

# Preface

This volume contains papers contributed to the 2015 5th International Conference on Advances in Materials and Manufacturing (ICAMMP 2014) held on 20-21 December, 2014 in Fuzhou, China. The International Conference on Advances in Materials and Manufacturing is the premier forum for the presentation of new advances and research results in the field of materials and manufacturing processes. This conference series brings together leading researchers, engineers, and scientists in the materials and processes field through the world. The first ICAMMP was successfully held from November 6-8, 2010 in Shenzhen, the second ICAMMP was held from December 16 to 18, 2011 in Guilin, the third ICAMMP was held from December 22 to 23, 2012 in Beihai, and the fourth ICAMMP was held in Kunming from December 18 to 19, 2013. Delegates from more than 30 countries or districts had attended these conferences.

All papers published in this volume of Applied Mechanics and Materials have been peer reviewed through processes administrated by the organizing committee. Reviews were conducted by expert referees to the processional and scientific standards. Studies presented in this book cover these topics: Mechanical Structures, Design and Mechanical Dynamic Analysis; Mechanical Strength and Reliability; CAD, CAM, CAE, Computer Modeling and Simulation and Virtual Reality; Products Design, Production Planning and Scheduling; Simulation, Testing, Diagnosis in Manufacturing; Mechanical Vibration and Noise; Mechatronics, Industrial Robotics, Automation and Control Technology; Advanced Numerical Control (NC) Technologies and Equipments; Engineering Machinery and Equipment, Thermal Conductivity and Thermal Analysis.

We are grateful to all the invited speakers who came to share their knowledge with us. We would also like to thank all the authors for their papers and presentations and all reviewers for their efforts to review the papers.

***The Committee of ICAMMP 2014***

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