

Preface

2013 International Conference on Materials, Mechatronics and Automation (ICMMA 2013) is the most comprehensive Conference focuses on the various aspects of advances in Materials, Mechatronics and Automation. Our Conference provides a chance for academic and industry professionals to discuss recent progress in the area of Materials, Mechatronics and Automation.

Since 2011, when the first edition of what is now called ICMMA 2011 took place in Melbourne, Australia, participants from several countries who work on materials, mechatronics and automation realized this type of conference should proceed, involving as much as possible, professionals and academics exchanging experience and scientific knowledge in the subject. Nanchang, China (ICMMA 2012) organized the next one and then Singapore hosted the conference this year on April 21-22.

About 480 papers were submitted to 2013 International Conference on Materials, Mechatronics and Automation (ICMMA 2013) for presentation and publication, 149 peer reviewed papers were selected to be published in this Special issue of Advanced Materials Research. The subjects covered several areas and were gathered into 5 chapters for publication:

1. Mechatronics, Automation and Signal Processing
2. Materials Science and Engineering
3. Materials Properties, Measuring Methods and Applications
4. Methodology of Research and Analysis and Modeling
5. Energy Systems

The Editor, who also acted as the Chairman of ICMMA 2013, would like to express his great appreciation to all the institutions and professional organizations involved in the Conference, to the members of the International Advisory Boards, to Symposia and Focused and Special Sessions Co-Chairs and Coordinators, to keynote and invited speeches and to all other participants who contributed by fostering progress in the field to the great outcome of the Conference.

It is therefore expected for the Proceedings of 2013 International Conference on Materials, Mechatronics and Automation (ICMMA2013) to constitute a further valuable contribution to the literature in the field.

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