

Preface

The International Forum on Materials Processing Technology series has been organized to create a new forum in Asia-Pacific to discuss materials, processes and related sciences, techniques and applications. The conference was held from 18–19 January 2014 in the beautiful city of Guangzhou, China. More than 100 delegates from different countries participated in this event. These delegates included scientists, researchers, engineers, professors, designers, industrialists, and students from various research organizations, technical institutions, universities, industries and companies. The conference was a major forum for the exchange of knowledge and provided numerous scientific, technical and social opportunities for meeting leading experts.

The topics covered this volume include Polymers, Rubber and Elastomers, Metals and Alloys, Ceramics, Composites, Micro/Nano Materials, Optical/Electrical/Magnetic Materials, Energy Materials and Research, Biomaterials, Chemical Materials and Testing Technology, Films, Building and Road Materials, Construction Techniques, Surface Engineering/Coatings Technology, Materials Processing and Manufacturing Technology, Mining and Mineral Processing, Mechanical Behavior and Fracture, Friction, Wear and Lubrication, Heat Generation and Conduction, etc. The editors hope that those interested in the area of materials science and processing technology, enjoy the reading that reflect a wide range of topics.

We would like to thank all the participants for their active involvement and excellent contributions during the conference.

The Organizing Committee of IFMPT 2014

2014 International Forum on
Materials Processing Technology
(IFMPT 2014)

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