

Preface

2012 International Workshop on Materials for Energy Conversion and Storage was held from March 23 to 25, 2012, in Shenzhen, China. This Workshop was co-sponsored by Graduate School of Harbin Institute of Technology at Shenzhen (China) and Royal Institute of Technology (Sweden) and supervised by the Science and Technology Bureau of Shenzhen Government.

Utilizing new energy is one of the ways to decrease carbon emission, optimize energy structure and realize sustainable development. New energy materials are important for guiding and supporting the development of new energy and are extensively used in the new energy systems. The goal of this workshop, therefore, is to provide a forum for researchers, engineers and students to disseminate their latest research results and exchange experimental views concerning the latest developments in the field of new energy materials.

More than 80 scholars and students have brought their most recent information and participated this meeting and 91 papers were presented in the oral and poster sessions, respectively. After the review process, 69 papers submitted by the participants were finally accepted for publication in this proceeding.

I would like to thank all members of the symposium committees and the organization staffs, for their hard work before, during and after the meeting. I am also greatly thankful to the participants for their great efforts and cooperation for the brilliant success of this event.

Hopefully this proceeding would be beneficial to all the participants of the workshop and the readers.

Prof. Huayu Zhang

Graduate School at Shenzhen
Harbin Institute of Technology
Shenzhen, China