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Wireless Internet

6th International ICST Conference, WICON 2011
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Revised Selected Papers

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Preface

The 2011 6th International ICST Conference on Wireless Internet (WICON) was successfully held in Xi'an, China, during October 19–21, 2011. This year's conference continued its tradition of being the premier forum for presentation of results on cutting-edge research in telecommunications and networking, bringing together international researchers and practitioners for discussions on the latest developments in information and communication technologies. The conference attracted 55 international registrants from about ten countries in Asia Pacific, North America, and Europe.

The Technical Program Committee (TPC) did an outstanding job in organizing a diverse technical program consisting of three tracks that covered a broad range of research areas in information and communication technologies. Under the excellent leadership of the General Chair, Pinyi Ren, and TPC Co-chairs, the Track Chairs and TPC members handled the reviews of about 100 papers submitted through the open call with 3 reviews per paper on average. From these open submissions, 55 papers were presented in 10 technical sessions. Based on the reviews, the TPC selected one paper for the “Best Paper Award,” and one paper co-authored by students for the “Best Student Paper Award.” Several journal special issues collecting extended versions of selected best papers from the technical program are being organized. We anticipate that this body of work will provide important references to the technical community.

The technical program featured two outstanding keynote speakers: John Thompson from the University of Edinburgh, “Green Radio for Energy-Efficient Wireless Communications,” and Jiro Katto from Waseda University, “Multimedia Transport Technologies over Wired/Wireless Networks.” A gala banquet was held on the evening of 20 October, during which the best paper awards were presented. The banquet featured a musical performance by several students from Xi'an Jiaotong University, which was very much appreciated by the attendees.

The success of any conference depends on many hard-working people. The TPC Chairs, Xin Liu, Pei Liu, and Song Ci, did an outstanding job in organizing the technical program. Many thanks to the four Track Chairs, Xiang Chen (PHY Track), Jun Cai (MAC Track), Zhou Su (Network Track), and Zhen Ji (Service/Application Track) for handling the reviews and selection of the WICON papers. I would also like to express my appreciation to the following contributors for their support and dedication during the organizational process of WICON 2011: ICST Executive Director, Csaba A. Szabo, Steering Committee, Imrich Chlamtac (Chair), Xudong Wang, Hsiao-Hwa Chen, Mahmoud Daneshmand,

Sponsorship Chair, Jiangguo Deng, Publication Chair, Chao Zhang, Publicity Chair, Qinghe Du, Web Chair, Gangming Lv, and Conference Coordinator, Aza Swedin for their excellent work. Special thanks are given to Fan Li, the Local Arrangements Chair, for his excellent job in arranging the venue and handling many other logistics. This conference was organized under the sponsorship of ICST and the technical sponsorships of EAI. The corporate patronage of Huawei and NSFC is gratefully acknowledged.

Pinyi Ren

Conference Organization

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