Message from the Program Chairs-in-Chief
COMPSAC 2015

A warm welcome to COMPSAC 2015, the 39th Annual International Computers, Software and Applications Conference, this year held in Taichung, Taiwan - July 1-5, 2015, and organized around the theme of “Mobile and Cloud Systems – Challenges and Applications”. Selecting this theme is inspired by the recognition of the tremendous increase of mobile applications and their integration with cloud computing. The cloud computing became an inevitable part of any type of software applications, from desktop applications, to different embedded systems applications, connected to cloud infrastructures to obtain large amount of data and to execute complex computations that would not be possible to perform locally. Mobile applications in combination to cloud computing provide great opportunities, but also impose many challenges related to different concerns, for example trustworthy, availability, performance, safety and security, privacy, etc. Addressing these challenges and providing solutions to meet such challenges were the driving force behind organizing COMPSAC 2015.

This year, the main conference (not including workshops) received 305 submissions, which is one of the largest numbers of submission in the COMPSAC history. Following the tradition of past COMPSAC conferences, each submission underwent a rigorous double-blind review process and was discussed by the program and track chairs during the PC meeting, which took place in Shanghai, China, in March 2015. As the result of the process, we accepted 61 papers, or 20% of the submissions as regular papers, and 64 submissions, or 21% of the submissions as short papers for inclusion into this year’s COMPSAC proceedings, published by IEEE CS.

The conference is organized in 10 symposia: Embedded & Cyber-Physical Environments (ECPE), Software Engineering Technologies & Applications (SETA), Technologies and Applications of the Internet (TAIN), Security, Privacy and Trust Computing (SEPT), Mobile, Wearable and Ubiquitous Computing (MOWU), Web Technologies & Data Analytics (WEDA), Human-Machine and Aware Computing (HUMA), Novel Applications and Technology Advances in Computing (NATA), Computer Education and Learning Technologies (CELT), and IT in Practice (ITiP). Each symposium had its Program Committee chair(s), and a Program Committee team that review the papers.

This year’s COMPSAC is composed of 38 regular sessions grouped in 10 symposia, three keynote speeches, four panels, a PhD forum session, and four fast abstract sessions. In addition, COMPSAC 2015 is hosting 20 workshops.

This year we pay a tribute to Professor Stephen S. Yau, 1974-75 President of IEEE Computer Society and founder of IEEE COMPSAC conference, in recognition of his outstanding contributions to research and education in the field of computing, and his exemplary, decades long professional leadership and service to our profession. In the celebration we have panels with distinguished researches, and several invited talks.

The success of a complex conference like COMPSAC always depends on the quality of submitted papers, the expertise of the participating program committee members, reviewers, and the engagement of all colleagues involved in the organization of the conference. Therefore, we would like to take this
opportunity to thank the authors, who submitted their valuable research results to the conference, the symposia chairs, who diligently oversaw the paper review process, and the members of the Program Committee and external reviewers whose dedicated and expert review is the foundation of the rich program assembled for COMPSAC 2015. We also thank all keynote speakers and panelists for further enriching the conference program with their insights.

We deeply appreciate the invaluable help of Carl Chang, Standing Committee Chair of COMPSAC who is truly the backbone of the conference. Special thanks are extended to William (Cheng-Chung) Chu, the Steering Committee Chair, and COMPSAC 2015 General Chairs David Alan Grier, Shih-Chiin Lee, in particular to Sheikh Iqbal Ahamed who helped us tremendously in shaping the program. In the process of the review we got valuable help from Haihua Xie who maintained MyReview system, and provided different reports. Many people were involved in the COMPSAC 2015 organization, including the program shaping, the proceedings, invitations to keynotes and panelists and other activities that make COMSPAC 2015 a memorable event. We wish to thank all of them for their amazing efforts and fantastic work.

COMPSAC 2015 Program Chairs-in-Chief

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Pao-Ann Hsiung, National Chung Cheng University, Taiwan
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