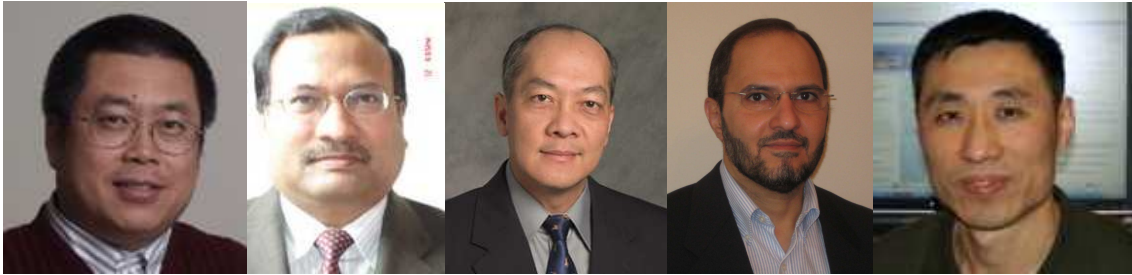


Message from the TPC Chairs



Guoliang Xue Mukesh Singhal Hung Nguyen Ahmed E. Kamal Bin Wei
TPC Chair TPC Chair TPC Co-Chair TPC Co-Chair TPC Co-Chair

Aloha! It is our great pleasure to welcome you to the first International Conference on Computing, Networking, and Communications (ICNC'2012).

We have been talking about the convergence of computing and communications for more than a decade. Now, we are all witnesses of the wonderful outcome of this convergence: smart phones, cloud computing, sensor networks, smart grid and vehicular networks. The list goes on and on. Therefore, there is a great need for a high quality technical conference that covers all converging aspects of computing, networking, and communications. We hope that ICNC'2012 will be the start of a successful conference series to meet this goal.

We have received a total of 467 papers submitted to the conference and each paper received at least three independent reviews. Among these submissions, we have selected 136 papers for inclusion in the main technical program. These papers are organized into 25 sessions, to be held on January 31st, February 1st, and February 2nd, 2012. In addition to these regular papers, ICNC'2012 features three keynote lectures, to be given by world-class researchers Weihua Zhuang of the University of Waterloo, Renato Recio of IBM, and Muriel Medard of MIT. The conference also has three distinguished lectures, twenty invited lectures and a wonderful workshop program on January 30th. We hope that you enjoy our high quality technical program.

It is impossible to have a successful conference without the efforts from many people. We take this opportunity to express our special gratitude to our symposia co-chairs. They are Anup Basu of the University of Alberta, Canada, Hsiao-Hwa Chen of National Cheng Kung University, Taiwan, Xiuzhen (Susan) Cheng the George Washington University, USA, Yu Cheng of Illinois Institute of Technology, USA, Octavia Dobre of Memorial University, Canada, Xinbo Gao of Xidian University, China, Fayez Gebali of University of Victoria, Canada, Saeed Ghassemzadeh of AT&T Labs-Research, USA, Manimaran Govindarasu of Iowa State University, USA, Xiaoyan Hong of the University of Alabama, USA, Dijiang Huang of Arizona State University, USA, Xiaohua Jia of City University of Hong Kong, China, Andrew Jiang of Texas A&M University, USA, Mario Kolberg of University of Stirling, UK, Hai Lin of Osaka Prefecture University, Japan, Xiaodong Lin of University of Ontario Institute of Technology, Canada, Zhu Liu of AT&T Labs, USA, Wenjing Lou of Virginia Tech, USA, Priya Mahadevan of PARC, USA, Shiwen Mao of Auburn University, USA, Tommaso Melodia of SUNY Buffalo, USA, Peter Muller of IBM Zurich Research Laboratory, Switzerland, Nidal Nasser of University of Guelph, Canada, Joel Rodrigues of University of Beira Interior, Portugal, Abdallah Shami of University of Western Ontario, Canada, Charalabos Skianis of University of the Aegean, Greece, Thomas Stockhammer of Nomor Research, Germany, Aaron Striegel of University of Notre Dame, USA, Tarik Taleb of Deutsche Telecom, Germany, Jian Tang of Syracuse University, USA, David Tipper of University of Pittsburgh, USA, Christos Verikoukis of Telecommunications Technological Centre of Catalonia, Spain, Bin Wang of Wright State University, USA,

Chonggang Wang of InterDigital, USA, Haitao Xia of LSI, USA, Yung Yi of KAIST, Korea, Weiyi Zhang of AT&T Labs-Research, USA, and Fan Zhai of Texas Instruments, USA.

We hope you will enjoy the technical program, and look forward to seeing you in Maui.

TPC Chairs

Guoliang (Larry) Xue, Arizona State University, USA
Mukesh Singhal, University of Kentucky

TPC Co-Chairs

Hung Nguyen, The Aerospace Corporation, USA
Ahmed E. Kamal, Iowa State University, USA
Bin Wei, AT&T Labs Research, USA