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Preface

We are very pleased to introduce the proceedings of the Joint Conference on Pervasive Computing and Web Society, which was held on the picturesque campus of the Universidad Adolfo Ibáñez in Viña de Mar, Chile. This 2013 event saw a true union of ICPCA and SWS topics under the broader research theme of networked world.

In the past year, technological advances have expanded our reach and deepened our information and knowledge resources. One of the most profound breakthroughs is the combination of wearable devices and big data, which has opened up a new frontier of innovation, fulfilling the vision of a human-centric knowledge society. In this context, there is a need to strengthen and optimize network and device capacities. There is also a need for novel service models. Finally, the interaction between technology and community is reshaping societies in many significant ways. These proceedings present research papers investigating a variety of aspects, which are organized in the following four categories: infrastructure and devices, service and solution, data and knowledge, and community.

This year the joint conference of ICPCA8/SWS5 received 156 submissions. Every submitted paper went through a rigorous review process. Each paper was peer-reviewed by Program Committees and selected reviewers. Based on these recommendations, the program co-chairs made acceptance decisions and classified the accepted papers into two categories:

Full papers: 56 papers passed the most stringent selection for oral presentation.

Short papers: 29 additional papers were selected for poster presentation.

It was another year of hard work and selfless contribution. On behalf of the Organizing Committee, we have many people to thank. We are grateful to all members of the Technical Program Committee (TPC). The most significant task fell upon their experienced shoulders — it was their hard work that enabled us to identify a set of high-quality submissions reflecting the trends and interests of the related research fields. We would like to extend our gratitude to the international advisory committee for its invaluable advice and guidance. Our special thank also goes to the non-TPC reviewers, student volunteers, and members of the local organization team who are the key elements making ICPCA8/SWS5 a successful event.

Finally, we thank most of all the authors of the submitted papers for their contributions.

November 2013

Maria Vargas-Vera
Qiaohong Zu
Bo Hu

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