

## Preface

MECB2012 is a comprehensive conference, and it is an integrated conference concentrating its focus upon Material Engineering, Chemistry and Bioinformatics. In the proceeding, you can learn much more knowledge about Material Engineering, Chemistry and Bioinformatics of researchers all around the world. The main role of the proceeding is to be used as an exchange pillar for researchers who are working in the mentioned field. In order to meet high standard of *Advanced Material Research*, the organization committee has made their efforts to do the following things. Firstly, poor quality paper has been refused after reviewing course by anonymous referee experts. Secondly, periodically review meetings have been held around the reviewers about five times for exchanging reviewing suggestions. Finally, the conference organization had several preliminary sessions before the conference. Through efforts of different people and departments, the conference will be successful and fruitful.

MECB2012 is co-sponsored by ISER Association, Beijing Gireida Education Research Center and VIP-Information Conference Center, China. The goal of the conference is to provide researchers from Material Engineering, Chemistry and Bioinformatics fields with a free exchanging forum to share the new ideas, new innovation and solutions with each other. In addition, the conference organizer will invite some famous keynote speaker to deliver their speech in the conference. All participants will have chance to discuss with the speakers face to face, which is very helpful for participants.

During the organization course, we have got help from different people, different departments, different institutions. Here, we would like to show our first sincere thanks to Mr. Thomas Wohlbier, Anne and Trans Tech Publications for their kind and enthusiastic help and support for our conference. Secondly, the authors should be thanked too for their enthusiastic writing attitudes toward their papers. Thirdly, all members of program chairs, reviewers and program committees should also be appreciated for their hard work.

In a word, it is the different team efforts that they make our conference be successful on July 14-15, Xi'an, China. We hope that all of participants can give us good suggestions to improve our working efficiency and service in the future. And we also hope to get your supporting all the way. Next year, In 2013, we look forward to seeing all of you at MECB 2013.

May, 2012

MECB committee

## Committee

### Honor Chairs

Prof. Chen Bin, Beijing Normal University, China

Prof. Hu Chen, Peking University, China

Chunhua Tan, Beijing Normal University, China

Helen Zhang, University of Munich, China

### Program Committee Chairs

Xiong Huang, International Science& Education Researcher Association, China

LiDing, International Science& Education Researcher Association, China

Zhihua Xu, International Science& Education Researcher Association, China

### Organizing Chair

ZongMing Tu, Beijing Gireida Education Co.Ltd, China

Jijun Wang, Beijing Spon Technology Research Institution, China

Quanxiang, Beijing Prophet Science and Education Research Center, China

### Publication Chair

Zhihua Xu, International Science& Education Researcher Association, China

Sally Wang, Beijing Normal University, China

### Committee

Sally Wang, Beijing normal university, China

LiLi, Dongguan University of Technology, China

BingXiao, Anhui university, China

Z. L. Wang, Wuhan university, China

Moon Seho, Hoseo University, Korea

Kongel Arearak, Suranaree University of Technology, Thailand

Zhihua Xu, International Science& Education Researcher Association, China

Xiangrong Jiang, Wuhan University of Technology, China

LiHu, Linguistic and Linguidtic Education Association, China

Moon Hyun, Sungkyunkwan University, Korea

Guangwen, South China University of Technology, China

Jack.H. Li, George Mason University, USA

Marry. Y. Feng, University of Technology Sydney, Australia

Li Hu, Wuhan University of Science and Technology, China,

ZhongYan, Wuhan University of Science and Technology, China

Haiquan Huang, Hubei University of Technology, China

Xiao Bing, Wuhan University, China

Brown Wu, Sun Yat-Sen University, China

### Co-sponsored by

International Science& Education Researcher Association, China

Beijing Gireida Education Research Center

VIP-Information Conference Center, China