

PREFACE

It is our great pleasure to welcome you to the 2017 Asia Conference on Mechanical and Aerospace Engineering (ACMAE 2017) which will be held in Yokohama, Japan during December 29-31, 2017. ACMAE 2017 is derived from the conference ICMAE (International Conference on Mechanical and Aerospace Engineering), which focuses on Asia's research, achievements, markets, industry.

The major goal of the conference is to bring academic scientists, engineers, industry researchers together to exchange and share their experiences and research results, and discuss the practical challenges encountered and the solutions adopted. Distinguished experts and professors will be invited as keynote speakers to deliver the latest information in their respective expertise areas. It will be a golden opportunity for the students, researchers and engineers to interact with the experts and specialists to get their advice or consultation on technical matters, sales and marketing strategies.

This proceedings present a selection from papers submitted to the conference from universities, research institutes and industries. All of the papers were subjected to peer-review by conference committee members and international reviewers. The papers selected for this volume depended on their quality and their relevancy to the conference. The volume tends to present to the readers the recent advances in the field of mechanical and aerospace engineering and various related areas, which include material performance analysis and testing, aeronautical machinery equipment and powerplant, fluid mechanics and computation, aircraft structure design and control, aerospace engineering and applications

We would like to thank all the authors who have contributed to this volume and also to the organizing committee, reviewers, speakers, chairpersons, sponsors and all the conference participants for their support to ACMAE 2017.

Conference Co-chair

Prof. Ian McAndrew,
Embry Riddle Aeronautical University, UK