

PREFACE

D2ME 2018 was held in Phuket during September 27-29, 2018. D2ME 2018 is co-organized by RMIT University, Swinburne University of Technology, The Australian National University and Hong Kong Society of Mechanical Engineers. 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 Design 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 3 chapters: Mechanical Engineering; Materials Engineering; Design Engineering.

We would like to acknowledge all of those who supported D2ME 2018. 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 D2ME 2018 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.



Dr. Raj Das, RMIT University, Australia