highlighted activities of the society is its annual conference, which has different themes every year on chemical and chemistry related topics. The 12th joint conference focused on the green chemistry and future energy for sustainable development. Well over 100 delegates from universities and industries both in UK and China attended the conference with invited guests from the Chinese Embassy in London and the Society of Chemical Industry (SCI). Professor Zhanfeng Cui (University of Oxford), Professor Zhibing Zhang (University of Birmingham), Professor James Harrison (British Coal Utilization and Research Association) and Professor Martyn Poliakoff (University of Nottingham) delivered keynote speeches in the subjects of clean energy, particle probing, hydrogen economy and supercritical water process. These were followed by a number of plenary oral and poster presentations.

The 23 selected papers published in this special issue, all original contributions followed by the standard peer-review process of the journal, cover a wide spectrum from hydrogen economy, green chemistry, sustainable development to chemical engineering; from micro/nano scale studies to industrial scale process/equipment evaluations. These papers give a snapshot of the research activities of the Chinese chemists and chemical engineers in the UK.

The CSCST is grateful to all the participants of the conference; the financial support from the Chinese Embassy in London and the SCI; Drs. Tao Wu, Tiancun Xiao, Cigang Xu, Hu Zhang and other members of the CSCST-UK and SCI-CS committees for organizing the conference; Drs. George Zheng Chen, Yulong Ding, Li Jiang, Caiyuan Ma, Wenhui Song, Wuzong Zhou, Professors Zhanfeng Cui, Jianren Lu, Zhibing Zhang and other referees for reviewing the manuscripts and, last but not least, Dr Muzhong Shen for organizing the review process. I sincerely hope this special issue brings some novel ideas and useful data to the readers, and serves as a bridge for future collaboration between research groups in UK and China.

Dr. Dongsheng Wen
Chairman of the CSCST