

Preface

EMMA2014 is a comprehensive conference, and it is an integrated conference concentrating its focus upon Energy, Chemistry, Materials and Informatization. In the proceeding, you can learn much more knowledge about Energy, Chemistry, Materials and Informatization 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.

EMMA2014 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 environment science, material application and applied technology 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 August 23-24, 2014, Wuhan, 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 2015, we look forward to seeing all of you at EMMA2015.

July, 2014

EMMA 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

Li Ding, 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

Li Li, Dongguan University of Technology, China

Bing Xiao, 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

Li Hu, Linguistic and Linguistic Education Association, China

Moon Hyan, 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,

Zhong Yan, 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