



Affect and Behaviour Related Assistance 5th International Workshop

Workshop in the frame of the
5th International Conference on Pervasive Technologies Related to
Assistive Environments – PETRAe
06-08 June 2012, Crete, Greece

[http://image.ntua.gr/
events/abra2012/](http://image.ntua.gr/events/abra2012/)

www.petrae.org/

Workshop Chairs

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Workshop Theme

The fifth workshop of this kind will continue the interesting debate of ideas and solutions for supporting people in their daily environment with technologies respecting and taking into account cognitive, emotional, and behavioral aspects of the person.

Reaching further, we want to expand the discussion from mainly home-based support systems to business applications and mobile solutions, opening many more possibilities for support and assistance of people in their daily life.

Persons in need of such assistance technologies are not only elderly people, but also or maybe even more those persons who need to balance work, family, and care for elderly relatives.

To provide assistance that really supports a person in a specific situation and context requires novel techniques for detecting situations in which assistance or attention is needed. Information need to be collected from many different sources like sensors or the Internet. Fusion and integration techniques as well as reasoning and visualization technologies for this new blend of data are required to allow for comprehensive solutions.

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 monitoring and analysis of activity, well-being, mental state
- ❖ Ambient/mobile assistance in private life, for health care and therapy
- ❖ Ambient/mobile assistance for business processes and documentation
- ❖ Inclusion of social networking aspects
- ❖ Serious games for affect and behaviour related assistance
- ❖ Methods for visualizing activity and mental states
- ❖ Assistive robots in the home and health context
- ❖ 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/publications/proceedings-templates>

Please refer also to the conference web site for latest announcements.

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: 01 March, 2012
Paper Acceptance Notification: 15 March, 2012
Camera Ready Paper Deadline: 10 April, 2012
Workshop: 1 day of 06-08 June 2012, t.b.a.

Proceedings Information

Accepted papers will be presented at the workshop and published in the Proceedings of the PETRA 2011 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. Extended versions of selected papers from this and previous ABRA workshops will be invited to a special issue of the Springer Journal on Multimodal User Interfaces JMUI.