

Preface

It is our pleasure to welcome you to the 2013 International Conference on Precision Mechanical Instruments and Measurement Technology (ICPMIMT 2013) in Shenyang, China. ICPMIMT 2013 is the first conference dedicated to issues related to Measurement, Instruments, Electronics and Information Technology, Materials Science, Mechatronics, Control and Monitoring. A major goal and feature of it is to bring academic scientists, engineers, industrial researchers together to exchange and share their experiences and research results about most aspects of Measurement, Instruments, Electronics and Information Technology, Materials Science, Mechatronics, Control and Monitoring, and discuss the practical challenges encountered and the solutions adopted.

We hope you will have a technically rewarding experience, and use this occasion to meet old friends and make many new ones. Don't miss the opportunity to explore in Shenyang, China. And don't forget to take a sample of the many and diverse attractions in the rest of the China.

ICPMIMT 2013 promises to be both stimulating and informative with a wonderful array of keynote and invited speakers from all over the world. Delegates will have a wide range of sessions to choose from and will have a difficult decision in deciding which sessions to attend.

The program consists of invited sessions, and technical workshops and discussions with eminent speakers covering a wide range of topics in Measurement, Instruments, Electronics and Information Technology, Materials Science, Mechatronics, Control and Monitoring. This rich program provides all attendees with the opportunities to meet and interact with one another. We hope your experience with ICPMIMT 2013 is a fruitful and long lasting one. With your support and participation, the conference will continue its success for a long time.

We would like to thank the organization staff, the members of the organizing committees and reviewers. They have worked very hard in reviewing papers and making valuable suggestions for the authors to improve their work. We also would like to express our gratitude to the external reviewers, for providing extra helps in the review process, and the authors for contributing their research result to the conference. Special thanks go to TTP Publisher.

We wish all attendees of ICPMIMT 2013 an enjoyable scientific gathering in Shenyang, China. We look forward to seeing all of you next year at the conference.

Organizing Committee