It is our great pleasure to welcome you all at the 27th IEEE International Conference on Advanced Information Networking and Applications (IEEE AINA 2013). The conference will be held in Barcelona, Spain, on March 25-28, 2013. IEEE AINA International Conference is a forum for sharing ideas and research work in the emerging areas of information networking and their applications.

The area of advanced networking has grown rapidly and the applications around it have experienced an explosive growth especially in the area of pervasive and mobile applications, multimedia computing and social networking, semantic collaborative systems, as well as Grid, P2P and Cloud Computing. This advanced networking revolution is transforming the way people live, work, and interact with each other, and is impacting the way business, education, entertainment, and health care are operating. The papers included in the proceedings cover theory, design and application of computer networks, distributed computing, and information systems.

Each year AINA has received high-quality submissions from all around the world and maintained high-quality accepted papers as it aspires to be one of the main international conferences on the Information Networking in the world. In conjunction with the IEEE AINA 2013 conference, there are 23 workshops, which also accepted high-quality papers.

An international conference of this size requires the support and help of many people. A lot of people have helped and worked hard to produce a successful IEEE AINA 2013 technical program and conference proceedings. First, we would like to thank all of the authors for submitting their papers, the session chairs, and distinguished keynote speakers. We are indebted to Program Area Chairs, Program Committee Members and reviewers, who carried out the most difficult work of carefully evaluating the submitted papers.

We would like to give our special thanks to Prof. Makoto Takizawa and Prof. Leonard Barolli, Co-Chairs of the Steering Committee for their strong encouragement, guidance and insights, and for spending a lot of energy for organizing the conference and shaping the conference program. We would like to thank Prof. Hui-Huang Hsu, Tamkang University, Taiwan, Prof. Beniamino Di Martino, Second University of Naples, Italy, and Prof. Shengrui Wang, University of Sherbrooke, Canada, for their great work as PC Co-Chairs. We give thanks to Workshops Co-Chairs, Dr. Tomoya Enokido, Rissho University, Japan, Dr. Wenny Rahayu, La Trobe University, Australia, and Dr. Markus Aleksy, ABB AG, Germany.

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Finally, we thank the Local Arrangement Chairs for their great support and help and for making excellent local arrangement for the conference.

We hope you will enjoy the conference and have a great time in Barcelona.

IEEE AINA 2013 General Co-Chairs

Fatos Xhafa, Technical University of Catalonia, Spain
Kin Fun Li, University of Victoria, Canada
Minoru Uehara, Toyo University, Japan