

Preface

Dear Distinguished Authors and Guests,

The Organizing Committee warmly welcomes you to 2014 3rd International Conference on Metallurgy Technology and Materials (ICMTM2014), held on 25th -26th , April, 2014, Kunming, China.

The aim of ICMTM2014 is to present the latest research and results of scientists (professors, students, PhD Students, engineers, and post-doc scientist) related to Metallurgy Technology and Materials topics. 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 Metallurgical, research & technology, Physical Chemistry, Surface chemistry, Mining Engineering, steel and iron processing, Advanced Materials Science, Materials Processing Technology, Electrical Engineering , Vehicle and Motor , Simulation and Information Systems and other correlation technique. 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, Dorthe and all the editors from Trans Tech Publications for their great support to ICMTM2014. Without their excellent editorial work, ICMTM2014 will not be published so timely and successfully.

Finally we wish all the authors and attendees of ICMTM2014 a unique, rewarding and enjoyable memory at ICMTM2014 in Kunming, China. We look forward to your participation in the 4th ICMTM in 2015.

With our warmest regards,

K.B.R. Varma
Conference Organizing Chair
May 5th 2014
BOSI EDU

Committees and Sponsors

Committees

Conference Chairs

Prof. Shen Houfa, Department of Mechanical Engineering, Tsinghua University

Prof. Nunziante Valoroso, Universita di Napoli Parthenope - Dipartimento per le Tecnologie

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Prof. Hai-Han Lu, National Taipei University of Technology/Institute of Electro-Optical Engineering

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Prof. Sang Ouk Kim, Materials Science & Engineering, KAIST