

PREFACE

2017 International Conference on Mechanical, Material and Aerospace Engineering (2MAE 2017) was held in Beijing during May 12-14, 2017. 2MAE 2017 was organized by Hong Kong Society of Mechanical Engineers (HKSME) and Technical Sponsored by Beijing Jiaotong University, China. The conference provides a useful and wide platform both for display the latest research and for exchange of research results and thoughts in broad Mechanical, Material and Aerospace Engineering. The participants of the conference were from almost every part of the world, with background of either academia or industry, even well-known enterprise. The success and prosperity 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 4 chapters: Mechanical; Materials; Aerospace; Interdisciplinary.

We would like to acknowledge all of those who supported 2MAE 2017. 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 sincerely hope that 2MAE 2017 will be a forum for excellent discussions that will put forward new ideas and promote 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 other new products and processes.

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