

Preface

Dear Distinguished Authors and Guests,

The Organizing Committee warmly welcomes you to 2012 International Conference on Metallurgy Technology and Materials(ICMTM 2012) (TTP Conference ID: 619), held on 11-12, May,2012, Jeju Island, South Korea.

The aim of ICMTM 2012 is to present the latest research and results of scientists (professors, students, PhD Students, engineers, and post-doc scientist) related to Metallurgy, Mining Engineering, Advanced Materials Science and Materials Processing Technology. This conference provides opportunities for the different areas delegates to exchange new ideas and application experiences face to face, to establish business or research relations and to find global partners for future collaboration.

After the peer-review process, the submitted papers were selected on the basis of originality, significance, and clarity for the purpose of the conference. The selected papers and additional late-breaking contributions to be presented as lectures will make an exciting technical program. The conference program is extremely rich, featuring high-impact presentation. We hope that the conference results constituted significant contribution to the knowledge in these up to date scientific field.

The proceeding records the fully refereed papers presented at the conference. The main conference themes and tracks are Advanced Materials and Technology on Metallurgy; Materials Engineering and Production Technologies etc. Hopefully, all participants and other interested readers benefit scientifically from the proceedings and also find it stimulating in the process.

On behalf of the organizing committee, I would like to especially thank Anne, Tanja, Dorte and all the editors from Trans Tech Publications for their great support to ICMTM2012. Without their excellent editorial work, ICMTM2012 will not be published so timely and successfully.

Finally we wish all the authors and attendees of ICMTM2012 a unique, rewarding and enjoyable memory at ICMTM 2012 in Jeju Island. We look forward to your participation in 2nd ICMTM in 2013.

With our warmest regards,

Tony Sun
Conference Organizing Chair
May 12, 2012
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