Preface

The 6th International Conference on Manufacturing, Machine Design and Tribology (ICMDT2015) was held by the Machine Design and Tribology division of the Japanese Society of Mechanical Engineers (JSME) and the Design and Manufacturing division of the Korea Society of Mechanical Engineers (KSME) in Okinawa, Japan from April 22nd to 25th, 2015. About 340 participants that represent academia, industry, and research institutions from seven countries, Japan, Korea, Taiwan, Thailand, Malaysia, Hungary, and Germany joined and contributed to active discussion and friendly communication during the conference.

The 1st ICMDT was held in Seoul in 2005, and 2nd was in Sapporo, 3rd in Cheju, 4th in Gamagori, and 5th in Busan in 2013. The ICMDT has been held alternately in Japan and Korea every two years. This conference indeed follows the established path of bringing together professional engineers and scientists, and aspiring engineers and scientists who are working and studying on the fundamental aspects of mechanical engineering, especially in the areas of manufacturing, machine design and tribology.

We hope that many specialists of academic and industrial world will participate in the next ICMDT in order to promote the deep mutual understanding and the active exchanges of technical information. We believe that such achievements will increasingly contribute to the increased happiness and the sustainable growth.

This special issue on the Recent Advances in Manufacturing, Machine Design and Tribology, Bulletin of the JSME, Mechanical Engineering Journal contains 8 papers presented at the ICMDT2015. These full papers were strictly reviewed and selected in accordance with the editorial policy of the Mechanical Engineering Journal from 19 papers submitted.

Finally we would like to express our sincere gratitude to the authors, the editors, and the anonymous reviewers for their contributions to the publication of this special issue.

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