

PREFACE

Dear Distinguished Delegates and Guests,

The Organizing Committee of ICMEE 2009 warmly welcomes you to the 2009 International Conference on Mechanical and Electronics Engineering (ICMEE 2009), held on July 24-26, 2009 in Chennai, India. ICMEE 2009 is sponsored by International Association of Computer Science and Information Technology (IACSIT), and the conference proceedings are published by World Scientific Press.

If you have attended the conferences sponsored by IACSIT before, you should know that the conferences together report the results of research efforts in a broad range of computer science and information technology. The conference is aimed at discussing with all of you the wide range of problems encountered in present and future high technologies. The ICMEE 2009 is organized to gather members of our international community of Mechanical and Electronics Engineering scientists so that researchers from around the world can present their leading-edge work, expanding our community's knowledge and insight into the significant challenges currently being addressed in that research. The conference Program Committee is itself quite diverse and truly international, with membership from the Americas, Europe, Asia, Africa and Oceania.

This proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Mechanical and Electronics Engineering. The conference aims to bring together researchers, scientists, engineers, and practitioners to exchange and share their experiences, new ideas, and research results about all aspects of the main conference themes and tracks and discuss the practical challenges encountered and the solutions adopted. The main goal of the event is to provide international scientific forums for exchange of new ideas in a number of fields that interact in-depth through discussions with their peers from around the world. Both inward research; core areas of Mechanical and Electronics Engineering and outward research; multi-disciplinary, inter-disciplinary, and applications will be covered during the event.

The conference has solicited and gathered technical research submissions related to all aspects of major conference themes and tracks. All the submitted papers in the proceeding have been peer reviewed by the reviewers drawn from the scientific committee, external reviewers and editorial board depending on the subject matter of the paper. Reviewing and initial selection were undertaken electronically. After the rigorous 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 exiting technical program. The conference program is extremely rich, featuring high-impact presentations.

The high quality of the program – guaranteed by the presence of an unparalleled number of internationally recognized top experts – can be assessed when reading the contents of the program. The conference will therefore be a unique event, where attendees will be able to appreciate the latest results in their field of expertise, and to acquire additional knowledge in other fields. Attendees arriving as specialist expert will thus have the opportunity to leave the conference as enriched scientists, be they from academia or industry. The program has been structured to favor interactions among attendees coming from many diverse horizons, scientifically, geographically, from academia and from industry. Included in this will to favor interactions are social events at prestigious sites.

We would like to thank the program chairs, organization staff, and the members of the program committees for their work. Thanks also go to the World Scientific Press Editors, for their wonderful editorial service to this proceeding.

We are grateful to all those who have contributed to the success of ICMEE 2009. We hope that all participants and other interested readers benefit scientifically from the proceedings and also find it stimulating in the process. Finally, we would like to wish you success in your technical presentations and social networking.

We hope you have a unique, rewarding and enjoyable week at ICMEE 2009 in Chennai India.

With our warmest regards,

ICMEE 2009 Organizing Committees
24-26 July 2009 in Chennai India