Message from the CPSNA 2014 Conference Chairs

Welcome to Hong Kong, China and the 2nd IEEE International Conference on Cyber-Physical Systems, Networks, and Applications (CPSNA 2014).

The main objective of this conference is to explore innovative, exciting, and fresh research ideas for Cyber-Physical Systems (CPS), which are next-generation embedded systems with closely coordinated computational and physical components. Emerging applications of CPS include transportation, healthcare, energy, manufacturing, entertainment, consumer electronics, and environmental monitoring, all of which will be essential pieces of our social infrastructure. CPS fundamentally require a multidisciplinary research initiative, as their relevant technologies appear in diverse areas of Science and Engineering. CPSNA aims to bring together researchers from all over the world, and particularly from Asia, to foster and promote this multidisciplinary effort.

CPSNA started as a workshop in 2011 co-located with The 17th IEEE International Conference on Embedded and Real-Time Computing Systems and Applications (RTCSA 2011). After continuing as a RTCSA co-located workshop for one more year, CPSNA officially became an IEEE conference last year. The first edition of the conference (CPSNA 2013) was held in Taipei, Taiwan. We continue this year in Hong Kong, China, where CPSNA is being organized as a two-day conference.

In this edition of the conference, we received a total of 23 submissions. The papers come from 10 countries and regions including China, Germany, India, Iran, Japan, Korea, Singapore, Spain, Sweden and Taiwan. Each submission was reviewed by at least three peer reviewers. Overall, the best 9 regular papers (39% acceptance rate), and 4 short papers, were selected. The technical program also includes two invited keynote speakers, and 3 invited papers from excellent researchers in the world.

We would like to take this opportunity to thank all of the authors who submitted their papers to the conference as well as the conference participants. We also thank the efforts of the Program Committee members in reviewing papers, and the CPSNA Steering Committee for their guidance in making the conference successful. We also thank all the Publicity Co-chairs for ensuring a good submission of papers to the conference, and the Publication Chair for managing the proceedings. Last, but not the least, a number of local chairs worked hard to coordinate the conference. We thank all of them for their tremendous efforts to make this edition of CPSNA successful.

Arvind Easwaran and Victor Lee
Program Co-Chairs

Joseph Ng
General Chair