Message from the General Chair

The 2013 International Conference on Mechanical and Automation Engineering (MAEE2013) is sponsored by Huazhong University of Science and Technology and China Three Gorges University in the beautiful city of Jiujiang. We would like to express our sincere appreciation for their supports to the conference. On behalf of organizing committee, I would like to welcome all of you to Jiujiang, China for MAEE 2013.

The MAEE 2013 provides a high level international forum to bring together industry professionals, academics, and individuals from institutions, industrials and government agencies to exchange information, share achievements, and discuss the advancement in the fields of New Mechanical and Automation Engineering, Advanced manufacturing technology, Design Technology, Manufacturing Systems and Automation, and discussed the practical challenges encountered and the solution adopted.

The MAEE2013 tends to collect the latest research results and applications on mechanical and automation engineering. It includes a selection of 58 papers from 215 papers submitted to the conference from universities and industries all over the world. All of accepted papers were subjected to strict peer-reviewing by two to four expert referees. The papers have been selected for this volume because of quality and the relevance to the conference.

The organizing committee hopes this conference proceedings will provide readers a broad overview of the latest advances on mechanical and automation engineering. The organizing committee also believes this conference proceedings would be a good reference for academic researchers and industrial professionals in the fields of mechanical engineering and automation engineering.

The MAEE 2013 would like to express our sincere appreciations to all authors for their contributions to this conference. We would like to extend our thanks to all the referees for their constructive comments on all papers; especially, we would like to thank to organizing committee for their hard working. Finally, we would like to thank the IEEE Computer Publishing Service for producing this conference proceeding.

Dr. Jiamei Deng, Kingston University, United Kingdom
MAEE2013 General Chair