

## Preface

The First National Academic Symposium on Testing and Evaluation of Building Materials (TEBM 2012) was held from June 22 to 24, 2012 in Tongji University, Shanghai, China.

The main aim of this symposium is to provide a platform for academics, industrialists and students from various regions of China to exchange ideas and the state-of-the-art development in the field of building materials and testing techniques. This symposium is also intended to foster a network and future collaborations between materials scientists, testing technologists and instrument manufactories, and has been proved to be successful.

In this symposium, all papers were received from electronic submission system, which were peer reviewed. Finally, 53 papers were accepted for publication. The contents of papers include the microscopic theoretical model of the building materials, the characterization of the compositions and structures, performance testing and evaluation. These papers largely reflect the researching hotspots and the latest advances in the testing and evaluation theory and technology of building materials in China.

The efforts of the participants of all manuscripts are greatly appreciated. The help and advice of Prof. Jianghong Gong of Tsinghua University are gratefully acknowledged. Thanks are also extended to the Trans Tech Publications Ltd for their publishing proceedings of TEBM 2012 in the periodical “Key Engineering Materials”.

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