

Preface

International Conference on Advances in Materials Science and Engineering (AMSE 2012) is held on December 9-10, 2012, Seoul, Korea.

The proceedings of AMSE2012 have been published by Advanced Materials Research, Trans Tech Publications. The proceedings include more than 130 excellent papers selected from more 450 submitted paper(s) whose authors involved at least 25 countries and areas such as Algeria, Armenia, China, Czech Republic, Hong Kong, China, India, Indonesia, Iran, Italy, Japan, Kazakhstan, Korea, Malaysia, Norway, Pakistan, Russian Federation, Rwanda, Saudi Arabia, Singapore, Sweden, Taiwan, Thailand, Turkey, United States, etc.

The conference is intended to bring together the researchers and engineers/technologists working in the multifaceted aspects of Materials Science and Engineering.

In addition to the contributed papers, the conference committee has invited papers by active researchers from various countries in relevant topic areas covered at AMSE2012 . And experts from several countries are invited to deliver plenary/Keynote lectures at AMSE2012 .

Much of the success of the conference is due to topic coordinators who have devoted their expertise and experience in promoting and in general co-ordination of the activities for the organization and operation of the conference. The coordinators of various session topics have devoted a considerable time and energy in soliciting papers from relevant researchers for presentation at the conference. The Chairs of the different sessions played important roles in conducting the session in a timely and efficient manner, I am on behalf of the Committee, expresses sincere appreciation for their involvement.

The reviewers of the manuscripts, those by tradition would remain anonymous, have been very helpful in efficiently reviewing the manuscripts, providing valuable comments well within the time allotted to them. The Editors express their sincere and grateful thanks to all reviewers.

The 2012 International Committee is proud to dedicate this conference proceeding to Wei Lee, Melbourne ACM Chapter Chair, Australia; Jun Zhang, Huazhong University of Science and Technology, China; Minli Dai, Suzhou University, China; they are not only outstanding and visionary researchers but also humble leaders. Finally, our sincere thanks to the support from technology program committee for designing the conference webpage and also spending countless days in preparing the final conference program in time for printing. Many thanks to Miss Han: AMSE2012 secretary for arranging to type a large number of the invitation letters and for establishing the vast AMSE2012 conference address database. Sincere thanks to our organization committee for their several months' hard work in sorting out manuscripts from various authors. Also thanks to other staffs assisting in the various stage of the editorial work, especially the international committees of our conference.

Ying Zhang and Ping He

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