available at www.sciencedirect.com journal homepage: www.elsevier.com/locate/chnjc

Editorial (Special Issue on the International Symposium on Environmental Catalysis (ISEC 2016))

Preface to Special Issue on the International Symposium on Environmental Catalysis (ISEC 2016)

With a growing awareness of pollution and increasing demands for environmental protection, a great deal of effort is being put into the development of catalysts with improved activity for the abatement of pollutants, which are mainly emitted by industrial plants and transport vehicles. Therefore, we organized the International Symposium on Environmental Catalysis (ISEC 2016), one of the post-Satellite Symposia of the 16th International Congress on Catalysis (ICC16), which took place between the 9th and 11th July 2016 at the South-Central University for Nationalities, Wuhan, China. Our objectives were the following: to provide an international forum for the exchange of information, to identify technical problems, and to establish direction for future research by appraising recent technology trends and theoretical investigations into environmental issues.

More than 100 participants attended, and 10 keynote lectures, 15 invited lectures, and 36 post-presentations were delivered at the symposium. Presentation topics included wastewater treatment by photo(electro)catalysis, catalytic conversion of waste plastics, catalytic purification of vehicle exhausts, and catalytic oxidation of volatile organic compounds (VOCs). We would like to thank all the foreign and domestic participants for their presentations and attendance, and we would especially like to express our sincere thanks to the following invited speakers for their acceptance of our invitation:

Prof. Hiromi YAMASHITA from Osaka University

Prof. Neil J. COVILLE from the University of the Witwatersrand

Prof. Wongyong CHOI from the Pohang University of Science and Technology

Prof. Abhaya K. DATYE from the University of New Mexico

Prof. Suresh C. PILLAI from the Institute of Technology Sligo

Prof. Yongfa ZHU from Tsinghua University

Prof. Zhengping HAO from the Chinese Academy of Sciences

Prof. Chuncheng CHEN from the Chinese Academy of Sciences

Prof. Lizhi ZHANG from the Central China Normal University
We also thank Prof. Heqing TANG, the secretary of the symposium, and the organizing committee, who efficiently handled many complicated logistics problems.

This special issue contains 24 invited papers that cover the most important aspects of environmental catalysis, including photocatalytic degradation of organics in water, the catalytic oxidation of VOCs such as formaldehyde and toluene, visible light photocatalytic removal of NO, and photocatalytic hydrogen generation.

As guest editors, we express our sincere thanks to the authors who contributed to this special issue. We also thank the reviewers for helping to improve the papers, and providing their reviews in a short time. Finally, we would like to thank Dr. Junwang TANG, the Associate Editor-in-Chief, for handling the manuscripts, and the editorial staff of the journal for their help in preparing this special issue.

Prof. Jinlin Li (Guest Editor)

Key Laboratory of Catalysis and Materials
Science of the State Ethnic Affairs
Commission and Ministry of Education,
South-Central University for Nationalities
E-mail address: lij@mail.scuec.edu.cn

Prof. Jiaguo Yu (Guest Editor)

State Key Laboratory of Advanced
Technology for Material Synthesis and
Processing, Wuhan University of
Technology
E-mail address: jiaguoyu@yahoo.com