

## Preface

The 2014 3rd International Conference on Applied Mechanics and Materials, ICAMM2014, was held in Shenzhen, China from November 15 to November 16, 2014. It is an annual conference covering all aspects of mechanics and materials: theoretical, experimental, and computational Mechanics and all engineering materials. Specific symposium topics of interest include: Solid Mechanics and Its Applications; Fluid Mechanics and Its Applications; Explosion Mechanics and Its Applications; Computational Mechanics and Its Applications; Structural Mechanics, Geotechnical Mechanics and Civil Infrastructure Construction; Composites; Micro/Nano Materials; Metals and Alloys; Chemical Materials and Processing Technology; Biological Materials and Environment-Friendly Materials; Building Materials; Physics of Materials, Properties and Performances; Materials and Technology in Surface Engineering; Thermal Analysis and Monitoring; Materials Processing Technology; etc. Members of the applied mechanics and materials communities are invited to propose symposia and to actively participate in the conference.

We are delighted to welcome authors and delegates to this conference. We would like to thank the local organizing committee, the scientific committee, the reviewers and lastly the authors of the papers featured in this conference proceedings. I extend my warmest welcome to all our conference delegates.

***The editors***

The 2014 3rd International Conference on  
Applied Mechanics and Materials  
(ICAMM 2014)

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