

# Preface

2013 International Conference on Mechanical Engineering, Industrial Materials and Industrial Electronics (MII 2013) will be held on September 1-2, 2013, Hong Kong.

We have received more than 150 manuscripts from the experts and scholars in the related fields. The papers come from both academia and industry reflecting the international flavor of this event in the topics of Mechanical Engineering, Industrial Materials and Industrial Electronics. About 20 PC members and 30 International reviewers worked hard in reviewing the submissions. Based on the review reports, 64 manuscripts have been accepted. The proceedings have been classified into 4 themes including Advanced Materials, Industrial Materials, Industrial Electronics and Information Engineering. A large amount of latest research findings and works have been displayed and discussed, which will lighten the sparkle for the future research in the related fields. Generous support for the conference is provided by IERI and ttp. The funds are sizeable, timely and greatly appreciated, and permitted us to support a significant number of young scientist and persons from developing countries.

There were many novel research works have been introduced and highly evaluated. The paper “Monte Carlo Simulation and Artificial Neural Network Modeling of Ferroand Antiferro-Transition Behavior in Two Dimensional Binary Alloy” written by Wimalin Laosiritaoworn and Yongyut Laosiritaworn presents another step in the understanding of how complex interaction plays its role in binary alloy problem and how a data mining technique assists development of understanding in materials science problems. The results of paper “Life Cycle Assessment: a Comparison of Ceramic Brick Inventories to Subsidize the Development of Databases in Brazil” pointed out to homogeneity in process description and to a lack of correspondence of inputs and outputs with functional units adopted. Moreover, those works in Mechanical Engineering, Industrial Materials and Industrial Electronics also attracted interest from engineers.

The proceedings are the result of cooperation of experts, editors and publishers. We received many manuscripts in the submission period of conference. The experts select thesis which is consistent with our conference theme and is superior in quality from numerous thesis. Then, the editors are responsible for revising of paper and communicating with the authors, and they are professional, diligent and serious. After adequate preparation, the conference proceedings will be published, and the conference will be held.

All in all, MII2013 in Hong Kong is very successful. The plenary lectures and progress and special reports bridged the gap between the different fields, making it possible for no-experts in a given area to gain insight into new area. Also, included among the speakers were several young scientists, namely, postdocs and students, who brought new perspectives to their fields.

Thanks for every author without whom the conference won't be successful; Thanks for the hard working of IERI members; special thanks to ttp and IERI who provide such a good platform for us. I hope the readers can find out lots of interests in the proceedings, which is what we are always pursuing.

**Dehuai Yang**

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