

PREFACE

Dear Distinguished Delegates and Guests,

The Organizing Committee warmly welcomes our distinguished delegates and guests to 2012 3rd International Conference on Manufacturing Science and Technology (ICMST 2012) held during August 18-19, 2012 in New Delhi, India.

The conferences together report the results of research efforts in a broad range of Manufacturing Science and Technology. These conferences are aimed at discussing with all of you the wide range of problems encountered in present and future high technologies. The ICMST 2012 is organized to gather members of our international community scientists so that researchers 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.

This proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Manufacturing Science and Technology. The main goal of these events 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 Manufacturing Science and Technology and outward research; multi-disciplinary, inter-disciplinary, and applications will be covered during these events.

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 exciting 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. 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 committee for their work. Thanks also go to Editors from TTP Press, for their wonderful editorial service to this proceeding. We are grateful to all those who have contributed to the success of ICMST 2012. 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 ICMST 2012 in New Delhi, India.
With our warmest regards,

ICMST 2012 Organizing Committees
August 18-19, 2012
New Delhi, India

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