Message from the GreenCom2010 General Chairs


Computing and communication systems play key roles in modern IT infrastructure, affecting every aspect of life, including services related to health, banking, commerce, defense, education and entertainment. It has been viewed that there are tremendously increasing demands for computing, communication and storage systems since last decades. To fulfill such requirements, modern IT infrastructures have been extended and scaled, which brings various "green" related issues, such as energy consumption, heat dissemination, greenhouse emission and resource total cost of ownership. Over its six year history, GreenCom has established itself as one of the premier forums dedicated to addressing the important and emerging challenges in green computing and communications. Following the previous successful events, GreenCom 2010 provides a forum for researchers and practitioners to exchange research results and share development experiences.

We are delighted that the GreenCom-10 conference continues to attract high-quality submissions from a diverse and international group of researchers. The conference program consists of the main conference and 3 workshops/symposia.

A conference like this cannot be organized without the hard work and dedication of many people. First of all, we would like to thank all the researchers who submitted manuscripts. We would like to express our appreciation to the program chairs, Lizhe Wang (Indiana University, USA), Feng Xia (Dalian University of Technology, China) and Mitsuhisa Sato (University of Tsukuba, Japan), program vice chairs and program committee members for their tremendous time and effort during the paper review and selection process. We also want to thank GreenCom Steering Chairs, Laurence T. Yang (St Francis Xavier University, Canada) and Lizhe Wang (Indiana University, USA), for giving us the opportunity to hold this conference and for their guidance on organizing the conference.

For help with the organization of the workshops, we are especially indebted to Workshop Chairs, Cheng Fu (Nanyang Technological University, Singapore), Tianyi Zang (Harbin Institute of Technology, China) and Feilong Tang (Shanghai Jiaotong University, China). Special thanks go to Lai Tu (Huazhong University of Science and Technology, China), Qianhui Liang (Singapore Management University, Singapore), Qianbing Zheng (National University of Defense Technology, China), Jie Wen (HuaZhong University of Science and Technology, China), Dakai Zhu (University of Texas at San Antonio, USA), for publicizing the GreenCom 2010 extensively, Shizheng Jiang (St Francis Xavier University, Canada) for maintaining the conference webpage, submission and registration systems, etc. We also would like to express our appreciation for Huajun Chen and Ling Chen (Zhejiang University, China) for their hard work, excellent service, and superb local arrangements. Efforts of these individuals were critical in constructing our successful technical program.

Finally, we thank all the participants of the conference and hope that you have a truly memorable GreenCom 2010 in Hangzhou, China.

Wu Feng, Virginia Tech, USA
Salim Hariri, University of Arizona, USA
Honggang Zhang, Zhejiang University, China
General Chairs of GreenCom 2010