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Xingang Liu · Dai Cheng
Lai Jinfeng (Eds.)

Communications and Networking

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Proceedings

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Preface

We are delighted to introduce the proceedings of the 2018 European Alliance for Innovation (EAI) International Conference on Communications and Networking in China (ChinaCom 2018). This conference has brought together Chinese and international researchers and practitioners in networking and communications under one roof, building a showcase of these fields in China.

The technical program of ChinaCom 2018 consisted of 22 tracks: Wireless Communications and Networking, Next-Generation WLAN, Big Data Networks, Cloud Communications and Networking, Ad Hoc and Sensor Networks, Satellite and Space Communications and Networking, Optical Communications and Networking, Information and Coding Theory, Multimedia Communications and Smart Networking, Green Communications and Computing, Signal Processing for Communications, Network and Information Security, Machine-to-Machine and Internet of Things, Communication QoS, Reliability and Modeling, Cognitive Radio and Networks, Smart Internet of Things Modeling, Pattern Recognition and Image Signal Processing, Digital Audio and Video Signal Processing, Antenna and Microwave Communications, Radar Imaging and Target Recognition, and Video Coding and Image Signal Processing.

Following the great success of the past ChinaCom events held during 2006–2017, ChinaCom 2018 received more than 114 submitted papers, from which 71 papers were selected for presentation. The Technical Program Committee (TPC) did an outstanding job in organizing and invited three keynote speakers: Dr. Michael Pecht from Maryland University, UK, Stephen Weinstein from Communication Theory and Technology Consulting LLC, UK, and Han-Chieh Chao from National Dongwa University, Hualien, China.

Coordination with the steering chairs, Imrich Chlamtac and Bruno Kessler were, was essential for the success of the conference. We sincerely appreciate their constant support and guidance. It was also a great pleasure to work with such an excellent Organizing Committee and we thank them for their hard work in organizing and supporting the conference. In particular, we thank the TPC, led by our TPC co-chairs, Dr. Xingang Liu, Dr. Supeng Leng, and Dr. Jinfeng Lai, who completed the peer-review process of the technical papers and compiled a high-quality technical program. We are also grateful to the conference manager, Kristina Lappyova, for her support, and all the authors who submitted their papers to the ChinaCom 2018 conference.

We strongly believe that ChinaCom 2018 provided a good forum for all researchers, developers, and practitioners to discuss all science and technology aspects that are relevant to smart grids. We also expect that future ChinaCom conferences will be as successful and stimulating as the present one.

November 2018

Hsiao-Hwa Chen
Gharavi Hamid
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