

Preface

The 2012 2nd International Conference on Materials and Products Manufacturing Technology (ICMPMT 2012) took place in Guangzhou, China, September 22-23, 2012. This conference is co-organized by Inner Mongolia University of Technology, Korea Maritime University and Queensland University of Technology. This conference series provides a forum for accessing to the up-to-date knowledge from both industrial and academic worlds and allows for the free exchange of ideas and challenges faced by these two key stakeholders and encourage future collaboration between these groups.

Following evaluation and feedback by the International Scientific Committee, accepted papers are selected for publications in those volumes. Studies presented in this book cover these topics: product design, manufacturing and analysis, management and production scheduling, supply chain, CAD/CAM/CAE, reliability, fault diagnostics and quality monitoring, measurement techniques, technologies and equipment, dynamic analysis of mechanical systems and mechanical transmissions, fluid power transmission and control, mechatronics, industrial robotics, control technologies and intelligent systems, electronic and microelectronic technology, embedded system, signal and intelligent information processing, software and computer in research and engineering solutions.

We would like to express our sincere thanks to all participants for their contributions and stimulating discussions. We thank the conference session chairmen for their help and assistance in defining the program of presentations. We are also grateful to the committee for their hard work.

The editors

The 2nd International Conference on
Materials and Products Manufacturing Technology
(ICMPMT 2012)

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Korea Maritime University

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