

Preface

The 6th Global Conference on Materials Science and Engineering (CMSE2017) was held from October 24th to October 27th in Beijing, China. This conference was organized by Bosheng Academic Conference Solutions Co., Ltd (China).

This Conference was aimed to bring together leading academic scientists, researchers and scholars to exchange and share their experience and research results on all aspects of Materials Science and Engineering, and discuss the practical challenges encountered and the solutions adopted.

CMSE2017 attracted over 130 participants from 26 countries, namely Armenia, Canada, Chile, Czech Republic, China, Egypt, France, Greece, India, Italy, Japan, Lithuania, Malaysia, Mexico, Poland, Portugal, Republic of Korea, Romania, Russia, Singapore, Slovak Republic, Spain, Turkey, UK, Ukraine, and USA. The participants (scholars from universities and research institutes, experts from international companies, and engineers from enterprises) shared their oral and poster presentations, as well as six keynote and sixty-eight invited speeches on 7 topics: Nanomaterials, Energy materials and Semiconductors, Mechanics and Mechanical technologies, Structural materials, Characterization & Testing, Advanced Material Technologies, Surface and Coatings Technology. Eight best oral presenters were awarded to attend the conference in 2018 with a free registration fee.

This volume contains 31 papers in the above domains, which were been peer-reviewed by international experts from the Conference Technical Committee and considered innovative and instrumental to further scientific research in the field of Materials Science and Engineering.

Finally, it is my pleasure to thank all participants for their contributions to CMSE2017 and the Organizing Committee, especially the Conference Secretary Ms. Li Ling, for the impressive results of the conference.

Guest Editor:

Dr. Alexander Khotsianovsky,

Managing Editor of Strength of Materials

