

## Preface

The 2014 4th International Conference on Materials and Products Manufacturing Technology (ICMPMT 2014) took place in Chongqing, China, October 18-19, 2014. 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: Metals and Alloys; Composite Materials and Applications; Chemical Materials, Bio-Materials, and Energy Materials; Building Materials and Construction Technology; Material Processing, Testing and Monitoring Technology; Advanced Design and Advanced Manufacturing Technology; Mechanical Dynamics, Structural Strength, Reliability and Risk Analysis and Assessment; Vibration, Sound, Noise Analysis and Control; CAD / CAM / CAE; Mechatronics, Industrial Robots, Automation and Control Technologies; Measurement Technology, Instruments and Sensors, Detection Technologies and Methodologies; Electronics, Circuit Technology and Electrics; Computer Applications and Mathematical Modeling, Intelligent Algorithms and Optimization; Industrial Engineering, Production Management, Operations, Quality and Control; Engineering Education and Engineering Management; etc

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*

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