

Preface

It is our pleasure to welcome you to the 2014 2nd International Conference on Manufacturing Engineering and Technology for Manufacturing Growth (METMG 2014) will be held on January 20-21, 2014, Miami, State of Florida, USA.

METMG 2014 will be the most comprehensive conference focused on the various aspects of advances in Manufacturing Engineering and Technology for Manufacturing Growth. Our conference provides a chance for academic and industry professionals to discuss recent progress in the area of Manufacturing Engineering and Technology for Manufacturing Growth.

It is gratifying that the proceeding of METMG 2014 include more than 70 excellent papers selected from more than 200 submitted paper(s) whose authors involved at least 25 countries and areas such as Algeria, China, Christmas Island, Czech Republic, Estonia, France, Hongkong, India, Iran, Italy, Kazakhstan, Korea, Republic of Malaysia, Mexico, Norway, Poland, Portugal, Russian Federation, Saudi Arabia, Singapore, Slovakia, Spain, Taiwan, Thailand, Tunisia, Turkey, Ukraine, 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: Mechanics

Chapter 2: Materials Science and Materials Processing Technology

Chapter 3: Design and Manufacturing

Chapter 4: Automation, Control, Information Technology and MEMS

Chapter 5: Human-Robot Interaction and Systems

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. We also would like to express our gratitude to the external reviewers, for providing extra helps in the review process, and the authors for contributing their research result to the conference. Special thanks go to TTP Publisher.

We hope that METMG 2014 will be successful and enjoyable to all participants. And all attendees of METMG2014 have an enjoyable scientific gathering in Miami, State of Florida, USA. We look forward to seeing all of you next year.

Dayun Xu

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