ICSNC 2012

Forward

The Seventh International Conference on Systems and Networks Communications (ICSNC 2012), held on November 18-23, 2012 in Lisbon, Portugal, continued a series of events covering a broad spectrum of systems and networks related topics.

As a multi-track event, ICSNC 2012 served as a forum for researchers from the academia and the industry, professionals, standard developers, policy makers and practitioners to exchange ideas. The conference covered fundamentals on wireless, high-speed, mobile and Ad hoc networks, security, policy based systems and education systems. Topics targeted design, implementation, testing, use cases, tools, and lessons learnt for such networks and systems

The conference had the following tracks:

• WINET: Wireless networks
• HSNET: High speed networks
• SENET: Sensor networks
• MHNET: Mobile and Ad hoc networks
• VENET: Vehicular networks
• RFID: Radio-frequency identification systems
• SESYS: Security systems
• MCSYS: Multimedia communications systems
• POSYS: Policy-based systems
• PESYS: Pervasive education system

We welcomed technical papers presenting research and practical results, position papers addressing the pros and cons of specific proposals, such as those being discussed in the standard forums or in industry consortiums, survey papers addressing the key problems and solutions on any of the above topics, short papers on work in progress, and panel proposals.

We take here the opportunity to warmly thank all the members of the ICSNC 2012 technical program committee as well as the numerous reviewers. The creation of such a broad and high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and efforts to contribute to the ICSNC 2012. We truly believe that thanks to all these efforts, the final conference program consists of top quality contributions.

This event could also not have been a reality without the support of many individuals, organizations and sponsors. We also gratefully thank the members of the ICSNC 2012 organizing committee for their help in handling the logistics and for their work that is making this professional meeting a success. We gratefully appreciate to the technical program committee co-chairs that contributed to identify the appropriate groups to submit contributions.

We hope the ICSNC 2012 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in networking and systems communications research.

We hope Lisbon provided a pleasant environment during the conference and everyone saved some time for exploring this beautiful city.

ICSNC 2012 Chairs

ICSNC Advisory Chairs
Eugen Borcoci, University Politehnica of Bucarest, Romania
Sathiamoorthy Manoharan, University of Auckland, New Zealand
Reijo Savola, VTT, Finland
Leon Reznik, Rochester Institute of Technology, USA
Masashi Sugano, Osaka Prefecture University, Japan
Zoubir Mammeri, IRIT, France

ICSNC 2012 Research Institute Liaison Chairs
Song Lin, Yahoo! Labs / Yahoo Inc. - Sunnyvale, USA
Habtamu Abie, Norwegian Computing Center - Oslo, Norway

ICSNC 2012 Industry/Research Chairs
Rolf Oppliger, eSECURITY Technologies - Guemligen, Switzerland
Jeffrey Abell, General Motors Corporation, USA
Christopher Nguyen, Intel Corp., USA
Javier Ibanez-Guzman, RENAULT S.A.S. / Technocentre RENAULT - Guyancourt, France

ICSNC 2012 Special Area Chairs

Mobility / vehicular
Maode Ma, Nanyang Technology University, Singapore

Pervasive education
Maiga Chang, Athabasca University, Canada