

Preface

It is our pleasure to welcome you to the 2014 International Conference on Future Mechanical Engineering and Materials Engineering (MEME 2014) will be held on June 21-22, 2014, London, UK.

The conference is not only a major event in showcasing the remarkable growth of Mechanical Engineering and Materials Engineering, but also a much needed gathering for Mechanical Engineering and Materials Engineering researchers around the world to develop international interactions and collaborations. The conference program consists of plenary, invited, and contributed talks in a wide range of topics in Mechanical Engineering and Materials Engineering.

It is gratifying that the proceeding of MEME 2014 include more than 48 excellent papers selected from more than 100 submitted paper(s) whose authors involved at least 9 countries and areas such as Algeria, China, France, Iran, Italy, Kazakhstan, Thailand, Ukraine, and United Kingdom.

All the papers have gone through a peer-review process for their originality and quality. The topics covered in this book include:

Chapter 1: Materials Science and Technology

Chapter 2: Applied Mechanics

Chapter 3: Computation Methods, Design and Simulation

Chapter 4: Information Technology

Putting together a coherent program of the highest possible quality has not been an easy task. We would like to thank the organization staff, the members of the program committees and reviewers. They have worked very hard in reviewing papers and making valuable suggestions for the authors to improve their work. Special thanks go to the organising committee, program committee members, and TTP Publisher. Finally, the conference would not have been a success without the support of the authors. We would like to acknowledge and thank all authors who submitted their research work to the conference, whether the submission made it to the proceedings or not.

We hope that MEME 2014 will be successful and enjoyable to all participants. And all attendees of MEME2014 have an enjoyable scientific gathering in London, UK. We look forward to seeing all of you next year.

Jian Lee

MEME2014 Organizing Committee

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