



Contents lists available at ScienceDirect

## Catalysis Today

journal homepage: [www.elsevier.com/locate/cattod](http://www.elsevier.com/locate/cattod)

## Preface

The Symposium on Catalysis for Hydrogen Energy Production and Utilization was held on July 20–22 at Hyundai Hotel, Gyeongju, Korea as a post-symposium of the 14th International Congress on Catalysis (July 13–18, 2008; COEX, Seoul, Korea). Hydrogen energy is expected to deliver clean and sustainable power to the world in near future, yet there are many technological, social and economic barriers to the realization of hydrogen economy. Catalysis is a key to the development of the related technologies of hydrogen production, storage, and utilization. This three-day conference brought together leading experts from around the world to share their knowledge, experience and insight on the subjects.

The symposium has marked a success with 132 papers presented. A variety of subjects related with the catalysis for hydrogen such as fuel cell, reforming of hydrocarbons, hydrogen adsorption, and hydrogen production were covered and discussed. The symposium was a good opportunity not only to exchange scientific information on the catalytic research on hydrogen but also to strengthen the friendship among participants from all around the world. The organizing committee greatly appreciates enthusiastic participation and supports received from all of the participants. We wish to thank industrial and institutional sponsors for their generous supports as well.

The organization committee planned a special symposium issue in this journal to commemorate this fruitful academic meeting and set the title for this special issue as *Catalysis for Hydrogen Energy Production and Utilization*. Only a limited number

of papers were selected and total 41 papers are included in this special issue. The technical topics of this issue are particularly focused to the critical role of catalysis in fuel cell and reforming for hydrogen generation.

Special thanks go to Prof. K. Domen, the former Associate Editor, who supported the initiation of this issue and Dr. Ross, the Editor of Catalysis Today, whose valuable advice was critical in editing this issue. The Editors thank the anonymous reviewers for their voluntary but unacknowledged efforts and Ms. Rosie Malone for her service and dedication as the Journal Manager. Finally, we would like to thank all of the authors for contributing original papers to this issue.

Jae Sung Lee\*

Dept. of Chemical Engineering, Pohang University of Science and Technology (POSTECH), Pohang 790-784, Republic of Korea

Wonyong Choi\*

School of Environmental Science and Engineering, Pohang University of Science and Technology (POSTECH), Pohang 790-784, Republic of Korea

\*Corresponding authors

E-mail addresses: [jlee@postech.ac.kr](mailto:jlee@postech.ac.kr) (J.S. Lee)  
[wchoi@postech.ac.kr](mailto:wchoi@postech.ac.kr) (W. Choi)