

Preface

It is our great pleasure to present this proceeding of 2012 Spring International Conference on Material Sciences and Technology (MST-S), which is held from May 27th to 30th, 2012 in Xi'an, China. We would like to take this opportunity to thank all the authors, sponsors and participants for their support to our conference.

With the rapid development of engineering and technology, there are many new research approaches to be validated, probing questions to be asked and fresh ideas to be discussed. Following this rapid trend, SCET has done a lot of work in promoting the information exchange in the research and development of Engineering and Technology. And we believe, it will be more and more stronger in providing a fascinating platform for all the researchers and scholars to share research results, find cooperation opportunities and improve the whole world by engineering and technology.

On behalf of the Conference Committee, I would like to express our appreciation to our sponsors: Wuhan University, Key Laboratory of Road Construction Technology and Equipment (Chang'an University), MOE, Tianjin University, University of Jinan, North China Electric Power University, Huazhong Agricultural University, Xi'an Technological University, Shanghai University, School of Materials Science and Engineering of Xi'an Jiaotong University, State Key Laboratory for Mechanical Behavior of Materials(Xi'an Jiaotong University), Tongji University, University of Science and Technology Beijing, Jiangsu University, Ningbo University, Yanshan University, Qingdao University of Science?& Technology and Engineering Information Institute. At the same time, we appreciate the contributions from our paper reviewers and the committee members. It is your efforts that make the conference success.

Thanks again for your attention and support to our conference.

MST-S Conference Committee