

Preface

The 2013 International Conference on Information Engineering for Mechanics and Materials (ICIMM 2013) will be held on July 5-7, 2013, Hangzhou, China. ICIMM 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 ICIMM 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 ICIMM 2013 consists of more than 15 experts in the related fields both from academia and industry. ICIMM 2013 received more than 150 full-paper submissions from 8 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 ICIMM 2013 is about 40%, that is, only about 60 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 ICIMM 2013. We hope that you will enjoy the conference and find the ICIMM 2013 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 Univerty)

Dr. Jingjing Zhou (Zhejiang Gongshang University)

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

Prof. Mahmoud Abdel-Aty (University of Sohag)

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