

Preface of the 2012 International Conference on Emerging Materials and Mechanics Applications (ICEMMA 2012)

Elwin Mao, and Wenya Tian

The 2012 International Conference on Emerging Materials and Mechanics Applications (ICEMMA 2012) will be held on Feb. 5-6, 2012, Hangzhou, China. ICEMMA was initially created by a network of researchers and engineers both from academia and industry in the areas of materials and mechanics applications.

The main target of ICEMMA is to provide an idea-exchange and discussion platform for the world's enterprises and academia, where internationally recognized researchers and practitioners share cutting-edge information, exchange and build upon ideas, and explore emerging and new materials and mechanics applications.

The International Program Committee (IPC) of ICEMMA 2012 consists of more than 15 experts in the related fields both from academia and industry. ICEMMA 2012 received more than 450 full-paper submissions from 10 different countries around the world. These submissions were sent to the members of the IPC and additional reviewers for review. Every submission received at least two independent reviews. We would like to thank the IPC members and the reviewers for their hard work and dedication. The final acceptance rate of ICEMMA 2012 is about 40%, that is, only 182 papers are accepted by the conference.

All accepted papers are published in this special volume, which intends to address the hottest issues in materials and mechanics applications. The volume covers a wide series of topics in the area, including industrial materials, mechanics applications, material engineering, applied mechanics for materials, applied materials, etc.

On behalf of the IPC, we would like to welcome the delegates and their guests to the ICEMMA 2012. We hope that you will enjoy the conference and find the ICEMMA 2012 Program exciting.

Committees:

Dr. Raj Das (Department of Mechanical Engineering, Centre for Advanced Composite Materials, University of Auckland)

Dr. Aiming ji (Soochow University)

Dr. Chuanhuang Li (Zhejiang Gongshang University)

Dr. Gen Li (Autodesk)

Dr. Guozhou Zheng (Zhejiang University)

Associate Prof. Hun Sun (Zhejiang Police Vocational Academy)

Dr. Hui Wang (Tsinghua University)

Dr. Huijiao Wang (Zhejiang Sci-Tech Univertiy)

Dr. Jingjing Zhou (Zhejiang Gongshang University)

Dr. Lucca Lu (Institute of Electronic and Information Technology)

Prof. Linli Xu (University of Science and Technology of China)

Prof. Mahmoud Abdel-Aty (University of Sohag)

Dr. Elwin Mao (Institute of Electronic and Information Technology)

Prof. Wenya Tian (Zhejiang Economic & Trade Polytechnic)

Dr. Xiaoqing Zheng (Fudan University)

Mrs. Yan Wei (Semiconductor Manufacturing International Corporation)

Prof. Zhongmei Zhou (Zhangzhou Normal University)

Sponsors:

Institute of Electronic and Information Technology

Zhejiang Economic & Trade Polytechnic