

Preface

The First International Conference on Advanced Composites for Marine Engineering (ICACME2013) was co-organized by Chinese Society for Composite Materials and Harbin Engineering University, and held during 10~12 September 2013 in Beijing, China.

The conference provided a platform to critically examine the state-of-the-art composites employed in civil, commercial and military marine engineering. It also intended to invite designers, engineers and researchers in the marine field to review and discuss current practices and existing theoretical methods of the manufacturing, fabrication, application, design and maintenance of composite materials.

This special event has attracted attentions of colleagues from many countries, which inspired us that it reflected the strong will of share and communication about their interest. The topics of ICACME2013 have covered a wide scope including advanced polymer matrix composites, smart composite materials, nanocomposites, sandwich and textile composites, green composites, advanced technologies and process, computational mechanics and modeling, structural analysis for main hull and offshore, health and safety monitoring, impact and dynamic response, fracture, fatigue and damage, etc. To exchange the latest developments of advanced composites in marine applications, experts from industrial companies and scientific institutions were invited not only for presenting their keynote and invited speeches, but having a deep discussion with others.

We would like to thank all authors who contributed their papers and presentations to ICACME2013. Our thanks also go to the members of the Organizing Committee, International Scientific Committee and reviewers. Particularly, with great gratitude, we acknowledge Chinese Society for Composite Materials and our sponsor Harbin Engineering University for their contributions to the success of this conference.

Prof. Limin ZHOU

On Behalf of the ICACME2013 Organizing Committee