ICMTMA 2018 Preface

Measurement technology, especially for intelligent measurement technology are now playing a very important role in many fields such as industrial automation, agriculture automation, transportation and communication, social service system and etc., and the trend of the measurement technology is combination of sensor, signal processing, intelligent evaluate and decision, communication and self diagnose and other related technology. Mechanical automation are also widely used and developed faster and faster such as robot technology, digital manufacturing and extreme manufacturing, and it is changing our life greatly now. In order to provide an international forum to exchange ideas for the domestic and foreign scholars and experts from the related fields, The ICMTMA 2018 will brings together an international community of researchers and practitioners in the field of the related domain to discuss the latest advancements of the discipline, shape its future directions, and promote its diffusion among the scientific community at large.

ICMTMA 2018 was sponsored by Department of Urban Management, Hunan City University, Shenzhen Research Institute of Central South University, Communication Research Institute of Changsha University of Science and Technology, and was held in Changsha, Feb 10-11, 2018. It is an annual forum dedicated to the emerging and challenging topics in measurement technology and mechatronics.

ICMTMA 2018 has received more 293 submissions from 5 countries and regions. All papers went through a rigorous peer review procedure and each paper received at least two review reports. Based on the review reports, and finally about 129 high quality papers was accepted and included in the proceeding book.

On behalf of the organizing committee, we thank for Department of Urban Management, Hunan City University, Shenzhen Research Institute of Central South University, Communication Research Institute of Changsha University of Science and Technology for its sponsorship and logistics support. We gratefully acknowledge CPS, and we also thank the members of organizing committees and the program committees. We wish to express our heartfelt appreciation to the keynote speakers, reviewers, CPS editors and students help. Last but not least, we thank all the authors and participants for their great contribution that made this conference possible and all the hard work worthwhile.

We hope to see you at ICMTMA 2018.

Yihu Wu
Yisheng Guan

ICMTMA 2018 General Chairs