

Preface

This year marks an important milestone for the Joint Conference on Pervasive Computing and Web Society. It witnesses the launch of the new Human Centered Computing (HCC) series that consolidates and further develops the successful ICPCA/SWS conferences. HCC, continuing the ICPCA/SWS's foci on pervasive computing and its societal influences, sets the vision of a human centric intelligent society and serves as a platform for exchanging innovative concepts and fostering collaborations. The first HCC event was held in Phnom Penh, Cambodia during November 27–29, 2014.

In the past years, technological advances have expanded our reach and deepened our information and knowledge gains – super fast communication networks, omnipresent smart devices, and high throughput and computation-efficient algorithms have fundamentally changed the way humans live, work, and entertain. One of the most profound breakthroughs is the combination of so-called 5G technologies and Big Data analytics, which has broached a new frontier of innovation, fulfilling the vision of delivering the *right data* at the *right time*. In this context, the proceedings present research papers investigating into a variety of aspects toward human centric intelligent societies. The papers are organized in the following four categories: infrastructure & devices, service & solution, data & knowledge, and community.

Submission and Review Process

HCC 2014 received 152 full paper submissions. Before the review process, all the papers were checked for plagiarism. Every submitted paper went through a rigorous review process. Each paper was peer-reviewed by at least two members of the Program Committees and/or selected additional reviewers. While the decisions were made outright for many submissions, around 10 % of submissions were subject to author rebuttal and a second round “meta-review” due to the presence of disagreement from the initial review. Based on these comments and recommendations, the Program Committee Co-chairs made acceptance decisions and classified the accepted papers into two categories:

Full papers: Fifty four papers passed the most stringent selection and were selected for oral presentation.

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

Acknowledgments

It has been another year of hard-working and selfless contribution. As the Conference Organizing Committee, we have many people to thank. We are grateful to all the members of the Technical Program Committee. 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 thanks also go to the non-TPC reviewers, student volunteers, and Dr. Rapid Sun and other members of the local organization team who were the key elements that made HCC 2014 a successful event. We are also grateful to the Springer editorial staff for their hard work on publishing the conference proceedings in the LNCS series.

Finally, we thank, most of all, the authors of the submitted papers; we do appreciate and sincerely thank you for your contributions.

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Papers

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