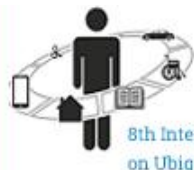2014 TWENTY FOURTEEN

UCAmI
8th International Conference
on Ubiquitous Computing & Ambient Intelligence

IWAAL
6th International Workconference on Ambient
Assisted Living

Workshop on User- and Ambient-Adaptive Gerontechnologies (WAGER)

Belfast, Northern Ireland, December 2, 2014

This workshop is organized as part of the UCAmI/IWAAL 2014 (December 2-5, 2014):
http://scm.ulster.ac.uk/~scmresearch/SERG/ucamiiwaal2014/index.html

Workshop Goals: Gerontechnology is an interdisciplinary field combining gerontology and technology. Sustainability of an ageing society depends upon our effectiveness in creating technological environments, including assistive technology and inclusive design, for innovative and independent living and social participation of older adults in good health, comfort and safety. Gerontechnology aims at matching technological environments to health, housing, mobility, communication, leisure and work of the elderly.

A framework for gerontechnology may be seen as a matrix of domains of human activity: health and self-esteem, housing and activities of daily living, communication and governance, mobility and transport, work and leisure, and technology interventions (enhancement and satisfaction, prevention and engagement, compensation and assistance, care and care organisation).

The term adaptation is inherently linked to Ambient Intelligence, as it refers to a process in which a system adapts its behaviour based on information acquired about its users and its environment. This workshop aims at bringing together current and future gerontechnologies with a special focus on adaptation capabilities.

Topics of Interest:

- Telehealth and telemedicine services
- Communication devices for the senior
- Social networks for the elderly
- Lifelong learning for mental health
- Mobility and rehabilitation technologies
- Assistive technologies and devices
- Medication / nutrition control services
- Household accident detection
- Emotion / affect / mood recognition and regulation
- Personalised ambient adaptation
- Social / care robots and agents
- Entertainment technologies for the older adult

- Fitness and sports for the senior

Important Dates:

Paper Submission: June 30th, 2014
Notification of acceptance: August 20th, 2014
Camera-ready version: September 12th, 2014
Conference dates: December 2nd-5th, 2014

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 8 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 4 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://serg.ulster.ac.uk/ucamiiwaal2014/.

You can submit your paper through the following:
https://www.easychair.org/conferences/?conf=ucamiiwaal2014.

Workshop Proceedings:

The accepted papers will be included in a particular section of the UCAmI/IWAAL Proceedings, which will be published by Springer in its LNCS series. Therefore, the papers must adhere to such a format: http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0.

Selected papers will be invited to be extended and submitted for review to to a Special Issue in Cognitive Computation journal (http://www.dsi.uclm.es/personal/ElenaNavarro/research_special%20issue_Cognitive%20Computation.html).

PC Chairs:

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Program Committee:

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