

Preface

2017 The 4th International Conference on Mechatronics and Mechanical Engineering (ICMME 2017) will be held during November 28-30, 2017 in University of Malaya, Kuala Lumpur, Malaysia this year. ICMME is dedicated to issues related to mechanical engineering, aerodynamics, aerospace systems and technology, applied mechanics, automation, biomechanics, computational fluid dynamics, design and manufacturing, energy management, fluid dynamics etc.

The objective of the conference is to bring academic scientists, engineers, industry researchers together to exchange and share their experiences and research results, and discuss the practical challenges encountered and the solutions adopted. We hope you will have a delightful and rewarding experience, and use this occasion to meet old friends and make many new ones in your academic circle.

ICMME 2017 proceedings contain 60 selected papers from the conference which are presented orally at the conference or via poster sessions, and provide up-to-date, comprehensive and worldwide state-of-the art knowledge in this field. Each contributed paper was peer-reviewed by international reviewers who were drawn from the technical committee members as well as other external reviewers invited from all over the world. The proceedings are divided into 9 chapters based on the different topics of the papers, namely, novel materials and properties, robot design and development technology, power machinery and transmission, vehicle design and control, modeling and simulation of mechanical system, researching and designing of machines and mechanisms, control theory and monitoring technology, industrial engineering and manufacturing systems, urban infrastructure construction and planning.

On behalf of the organizing committees, we would like to thank the organization staff, the members of the program committees and reviewers. They have worked very hard 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 help in the review process, and the authors for contributing their research results to the conference.

We look forward to seeing all of you next year at ICMME.

Conference General Co-chair

Prof. Dr. Mohd Hamdi Abdul Shukor,
University of Malaya, Malaysia
October 28, 2017.