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1-1-2014

Advances in Materials and Processing Technologies Foreword

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Advances in Materials and Processing Technologies Foreword

Abstract

We are pleased to present in this issue of Metallurgical and Materials Transactions B selected papers from the 15th International Conference on Advances in Materials and Processing Technologies (AMPT2012) held in Wollongong, Australia, 23 to 26 September 2012. This year, the conference program covered over 450 papers in 72 technical sessions and 100 poster presentations with a broad range of topics such as materials, deformation processing, materials removal process, processing of new and advanced materials, welding and joining, surface engineering and other related processes. The conference has been a highlight in the 2012 Calendar on Materials and Processing Technologies.

Keywords

technologies, foreword, advances, materials, processing

Disciplines

Engineering | Science and Technology Studies

Publication Details

Tieu, A. Kiet. & Zhu, H. (2014). Advances in Materials and Processing Technologies Foreword. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 45 (3), 1170-1170.

Foreword

Advances in Materials and Processing Technologies

We are pleased to present in this issue of *Metallurgical and Materials Transactions B* selected papers from the 15th International Conference on Advances in Materials and Processing Technologies (AMPT2012) held in Wollongong, Australia, 23 to 26 September 2012. This year, the conference program covered over 450 papers in 72 technical sessions and 100 poster presentations with a broad range of topics such as materials, deformation processing, materials removal process, processing of new and advanced materials, welding and joining, surface engineering and other related processes. The conference has been a highlight in the 2012 Calendar on Materials and Processing Technologies.

This issue contains 28 papers selected from those presented at the conference that cover modeling aspects of plastic deformation, casting, rolling, texture evolution, and mechanical characterisation of materials. All papers were peer-reviewed and we are very thankful to the numerous reviewers for their effort in reviewing all the manuscripts and selected the quality papers for this special issue.

The organizers would like to thank all local and foreign participants for their participation. We are grateful to all the members of the local Organizing Committee, the International Scientific Committee and the International Steering Committee who have provided sound advice and guidance in planning this conference and the issue.

We extend our gratitude to Professor D.E. Laughlin, Principal Editor of *MMTB*, for the opportunity to publish this issue.

Conference Organizers:

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Due to a publishing error, this Foreword should have appeared in the April 2014 issue where the symposium papers appear.