Preface

Due to recent pandemic, 2022 7th International Conference on Computer and Information Processing Technology (ISCIPT 2022) was held virtually online during August 5-7, 2022. The decision to hold the virtual conference was made in compliance with many restrictions and regulations that were imposed by countries around the globe. Such restrictions were made to minimize the risk of people contracting or spreading the COVID-19 through physical contact. There were 100 individuals who attended this on-line conference, represented many countries.

ISCIPT 2022 is to bring together innovative academics and industrial experts in the field of computer and information processing technology to a common forum. The primary goal of the conference is to promote research and developmental activities in computer and information processing technology and another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working all around the world. The conference will be held every year to make it an ideal platform for people to share views and experiences in computer and information processing technology and related areas.

During the conference, the conference model was divided into three sessions, including oral presentations, keynote speeches, and online Q&A discussion. In the first part, some scholars, whose submissions were selected as the excellent papers, were given about 5-10 minutes to perform their oral presentations one by one. Then in the second part, keynote speakers were each allocated 30-45 minutes to hold their speeches.

In the second part, we invited nine professors as our keynote speakers. Assoc. Prof. Ailing Xiao, our first keynote speakers, from Beijing University of Posts and Telecommunications, China. Her research interests include marine communications, QoE-oriented resource management, and survival strategies for virtual networks. The second keynote speakers, Prof. Shuwen Xu, IEEE Senior Member, Xidian University. His main research interests are sea clutter sensing and detection of weak targets, and he mainly conducts research at the National Lab of Radar Signal Processing (Xidian University). Prof. Shuangjie Liu, Shenyang Ligong University, China. His research Interest is intelligent munitions. Prof. Hiroshi Fujita, IEICE Fellow, Gifu University, Japan. His research interests include computer-aided diagnostic systems, image analysis and processing, and image evaluation in medicine. And then we had Dr. TIURIN SERGEI; Assoc. Prof. Hongbo Zhu, Shenyang Ligong University, China; Dr. Fangfang Fan, Prof. Wendong Xiao, IEEE Senior Member, University of Science and Technology Beijing, China; Prof. Nikolaos M. Freris, IEEE Senior Member, University of Science and Technology of China as our keynote speakers. Their insightful speeches had triggered heated discussion in the third session of the conference. Every participant praised this conference for disseminating useful and insightful knowledge.

The proceedings are a compilation of the accepted papers and represent an interesting outcome of the conference. Topics include but are not limited to the following areas: Computer science and Technology, Internet, e-commerce and multimedia, Electronic Science and Technology, Information and Communication Engineering, Information technology in the enterprise application and other related topics. All the papers have been through rigorous review and process to meet the requirements of international publication standard.

We would like to acknowledge all of those who supported ISCIPT 2022. The help and contribution of each individual and institution was instrumental in the success of the conference. In particular, we would like to thank the organizing committee for its valuable inputs in shaping the conference program and reviewing the submitted papers.

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