

PREFACE

The **International Conference on Information, Communication and Engineering (ICICE)** is organized by Fuzhou University and Taiwanese Institute of Knowledge Innovation in the beautiful city of Fuzhou. We would like to express our sincere appreciation for their supports to the conference. On behalf of organizing committee, I would like to welcome all of you to Fuzhou, China for the ICICE 2012. It is my great pleasure in declaring this conference open.

The conference will provide a unified communication platform for researchers in a wide area of topics from information technology, communication science, applied mathematics, computer science, advanced material science, engineering and other related fields. This conference enables interdisciplinary collaboration between science and engineering technologists in the academic and industrial fields as well as networking internationally.

All the papers in the conference proceedings have been undergone the intensive review process performed by the international technical committee, and only accepted papers are included. These papers on various topics are divided into 30 sessions and submitted from 10 countries. This volume comprised the selected papers from the subject areas of information, communication and engineering. To all members of the Technical and Organizing Committees, we would like to take this opportunity to thank all of them for their tremendous efforts to organize this conference successfully. We would also like to extend my appreciation to the International Scientific Committee for the devotion of their precious time, advice and hard work to prepare for this Conference.

All in all, the ICICE 2012 in Fuzhou was very successful. The plenary lectures and the progress and special reports bridged the gap between the different fields of information, communication and engineering making it possible for non-experts in a given area to gain insight into new areas. Also, we would like to express my sincere thanks to all the committee members for organizing the conference and program. The supports of the Chia Nan University of Pharmacy & Science, the Kun Shan University, the Fujian Information Industry Association, the National Yunlin University of Science & Technology, the China University of Petroleum (East China), the Cross-strait Media and many other companies are also greatly appreciated. The next ICICE will take place in Qingdao in 2013. Given the rapidity with which science is advancing in all of the areas covered by ICICE, we expect that these future ICICE conferences will be as stimulating as this most recent one was, as indicated by the contributions presented in this proceedings.

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