

Preface

The 2015 International Conference on Mechanical Engineering and Automation Science (ICMEAS 2015) was held in Hong Kong on 24-25 October, 2015. ICMEAS 2015 was organized by Hong Kong Society of Mechanical Engineers (HKSME). The conference provides a useful platform both for showing the latest research directions and for exchange of research results and ideas in broad mechanical engineering areas. The participants of the conference were from a large part of the world, with background of either academia or industry. The success of the conference is reflected high level of the papers received.

The proceedings are a compilation of the accepted papers and represent an interesting outcome of the conference. This book covers four chapters: Advanced Engineering Design and Analysis, Advanced Manufacturing Technology, Robotics, Automation and Control and also Biomedical Devices and Systems.

We would like to acknowledge all of those who supported ICMEAS 2015. Each individual and institutional help were very important for the success of this conference. Especially we would like to thank the organizing committee for their valuable advices in the organization and helpful peer review of the papers.

We hope that ICMEAS 2015 will be a forum for fruitful discussions that will shed light on new ideas and foster collaborative researches. We are sure that the proceedings will serve as an important research source of references and the knowledge, which will lead to not only scientific and engineering progress but also new products and processes.

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Prof. Shinn-Liang Chang, National Formosa University, Taiwan

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