

PREFACE

2016 the 3rd International Conference on Mechatronics and Mechanical Engineering was held during October 21-23, 2016 in Shanghai, China.

ICMME aims to provide a professional platform for academic researchers and industrial practitioners for the interchange of information on the latest development and applications in mechatronics and mechanical engineering, and to promote friendship and interdisciplinary research collaborations.

ICMME received a number of 328 papers from universities, research institutes and industries this year. This volume includes 187 selected papers which were presented at the conference and each contributed paper has been strictly peer-reviewed by organizing and advisory committee members as well as external reviewers. The proceedings tend to present to the readers the newest researches results and findings in the field of mechatronics and mechanical engineering, which include 19 chapters, including materials handling methods and performance analysis, material structure and measurement, material structure and measurement, material structure and measurement, material structure and measurement, mechanical design-manufacture and automation, robot design and control, vehicle structure design and manufacturing, manufacturing and industrial production, ship and traffic engineering, applied mechanics and dynamics, mechatronics, electronic technology and application, etc.

The organizing committee expresses its entire gratitude to all the authors who presented their works at ICMME 2016 and contributed in this way to the success of this event. Special thanks are due to the authors from abroad for attending the conference and to the reviewers for their support in improving the quality of the papers and finally for the assurance the quality of this volume.

We hope that the contents of this volume will prove useful for mechatronics and mechanical engineering researchers and practitioners in developing and applying new technologies and processes.

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