

Call for Papers

2nd International workshop on Pervasive Technologies for the support of Alzheimer's Disease and Related Disorders Sufferers

(In conjunction with the 1st International Conference on Pervasive Technologies Related to Assistive Environments)

July 15-19 2008, Athens, Greece

Conference Website: <http://www.petrae.org/>)

Workshop Website: www.mucom.mobi/AlzWorkshop08

Aim and Scope

Caring in a patient's home environment is proven to be both cost-effective for healthcare schemes and beneficial to patients. It has been shown that patients who receive treatment in the familiar environment of their home and around relatives have a better chance of shorter recuperation.

Specific patient categories may benefit from care in the home environment as their condition is such that may allow them to conduct a normal lifestyle if proper support is provided. One of these categories is Alzheimer's disease sufferers, where the role of family carers has also become more prominent, as care in the familiar surroundings of home may delay onset of some symptoms and delay or eliminate the need for more professional and costly levels of care.

Technologists working in the area of pervasive healthcare are often unaware of issues that are common knowledge amongst medical professionals and healthcare practitioners, and are thus unable to provide solutions that address real problems. Conversely, the medical world is often unaware of recent technological developments and is as such, unable to request or recommend solutions that might provide helpful interventions in the lives of patients.

This workshop aims to bring together the technical expertise of the technologists and the real-world issues, problems and practices as experienced by medical professionals. The workshop's objective is to spark a dialogue amongst professionals across disciplines by establishing common bases and language, highlighting good practice and recent advances in technical and medical research. In particular, the workshop aims to examine the degree to which IT and Pervasive Healthcare technologies may aid Alzheimer's disease sufferers to become more self-sufficient in the early stages of the disease. It is also the aim of the workshop to examine how the use of such technologies may assist professionals and families assisting patients in the later stages of the disease, where constant monitoring and supervision is critical.

We invite contributions (both theoretical and technical) in the following thematic areas:

- Intelligent systems for the self-support of the elderly, personal medical assistants
- Autonomous systems for monitoring the clinical condition of the elderly
- Intelligent medical environments

- Sensor networks in medical applications
- Smart medical appliances
- Human Computer Interaction for the elderly
- Human Computer Interaction for medical professionals

Important Dates:

Full Paper Submission deadline: 30 March 2008

Notifications of Acceptance: 30 April 2008

Camera-ready Workshop papers: 20 May 2008

Workshop Date (exact date is not fixed yet but will be between 15 and 19 July)

Workshop Proceedings

ACM will be the publisher of the proceedings of the PETRA conference workshops. Authors should use the ACM Word or LaTeX style templates to prepare their articles, available from <http://www.acm.org/sigs/pubs/proceed/template.html>. Authors should apply ACM Computing Classification categories and terms. The Classification Scheme can be found at: <http://www.acm.org/class/1998/>

Submitted papers should be up to 8 pages. Papers may be accepted either as full papers (8 pages) or short papers (4 pages).

Submission Instructions

Details will follow shortly in a 2nd CFP

Venue and Accommodation

The conference hotel is the DIVANI CARAVEL HOTEL in Athens. For more information, please visit its official website at <http://www.divanis.com/> or the conference main web site <http://www.petrae.org/venue.htm>

Workshop Registration

Early registration: April 15, 2008 150 €/day*

*Or 100 €/day upon main conference registration

NSF TRAVEL FELLOWSHIP OPPORTUNITIES FOR STUDENTS

Pending approval of funds, we invite graduate students enrolled in US institutions to apply for travel scholarships to attend PETRA'08. Students will need to be first authors of the paper and have their paper accepted by the conference

Keynote Speakers:

To be announced soon

Program Committee Members:

Lynne Baillie, Glasgow Caledonian University, UK/ .FTW, AUSTRIA

Peter Barrie, Glasgow Caledonian University, UK,

Jayne Brown, Glasgow Caledonian University, UK,

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