Welcome to the proceedings of the International Conference on Computer, Informatics, Cybernetics and Applications 2011 (CICA 2011), which was held in September 13–16, 2011, in Hangzhou, China.

CICA 2011 will be a venue for leading academic and industrial researchers to exchange their views, ideas and research results on innovative technologies and sustainable solutions leading to Computer, Informatics, Cybernetics and Applications. The conference will feature keynote speakers, a panel discussion and paper presentations.

The objective of CICA 2011 is to facilitate an exchange of information on best practices for the latest research advances in the area of Computer, Informatics, Cybernetics and Applications, which mainly includes the intelligent control, or efficient management, or optimal design of access network infrastructures, home networks, terminal equipment, and etc. CICA 2011 will provide a forum for engineers and scientists in academia, industry, and government to address the most innovative research and development including technical challenges, social and economic issues, and to present and discuss their ideas, results, work in progress and experience on all aspects of Computer, Informatics, Cybernetics and Applications.

The CICA 2011 conference provided a forum for engineers and scientists in academia, industry, and government to address the most innovative research and development including technical challenges and social, legal, political, and economic issues, and to present and discuss their ideas, results, work in progress and experience on all aspects of Computer, Informatics, Cybernetics and Applications.

There was a very large number of paper submissions (721), representing 7 countries and regions, not only from Asia and the Pacific, but also from Europe, and North and South America. All submissions were reviewed by at least three Program or Technical Committee members or external reviewers. It was extremely difficult to select the presentations for the conference because there were so many excellent and interesting submissions. In order to allocate as many papers as possible and keep the high quality of the conference, we finally decided to accept 184 papers for presentations, reflecting a 25.5% acceptance rate. We believe that
all of these papers and topics not only provided novel ideas, new results, work in progress and state-of-the-art techniques in this field, but also stimulated the future research activities in the area of Computer, Informatics, Cybernetics and Applications.

The exciting program for this conference was the result of the hard and excellent work of many others, such as Program and Technical Committee members, external reviewers and Publication Chairs under a very tight schedule. We are also grateful to the members of the Local Organizing Committee for supporting us in handling so many organizational tasks, and to the keynote speakers for accepting to come to the conference with enthusiasm. Last but not least, we hope you enjoy the conference program, and the beautiful attractions of Hangzhou, Zhejiang, China.

July 2011

Xingui He
Ertian Hua
Yun Lin
Xiaozhu Liu

General and Program Chairs

CICA 2011
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