Message from the PICom 2016 Program and General Chairs

It is our great pleasure to welcome you to the 14th IEEE International Conference on Pervasive Intelligent and Computing (PICom 2016).

This volume contains the proceedings of PICom 2016, the 14th IEEE International Conference on Pervasive Intelligent and Computing. The conference was held in Auckland, New Zealand, on August 8–10, 2016. The event was the 14th meeting of this conference series, PCC-2003 (Las Vegas, USA, June 2003), PCC-2004 (Las Vegas, USA, June 2004), PSC-2005 (Las Vegas, USA, June 2005), PCAC-2006 (Vienna, Austria, April 2006), PCAC-2007 (Niagara Falls, Canada, May 2007), IPC-2007 (Jeju, Korea, December 2007), IPC-2008 (Sydney, Australia, December 2008), PICom-2009 (Chengdu, China, December 2009), PICom-2011 (Sydney, Australia, December 2011), PICom-2012 (Changzhou, China, December 2012), PICom-2013 (Chengdu, China, December 2013), PICom-2014 (Dalian, China, August 2014), and PICom-2015 (Liverpool, UK, October 2015).

PICom covers many dimensions of pervasive computing, ubiquitous intelligence, big data, Internet of Things, and cloud computing. PICom 2016 is intended to play an important role for researchers and industry practitioners in the exchange of information regarding advancements in the state of the art and practice of pervasive computing and ubiquitous intelligence, as well as to identify emerging research topics and define the future directions of pervasive computing and ubiquitous intelligence.

We received a large number of submissions this year, showing by both quantity and quality that PICom is a premier conference on pervasive computing. In the first stage, all papers submitted were screened for their relevance and general submission requirements. These manuscripts then underwent a rigorous peer review process with at least three reviewers per paper. In the end, 22 papers were accepted for presentation and included in the main proceedings. To encourage and promote the work presented at PICom 2016, we are delighted to inform the authors that some of the papers will be accepted in special issues of several international reputable journals. All of these journals have played a prominent role in promoting the development and use of pervasive computing and ubiquitous intelligence.

An international conference of this scale requires the support of many people. First of all, we would like to thank the Steering Chairs, Prof. Jianhua Ma and Prof. Laurence T. Yang, for nourishing the conference and guiding its course. We are also indebted to the members of the program committee, who have put in hard work and long hours to review each paper in a professional way. Thanks to them all for their valuable time and effort in reviewing the papers. Without their help, this program would not be possible. Special thanks go to Qingchen Zhang for her help with the conference website, paper submission and reviewing system and a lot of detailed work, which facilitated the overall process. Thanks also go to the entire local arrangement committee for their help in making the conference a wonderful success. We take this opportunity to thank all the authors, participants and session chairs for their valuable efforts, many of whom traveled long distances to attend this conference and make their valuable contributions. Last but not least, we would like to express our gratitude to all of the organizations that supported our efforts to bring the conference to fruition. We are grateful to the IEEE for publishing the proceedings.

The conference is held in the beautiful city of Auckland to remind our honorary guests that besides the academic nature of the conference, the whole area is ample with beautiful scenic spots. We are proud to have you sharing your research with colleagues. We hope that you enjoy our academic entertainments,
PICom 2016, as much as we do and at the same time you are able to see the area’s magnificent natural beauty. Welcome again!

Ramiro Liscano, Haibo Zhang and Qingchen Zhang
*PICom 2016 Program Chairs*

Adnan Al-Anbuky, Francisco Herrera and Winston Seah
*PICom 2016 General Chairs*