

# Preface

The international conference on Ambient Intelligence for Health (AmiHEALTH) has become established as the premier academic and research conference in ubiquitous computing, ubiquitous communication, and natural interfaces applied to the health knowledge field. Since ambient intelligence (AmI) promotes environments surrounded by intelligent interfaces embedded into everyday objects to support human activities and achieve a better quality of life, it is crucial to still maintain a holistic view: AmI focuses on users, beyond the technology. In these terms, health issues are one of the main challenges to improving the quality of life and the AmiHEALTH conference covers specifically this core topic.

This year we celebrated the first edition of AmiHEALTH as a joint event with the 9th International Conference on Ubiquitous Computing and Ambient Intelligence (UCAmI 2015) and the 7th International Work-Conference on Ambient Assisted Living (IWAAL 2015) held in Puerto Varas, Chile. In order to increase the visibility of the contributions to AmiHEALTH, selected papers were invited to be published as extended versions in the journals: *Biomedical Informatics*, *Sensors*, *Journal of Medical Systems*, and *Health Informatics*. As such we would like to thank the distinguished editors of these journals for providing us with this opportunity.

The program of this event covered a variety of topics, including infrastructures and technologies to implement health environments, applied algorithms in e-Health systems, metrics for health systems, interactions with health environments, and applied case studies. This year's event included keynotes from internationally recognized researchers in their fields: Dr. Julita Vassileva from the University of Saskatchewan (Canada) gave a talk entitled "Towards the Personalized Persuasive Technologies for Behavior Change" and Dr. Chris Nugent from Ulster University (Northern Ireland, UK) spoke on "Design, Development, and Evaluation of Mobile Reminding Technologies." We would like to thank our distinguished keynote speakers for their participation and contribution to this joint event.

In this first edition of AmiHEALTH, we received a notable response from researchers who submitted their contributions for consideration to AmiHEALTH. We received 33 submissions involving 139 authors from 14 different countries. Following the review process we had an acceptance rate for long papers of 61 %. A total of 87 reviews were undertaken by 39 reviewers from 18 countries. We would like to thank all the authors who submitted their work for consideration and also the reviewers for providing their detailed and constructive reviews.

Finally, we would like to express our deepest thanks to our colleagues for assisting in organizing this event, particularly Professor Sergio Ochoa from the University of Chile. We would also like to thank all the Program Committee members for their time and contributions.

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