

Preface

Dear Distinguished Authors and Guests,

The Organizing Committee warmly welcomes you to 2019 the 7th International Conference on Mechanical Engineering, Materials Science and Civil Engineering (ICMEMSCE2019), held on 17th-18th, December, 2019, Sanya, China.

The aim of ICMEMSCE2019 is to present the latest research and results of scientists (professors, students, PhD Students, engineers, and post-doc scientist) related to Mechanical Engineering and Materials topics. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

After the peer-review process, the submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference. The selected papers and additional late-breaking contributions to be presented as lectures will make an exciting technical program. The conference program is extremely rich, featuring high-impact presentation. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field.

The proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Mechanical Engineering and Composite materials, nano-materials, bio-materials, Material processing, molding technology, Advanced Materials Science, Materials Processing Technology, Electrical Engineering, Vehicle and Motor, Metal Alloys and Simulation. Hopefully, all participants and other interested readers benefit scientifically from the proceedings and also find it stimulating in the process.

On behalf of the organizing committee, I would like to especially thank all the editors from IOP Conference Series for their great support to ICMEMSCE2019. Without their excellent editorial work, ICMEMSCE2019 will not be published so timely and successfully.

Finally we wish all the authors and attendees of ICMEMSCE2019 a unique, rewarding and enjoyable memory at ICMEMSCE2019 in Sanya, China. We look forward to your participation in the 8thICMEMSCE in 2020.

With our warmest regards,

JingWei Zhao

Conference Organizing Chair

December 30th 2019

