

Preface

This is the proceedings of selected papers presented at the International Conference on Materials Applications and Engineering 2017 (ICMAE2017) held in Qingdao, China, on Aug. 25-27, 2017, which was organized by Shandong University of Science and Technology. The main objective of ICMAE2017 is to bring together researchers from different scientific institutions and universities to present and discuss latest developments and trends in kind of materials science.

ICMAE is an important serial conference of Shandong University of Science and Technology and has become a popular conference for a wide range of topics as Chemical Materials and Chemical Syntheses; Building Materials and Properties; Metals, Alloys and Coatings etc. Approximately, the organizers received 70 technical papers and more than 45 participants attended the conference. After the peer-review processes and by recommendations of technical committees, these submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference; finally 35 papers are published in the present proceedings.

The organizing scientific committee of this conference hopes that all participants enjoyed the conference, got new impressions and had a good time in Qingdao. We would like to give the thanks to the conference chairs and all the paper reviewers, especially [MATEC Web of Conferences](#) who worked so hard to provide the help for the conference.

Look forward to the coming of ICMAE in 2018.

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Prof. Huining Xiao

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