Preface

On behalf of 2014 International Conference on Applied Mechanics, Mechatronics and Intelligent System (AMMIS2014) organizing committee, I would like to welcome all of you to Changsha , China to participate in this conference.

AMMIS2014 provided a forum for academic scientists, leading engineers, industry researchers and scholar students to exchange and share their experiences and research results. AMMIS2014 aims to cover the recent advancement and trends in the areas of applied mechanics, mechatronics, intelligent system, applied information technology, control and automation, and computer science to facilitate knowledge sharing and networking interaction.

The AMMIS2014 has attracted more than 400 submissions. More than 180 participants attended this conference. The AMMIS2014 provided a platform to bring not only researchers but also governmental agents, industrial professionals in mechanics, mechatronics, intelligent system and applied information technology. With this platform, the ideas and results from the conference will embarks whole process of making new discoveries and translating them into products and service for the marketplace.

The editor hopes that this book will provide readers a broad overview of the latest advances on applied mechanics, mechatronics, intelligent system and applied information technology. The editor also believes this book would be a good reference for academic researchers and industrial professionals.

The AMMIS2014 would like to express our sincere appreciations to authors of their contributions to this book. We also like to extend our thanks to all referees for their constructive comments on all submitted papers; especially, we would like to thank to organizing committee for their hard working. Finally, we would like to thank the Trans Tech Publications for producing this volume.

Finally, I wish all of you good luck and all the best at this conference.

Prof. Jun Wang

AMMIS2014 Editor

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