

# Workshop on Auditory Displays for Mobile Context-Aware Systems

at Pervasive 2005, 3rd International Conference on Pervasive Computing

## CALL FOR PAPERS

workshop website: <http://www.richardetter.net/auditorydisplay/>

Workshop: 11th of May 2005

Submission Deadline: 28th of February 2005

We invite researchers from academia and industry to discuss the possibilities of auditory displays in mobile context-aware systems in a full-day workshop at the Pervasive 2005 conference.

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### II. PROGRAM COMMITTEE

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### III. TOPIC

Mobile contexts are a challenge for context-aware systems. In contrast to fixed indoor contexts, the mobile context is less predictable and more dynamic. Systems that understand the context of a mobile user and his environment and adapt to it are a great benefit for the user. Especially in a mobile context auditory displays provide a variety of possibilities.

According to the current context a mobile system can:

- use different types of auditory displays, such as mobile device speakers, personal headphones, ambient displays in rooms or public places,
- use a variety of mapping between tonal parameters and contextual parameters for audification,
- support different modes of communication from direct communication to providing awareness information.

The goal of the workshop is to address the potential of auditory displays for mobile context-aware systems. The workshop discusses different inference-models that adapt the usage of auditory displays and the type of information displayed according to the mobile context.

### IV. FORMAT

In this full-day workshop works from the background of the auditory display community and the ubiquitous and pervasive computing research will be presented. Participants will be selected based on their submission. Authors of accepted papers are invited to give a 30 minute talk. A moderated discussion on integrating audio displays for mobile context-aware systems will follow.

### V. CALL FOR PAPERS

Submissions must be in Adobe PDF format and conform to the Springer-Verlag LNCS style. We solicit papers of up to 10 pages (full) but explicitly welcome shorter papers of up to 4 pages (short) for presentation of pointed results. All paper submissions will be treated as full papers but it is important that their length is appropriate for their content.

Paper submissions have to be anonymized to facilitate double blind review. Authors should take care throughout their paper that their and their institutions identity is not revealed. However relevant references to an authors previous research should not be suppressed as they may be required for reviewers to understand and evaluate the papers contribution. Accepted papers will be published in the workshop proceedings. Please submit your electronic via the online conference system at <http://www.richardetter.net/auditorydisplay/>