

PREFACE

This volume contains some selected papers from the 2012 International Conference on Advanced Materials Engineering and Technology (ICAMET 2012) which is to be held in Penang, Malaysia during November 28-30, 2012, and is organized by Centre of Excellence Geopolymer & Green Technology (CEGeoGTech), School of Materials Engineering, Universiti Malaysia Perlis. The conference aims to provide a high level international forum for researchers, engineers and scientists to present their new advances and research results in the field of advanced materials engineering and technology.

This volume covered all the aspects of advanced materials engineering and technology, particularly of advanced characterization, biomaterials, biotechnology and life sciences, building materials, coating and surface engineering, composite and polymer materials, optical and photonic materials and any other related topics. All of the papers have been reviewed by more than two expert referees in their relevant topic disciplines. The paper selected for this volume depended on their quality and relevancy to the conference.

The editors hope that this volume will provide the reader a broad overview of the latest advances in the field of advanced materials engineering and technology, and that will be as valuable reference source for further research.

The editors would like to express their sincere appreciations and thanks to all the committee members of the ICAMET 2012 for their tremendous efforts. Without their dedication, it was impossible to have a successful ICAMET 2012 and a high quality volume of the conference proceedings. Thanks also to Trans Tech Publications for producing this volume. Finally, the editors would like to thank all the authors for their contribution to this valuable volume.

Mohd Mustafa Al Bakri Abdullah

Liyana Jamaludin

Rafiza Abdul Razak

Zarina Yahya

Kamarudin Hussin

Universiti Malaysia Perlis, MALAYSIA

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