

# PREFACE

The ICMECS-2014 - International Conference Machinery, Electronics and Control Simulation (ICMECS 2014) will be held in Shandong University (Weihai) 27-28 Sep. 2014. The disciplines of Machinery, Electronics and Control Simulation have witnessed an unprecedented progress impacting our life at work-places, at homes and virtually all around us. These multi-faceted disciplines are converging very fast. International collaborative research requires a vital community of researchers in each of the participating nations and commitment to share the benefits of research among the key stakeholders including developing nations. The universities and professional societies could play a crucial role to ensure the above.

This conference received significant attention all over the World. This volume represents papers accepted which are of good quality and more relevant towards the title of the conference. This conference covers these topics Mechanical Engineering and Mechanics; Materials Engineering and Processing; Mechatronics; Power Engineering; Electrical Engineering; Control Systems and Robotics; Electronics and Integrated Circuits; Measurements, Testing and Monitoring; Signal, Image Processing and Computational Mathematics; Communication, Networks and Information Technologies; Product Design and Industrial Engineering; Civil Engineering; Earth Science and Environmental Engineering.

With the blessings of Prof. Li Wang, the main editor of the conference, we would like to thank the Shandong University (Weihai), the members of Program committee and Reviewers. They have worked hard in reviewing and making valuable suggestion for the authors which would have certainly helped the authors to further sharpen their technical knowledge. We also sincerely express our whole hearted gratitude to the external reviewers for their support provided in the review process. We thank the authors for submitting their research works to the conference. We also express special thanks to TTP publisher.

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