Preface

The 2011 6th International ICST Conference on Communications and Networking in China (CHINACOM) was successfully held in Harbin, China on August 17-19, 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 Chinese and international researchers and practitioners for discussions on the latest development in information and communication technologies. The conference attracted 196 international registrants from 12 countries in Asia Pacific, North America and Europe.

The Technical Program Committee did an outstanding job in organizing a diverse technical program consisting of four symposia that covered a broad range of research areas in information and communication technologies. Under the excellent leadership of TPC Co-chairs Prof. Weixiao Meng, Prof. Fumiyuki Adachi and Prof. Qilian Liang, 193 TPC members from 29 countries handled the reviews of 397 papers submitted through the open call with 3.2 reviews per paper on average. From these open submissions, 206 papers were presented in 41 technical sessions that included additionally 14 invited papers and 26 special session papers. Based on the reviews, the TPC selected 8 papers from the different symposia for the “Best Paper Awards”, and another 8 papers co-authored by students for the “Best Student Paper Awards”. The conference proceedings of Chinacom 2011 will be archived in IEEE Xplore and submitted for indexing by Engineering Index (EI). 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 three outstanding keynote speakers from academia and industry: Dr. Huidi Li, Dr. Rabinder Madan and Prof. Xuemin (Sherman) Shen, covering interesting topics such as future wireless networks, body area networks and non-linear systems. The Industry Panel Chair, Dr. Lan Chen, did a great job to organize an industry panel session on “Future mobile communication, and its collaboration with broadcast and IOT (Internet of Things)”. The panel session was chaired by Dr. Suda Hirohito, President and CEO of DOCOMO Beijing Labs, and included seven technical experts from the telecommunications industry as panelists.

Before the main conference held in 17-19 August, 4 workshops and 3 tutorials were conducted on 16 August. The workshops covered hot topics such as cloud computing, network coding, high-speed rail communications and satellite communications. The tutorials provided surveys of current topics such as cognitive radios, 3G LTE/LTE-A, and underwater sensor networks. Attendance of the tutorials was free for registrants of the main conference.

A gala banquet was held in the evening of 18 August, during which the best paper awards were presented and the organizers and location for Chinacom 2012 were introduced. The banquet featured a musical performance by several students from Harbin Institute of Technology, which was very much appreciated by the attendees.

The success of the conference was made possible owing very much to the tremendous efforts contributed by the local team from Harbin Institute of Technology, including
several faculty members who served on the Organizing Committee and many student volunteers who assisted the conference attendees and the session chairs. We are grateful to ICST for sponsoring Chinacom 2011, and technical sponsorship of EAI and CREAT-NET. We are very thankful to IEEE Computer Society, IEEE Harbin Section and Harbin Institute of Technology for providing technical co-sponsorships. Corporate patronage of China Mobile, TD-Tech and Agilent Technologies is gratefully acknowledged.

We also thank the Steering Committee for its unwavering support of this conference series, all the members of the Organizing Committee for their great efforts, the keynote speakers, all the reviewers who contributed technical reviewers, all the authors and presenters who contributed their technical work, organizers of the workshops and presenters of the tutorials. For a list of all individuals who have contributed to the organizing of Chinacom 2011, please visit the conference website: 

Prof. Shuguo Wang
General Co-Chair

Prof. Victor Leung
General Co-Chair

Prof. Zhongzhao Zhang
General Vice-Chair