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Editors

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and Computer Engineering

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Preface

The first International Conference on Communication and Computer Engineering (ICOCOE 2014) was held in the historical city of Malacca, Malaysia, between May 20 and 21, 2014. The conference focuses on industrial and manufacturing theory and applications of electronics, communications, computing, and information technology. The objectives of the conference were to provide an avenue for researchers to present high-quality research and be involved in professional interactions for the advancement of science, technology, and fellowship. More than 300 participants from 15 countries registered for the conference. ICOCOE 2014 provided a platform for them to present their latest invention and advanced technology and research, share their expertise, establish new contacts, and discuss a range of communication and computer engineering topics for the betterment and future advancement of these fields.

ICOCOE 2014 is the first ever event handled by Prime Systems, an educational consulting sector provider. It was successful in getting overwhelming response from public and private sectors, local and foreign universities, research institutions, stakeholders, and various industries from all over the region. Nearly 200 papers were received with only around 102 papers accepted. Associate Professor Dr. Muhammad Ramlee from Universiti Teknologi Malaysia gave a keynote address on RF and microwave communication system in advanced systems while Prof. Eryk Dutkiewicz from Macquarie University presented his latest work on wireless communications. Several technical sessions were arranged for the conference.

This book contains a selection of revised manuscripts presented at ICOCOE 2014 within the two main conference themes, which are communications and computer engineering research areas. This book covers various aspects of advanced computer and communication engineering, specifically on industrial and manufacturing theory and applications of electronics, communications, computing, and information technology. The development of latest technologies has been

highlighted, aimed at various computer and communication-related professionals such as telecommunication engineers, computer engineers and scientists, researchers, academicians, and students. Furthermore, several applications involving cutting edge communication and computer systems are also discussed.

The editors wish to acknowledge Prime Systems for successfully organizing and sponsoring this conference.

Hamzah Asyrani Sulaiman
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