

# Preface

Dear Distinguished Authors and Guests,

The Organizing Committee warmly welcomes you to 2012 the 2nd International Conference on Mechatronics and Applied Mechanics (ICMAM2012) (TTP Conference ID: 679), held on 6-7 December, 2012 at Hong Kong and on December 8-9, 2012 at Taipei.

The aim of 2<sup>nd</sup> ICMAM2012 is to present the latest research and results of scientists (professors, students, PhD Students, engineers, and post-doc scientist) related to Mechatronics and Applied Mechanic topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

After the peer-review process, the submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference. The selected papers and additional late-breaking contributions to be presented as lectures will make an exciting technical program. The conference program is extremely rich, featuring high-impact presentation. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field.

The proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Mechatronics and Applied Mechanics: Manufacturing Technology and Processing, Mechatronics and Automation, Mechatronics and Embedded System Applications, Applied Mechanics and Other topics. Hopefully, all participants and other interested readers benefit scientifically from the proceedings and also find it stimulating in the process.

On behalf of the organizing committee, I would like to especially thank Anne, Tanja, Dorte and all the editors from Trans Tech Publications for their great support to 2<sup>nd</sup> ICMAM2012. Without their excellent editorial work, 2<sup>nd</sup> ICMAM2012 will not be published so timely and successfully.

Finally we wish all the authors and attendees of 2<sup>nd</sup> ICMAM2012 a unique, rewarding and enjoyable memory at 2<sup>nd</sup> ICMAM2012 in Hong Kong and Taipei. We look forward to your participation in the 3<sup>rd</sup> ICMAM in 2013.

With our warmest regards,

Ching Kuo Wang and Jing Guo

Conference Organizing Chair

December 26, 2012

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