

FOREWORD

We warmly welcome you to WINSYS 2010 - the International Conference on Wireless Information Networks and Systems, which is held, this year in Athens, Greece, hosted by the University of Piraeus.

This conference reflects a continuing effort to increase the dissemination of recent research among professionals who work on the field of Wireless Information Systems. WINSYS is integrated as one of the modules of the ICETE joint conference. The participants in WINSYS 2010 can attend all sessions of the remaining 5 major conferences of ICETE. This is a golden opportunity for researchers to share ideas and experiences with colleagues from different, but related communities.

Sponsored by INSTICC (the Institute for Systems and Technologies of Information, Control and Communication), the conference is technically co-sponsored by IEEE Communications Society and IEEE Systems, Man and Cybernetics, and organized in cooperation with IACR (the International Association for Cryptologic Research), ACM SIGSAC (Special Interest Group on Security, Audit and Control), ACM SIGMM (Special Interest Group on Multimedia), and IEICE (the Japanese Institute of Electronics, Information and Communication Engineers).

The major goals of WINSYS is to bring together researchers, engineers and practitioners interested in information and wireless network systems in order to share their research results and experience. WINSYS 2010 offers an exceptional forum for worldwide researchers and practitioners from academia, industry, business, and government to share their expertise results and research findings in all areas of wireless networks and systems. WINSYS 2010 program includes outstanding technical papers and distinguished keynote speeches. With these technical sessions, we expect to appeal to a global audience of the engineers, scientists, business practitioners and policy experts, interested in all areas of wireless networks and systems.

ICETE has received 422 papers in total, with contributions from 46 different countries, in all continents, which demonstrates the success and global dimension of ICETE 2010. To evaluate each submission, a double blind paper evaluation method was used: each paper was reviewed by at least two experts from the International Program Committee, in a double-blind review process, and most papers had 3 reviews or more. The selection process followed strict criteria in all tracks so only 48 papers were accepted and orally presented at ICETE as full papers (11.3% of submissions) and 74 as short papers (17.5% of submissions). Additionally, 60 papers were accepted for poster presentation. With these acceptance ratios, ICETE 2010 continues the tradition of previous ICETE conferences; a quality conference with high calibre. The best papers of the conference will be invited to appear in a post-conference book that will be published by Springer-Verlag.

A successful conference involves more than paper presentations; it is also a meeting place,

where ideas about new research projects and other ventures are discussed and debated. Therefore, a social event including a conference dinner was organized for the evening of Tuesday, July 27, 2010 in order to promote this kind of social networking.

We would like to express our thanks, first of all, to the authors of the technical papers presented at the conference, whose work made it possible to put together a high quality program. Next, we would like to thank all members of the program committee and reviewers, who helped us with their expertise, dedication and time. We would also like to thank the invited speakers for their invaluable contribution, sharing their vision and knowledge. Naturally, a word of appreciation for the work of the secretariat and all other members of the organizing committee and sponsors, whose diligence in dealing with all organizational issues were essential and required a collaborative effort of a dedicated and highly capable team.

We hope that these proceedings will be a useful reference in future works for all those who need to address topics in the areas of wireless networks and systems as well as other ICETE knowledge areas.

Enjoy the program and your stay in Athens.

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