



Affect and Behaviour Related Assistance in Support for the Elderly

13 June 2009, Corfu, Greece

Workshop in the frame of the
2nd International Conference on Pervasive Technologies Related to
Assistive Environments – PETRA

[http://image.ntua.gr/
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www.petrae.org/

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Workshop Theme

This workshop is dedicated to affective and assistive technologies to support elderly and other people in need for assistance in their daily activities and social needs.

Comprehensive assistance is more than timely reminders and understandable task lists. Appropriate assistance particularly for elder people needs to take into account affective and emotional as well as social aspects. The need for inclusiveness and independent self-managed life in the home environment requires novel techniques for both, detection of situations in which assistance is needed, and for the assistance itself. Technologically, it requires specific interaction methods, suitable presentation of information, adequate sensing techniques and appropriately communicative and assistive devices.

This workshop wants to provide a platform for researchers and product developers alike to exchange and propose new ideas, discuss novel technologies and approaches, and not least to show latest developments and project results.

Call for Papers

We particularly solicit contributions on the following subjects:

- ❖ non-obtrusive activity monitoring
- ❖ non-obtrusive technologies for fall-detection
- ❖ non-obtrusive observation of persons in their home environment for affect-related signs
- ❖ mobile sensing of affect-related parameters
- ❖ multi-modal analysis of affective and behavioral data
- ❖ mobile assistance in daily activities, for health care and therapeutic support
- ❖ assistive robots in the home and health context
- ❖ affective human-technology interaction
- ❖ novel interaction methods tailored to the elderly
- ❖ studies on elderly and their attitudes to and interaction with technology

Submission

Submissions should be in ACM style format and will be accepted as either full paper (8 pages) or short paper (4 pages). For Latex and MS Word templates please go to <http://www.acm.org/signs/pubs/proceed/template.html>

Submissions are to be done through the workshop's submissions page:

<http://www.petrae.org/abrasubmission.html>

For any questions please contact the workshop chairs.

Important Dates

Paper Submission Deadline: March 01, 2009

Paper Acceptance Notification: March 15, 2009

Camera Ready Paper Deadline: March 31, 2009

Proceedings Information

Accepted papers will be presented at the workshop and published in the Proceedings of the PETRA 2009 Conference. ACM will be the publisher of these proceedings, which will be a volume in the ACM International Conference Proceedings Series in the ACM Digital Library.