On behalf of the Program Committee of the 15th IEEE International Conference on High Performance Computing and Communications (HPCC 2013), we would like to welcome you to join the conference in Zhangjiajie, China on 13-15 November 2013.

The HPCC 2013 aims at bringing together researchers and practitioners in the world from both academia and industry who are working on high performance computing and communications. The conference will feature keynote speeches, technical presentations, symposiums and workshops, where the technical presentations from both the research community and industry will cover various aspects including experimental efforts, innovative systems, and investigations that identify weakness in the existing computing and communication technology. HPCC 2013 is the next event in a series of highly successful international conferences on high performance computing and communications (HPCC), previously held as HPCC-12 (Liverpool, UK, June 2012), HPCC-11 (Banff, Canada, September 2011), HPCC-10 (Melbourne, Australia, September 2010), HPCC-09 (Seoul, Korea, June 2009), HPCC-08 (Dalian, China, September 2008), HPCC-07 (Houston, USA, September 2007), HPCC-06 (Munich, Germany, September 2006), HPCC-05 (Naples, Italy, September 2005), HPCN-04 (Tokyo, Japan, December 2004), PACT-SHPSEC03 (New Orleans, USA, September 2003), PACT-SHPSEC02 (Charlottesville, USA, September 2002), HPCA-01 (Nova Scotia, Canada, November 2001), HPNCA-00(Delft, The Netherlands, May 2000), HPNCA-99 (Amsterdam, The Netherlands, April 1999).

The HPCC 2013 collected research papers on the related research issues from all around the world. This year we received 710 submissions for the main conference. All submissions received at least three reviews from a high-quality review process. According to the review results, 208 papers are selected for oral presentation at the conference, giving an acceptance rate of 29.3%.

We would like to offer our gratitude to Prof. Laurence T. Yang from St. Francis Xavier University, Canada and Prof. Beniamino Di Martino from Second University of Naples, Italy, the Steering Committee Chairs. Our thanks also to the General Chairs, Prof. Erol Gelenbe from Imperial College, UK, Prof. Guojun Wang from Central South University, China, and Prof. Qingping Zhou from Jishou University, China, for their excellent support and invaluable suggestions to make the success of the final program. Special thanks to the Workshop Chairs, Prof. Ryan K. L. Ko from The University of Waikato, New Zealand, Prof. Hai Jiang from Arkansas State University, USA, Prof. Felix Gomez Marmol from NEC Laboratories Europe, Germany, and Prof. Gaocai Wang from Guangxi University, China. In particular, we would like to give our thanks to all researchers and practitioners who submitted their manuscripts, and to the Program Committee and the additional reviewers that contributed their valuable time and expertise to provide professional reviews working under a very tight schedule.

Finally, we sincerely hope that the conference will provide a very good opportunity for you to learn from each other. Enjoy the conference, both technically and socially.

Albert Zomaya, University of Sydney, Australia
Carlos Becker Westphall, Federal University of Santa Catarina, Brazil
Yunquan Zhang, Institute of Software, Chinese Academy of Sciences, China
Program Chairs