

Preface

SREE Conference on Advanced Materials and Engineering Applications (AMEA) aims to bring together academic scientists, leading engineers, industry researchers and scholar students to exchange and share their experiences and research results about all aspects of advanced materials and their engineering applications, and discuss the practical challenges encountered and the solutions adopted.

In 2012, AMEA will be held in Hong Kong, May 5-6 , 2012. AMEA 2012 aims to provide a forum for theoretical and technical exchanges regarding the advanced theories, methodologies and techniques about all aspects of advanced materials and their engineering applications. It has attracted some scholars, managers and researchers in relevant fields to discuss their ideas and experience together.

AMEA 2012 received about 190 submissions, which are involved in the fields as follows: a) Material Science; b) Metal materials; c) Non-metallic materials; d) Composite materials; e) Medical materials; f) Chemical materials; g) Electrician / Electrical Materials; h) Building Materials; i) Biological materials; j) Electronic / magnetic / optical materials.

55 selected papers are published in the AMEA 2012 proceedings, which are divided into seven topics: Material Science; Metal materials; Biological materials and Medical materials; Chemical materials; Electronic / magnetic / optical materials; other Materials; Advanced Materials Applications in Engineering.

I would like to thank Thomas Wohlbier, Anne Wohlbier and other editors from Trans Tech Publications for their excellent work, and hope AMEA 2012 will be successful.

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