Preface

Beginning with the first event in 2002, the International Conference on Wired/Wireless Internet Communications (WWIC) has continuously been established as a highly selective conference focusing on integration and co-existence of rapidly developing wireless network technologies and their applications related to the Internet. To do so WWIC provides an international forum for presenting and discussing cutting-edge research in this domain, and the 8th edition of WWIC, held at Luleå University in June 2010, continued this tradition.

The WWIC 2010 call for papers attracted 45 submissions from more than 25 countries and each contribution was subject to thorough peer review by recognized international experts that acted as members of the Technical Program Committee. The selection process resulted in 16 accepted papers, which were thematically grouped into 5 technical sessions. The major themes of WWIC 2010 were cooperation, management of multimedia traffic, advancing IEEE 802.11, cognitive optimization, mesh and multi-hop networks, security, signaling, control, and wireless sensor networks.

We are grateful to our two outstanding keynote speakers, Mario Gerla (UCLA, USA) and Henning Schulzrinne (Columbia University, USA). This year’s conference also featured three invited sessions on cognitive multihop networks (organized by Andreas Kassler from Karlstad University and Merouane Debbah from Supelec), on QoS trends in networking and network monitoring and measurement systems (organized by Edmundo Monteiro from the University of Coimbra and Xavi Masip from the Universitat Politecnica de Catalunya) and on network monitoring and management systems (organized by Christian Callegari from the University of Pisa and Rene Serral-Gracia from the Universitat Politecnica de Catalunya). In line with the tradition of previous editions of WWIC, this year's conference gladly hosted the 4th ERCIM workshop on eMobility, which took place on May 31, 2010 and was organized by Torsten Braun from the University of Bern.

We thank all authors for contributing to the technical excellence of WWIC 2010 and all the members of the Technical Program Committee for their effort in providing timely and constructive reviews, which ensured the scientific excellence of the event. Further, Springer LNCS is gratefully acknowledged for their continued commitment to publishing the WWIC proceedings. Special gratitude goes to the financial sponsors of WWIC 2010, Ericsson and CDT (Centre for Distance-spanning Technologies) for providing their support. Luleå University of Technology, the Local Organizing Committee and its chair Laurynas Riliskis are gratefully acknowledged for their dedication in making WWIC 2010 a success.
We hope that all conference delegates enjoyed the scientific program and the unforgettable experience of the midnight sun. Next year we look forward to welcoming you to WWIC 2011 in Vilanova i la Geltrú, Barcelona, Spain.

April 2010

Evgeny Osipov
Andreas Kassler
Xavi Masip-Bruin
Thomas Michael Bohnert
Organization

WWIC was organized by Luleå University of Technology in June 2010. Luleå University of Technology is the northernmost university of technology in Scandinavia and has a world-class standard of research and education. Luleå University of Technology conducts research in the Faculty of Engineering and the Faculty of Arts and Social Sciences. Both major international and national companies and small enterprises in the region are involved in the university's research and development projects.

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