Puerto Varas, Chile 1-4 Dec 2015

UCAmI * IWAAL * AmIHEALTH

9th International Conference on
Ubiquitous Computing & Ambient Intelligence

7th International conference on
Ambient Assisted Living

1st International Conference on
Ambient Intelligence for Health

Workshop on Ambient Intelligence for Urban Areas (AmIUA)

This workshop is organized as part of the UCAmI/IWAAL/AmIHEALTH 2015 (December 1-4, 2015):

Paper Submission

Workshop Goals: Urban services, such as vehicular traffic, personal security for citizens, or tourism support, have been recently enhanced by digital networks and mobile technology. Using sensing capabilities (e.g. geo-referencing, movement detection or capture of audio/video) and distributed information processing, it is possible to provide ambient intelligence in urban areas to reach particular goals, for instance, to determine fastest routes for traffic participants based on data exchange between their mobile computer devices. Thus, citizens become active participants in the design and deployment of solutions for urban problems addressing the needs of residents and visitors of particular areas. This workshop provides a discussion space, in which researchers, students, technology experts and practitioners can contribute to the design, assessment, development, and deployment of ambient intelligent solutions applied in the urban domain. The workshop will act as a forum to validate recent results and on-going research, in particularly addressing young researchers.

Topics of Interest

- Ambient Intelligence for Urban Areas

- Context-Aware Computing for Urban Areas

- Participatory and Crowd Sensing

- Crowd Computing and Cooperative Systems

- Ambient Intelligent Systems to Support Urban Services

- Middleware and Infrastructures to Implement Urban Ambient Intelligence

- Positioning Methods and Georeferencing Processes

- Mobile Computing and Urban Applications

- Scientific Computation Methods for Ambient Intelligence in Urban Areas

- Human Computer Interaction for Ambient Intelligence in Urban Areas

- Ubiquitous Computing in Urban Areas

- Modeling Methods for Ambient Intelligent Systems in Urban Areas

- Cooperative Systems in Ambient Intelligent Systems in Urban Areas

- Interactive Systems and User Interfaces for Ambient Intelligent Systems in Urban Areas

- Formal Modeling Methods, Validation and Verification

- Health, Leisure and Private Services in Urban Areas

- Literature Reviews and Case Studies

Important Dates

- Paper Submission: August 30th **(extended)**, 2015

- Camera-ready version: September 15h, 2015

- Workshop dates: December 1th, 2015

Paper Submission

We invite researchers to submit high quality contributions describing significant, original and unpublished results in the following categories:

Long papers: Intended to allow presentation of academic research results of high quality. Submissions must contain an original contribution and may not have already been published in another forum, nor be subject to review for other conferences or publications. Contributions should include unpublished results of research, case studies or experiences that provide new evidence about the research or application regarding to the main topics. Articles accepted in this category will be published in the proceedings of the event. **Long papers must not exceed 12 pages (including figures and appendices).**

Short papers: Intended to allow presentation of ongoing studies with partial (however, significant) results. Submissions must contain an original contribution and may not have already been published in another forum, nor be subject to review for other conferences or publications. Articles accepted in this category will be published in the proceedings of the event. **Short papers must not exceed 6 pages (including figures and appendices).**

All papers should be written in English.

Submission Procedure

All submissions should be made by EasyChair platform and must follow the LNCS Formatting Guidelines. Details of the paper submission process will be announced soon through the website of the conference:

http://mami.uclm.es/ucami-iwaal-amihealth-2015/workshop-amiua.html

You can submit your paper through the following:

https://www.easychair.org/conferences/?conf=ucamiiwaal2015

At least one of the authors of an accepted paper has to be registered and attend the workshop for presentation of the work such that the paper can appear in the UCAmI - IWAAL - AmIHEALTH post-proceedings volume, which will be published by Springer in its LNCS series.

Workshop Proceedings

The accepted papers will be included in the UCAmI - IWAAL - AmIHEALTH post-proceedings volume, which will be published by Springer in its LNCS series.

http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0

Selected papers would be invited to be extended and submitted for review to Journal Special Issues.

PC Chairs

Benjamin Weyers, RWTH Aachen University, Germany

Nelson Baloian, University of Chile, Chile

Wolfram Luther, University of Duisburg-Essen, Germany

Sergio Ochoa, University of Chile, Chile

Program Committee:

Nelson Baloian, University of Chile, Chile

Daniel Biella, University of Duisburg-Essen, Germany

Antonio Fernandez Caballero, Universidad de Castilla-La Mancha, Spain

Anna Kötteritzsch, Universität der Bundeswehr, Germany

Wolfram Luther, University of Duisburg-Essen, Germany

Sergio Ochoa, University of Chile, Chile

José Pino, University of Chile, Chile

Daniel Sacher, University of Duisburg-Essen, Germany

Benjamin Weyers, RWTH Aachen University, Germany