

Call for Papers

The Third International Workshop on: "HCI in Mobile Guides"

September 13th 2004, in adjunction to mobileHCI '04, in Glasgow

This third workshop in this series of workshop's once again aims to bring together both researchers and practitioners who develop and evaluate mobile guides, i.e. systems designed to guide a user who is moving in a physical environment by giving directions and supplying relevant information and access to services via some form of mobile device. Application examples of mobile guides include: mobile tourism services, museum/exhibition guides, support for building communities and context-aware directory services. The particular focus of this workshop is on HCI issues relating to the design and practical use of mobile guides through actual deployment and evaluation. Following review by the program committee, accepted papers will be presented and discussed at the workshop.

For details of this and previous workshops in the series see: www.mguide.info

Today's mobile user demands easy access to relevant information services from a variety of devices (both personal and situated/public), whenever and wherever they need them. Example applications for mobile guides include: mobile tourism services, indoor and outdoor museum/exhibition/event guides and context-aware directory services. Although the latest mobile devices and information services offer new and enhanced ways to support nomadic users, they also raise challenges concerning interaction modalities, usability, accessibility and trustworthiness.

Topics relevant for this workshop include (in no particular order)

- Accessibility for particular groups, e.g. older users, visually impaired etc.
- Suitability of different interaction metaphors, e.g. anthropomorphic approaches that cope with the limitations imposed by mobile devices.
- Visualization of the spatial environment, Augmented Reality. 2D/3D maps etc.
- Implications for adaptive behaviour, e.g. location awareness.
- Handling and conveying dynamic information, e.g. changes to available services.
- Leisure/entertainment use (e.g. by games on treasure hunts or to support spontaneous social gatherings).
- Techniques to facilitate access to heterogeneous and/or distributed services.
- Support for both traditional and social navigation, e.g. supporting anonymous recommendations etc.
- Personalization of services, e.g. use of user modelling techniques.
- Techniques for and experience of user evaluation of mobile guides.
- Novel infrastructures, such as agent-based technology, and their implications for interaction.

- Fault tolerance, trustworthiness, and security.
- Approaches to (and results of) requirements capture for mobile guides.
- Information retrieval and display whilst faced with changing infrastructure conditions.
- Design solutions for “baby interfaces”, i.e, small buttons, small screens and small interaction devices (tiny joysticks and tiny pens).
- Introducing the services to use; out-of-box experience.
- Issues arising from the opportunities and challenges provided by multimodal user interfaces.
- Designing for the wild: new and innovative methods that explore the design of mobile guides in the wild.

This workshop aims to bring together experts who develop or evaluate mobile guides and wish to share and discuss their experiences in this workshop. Aspects of human-computer interaction are to be addressed explicitly, empirical studies are especially welcome. The workshop is open to a limited number of 30 participants, including those who present their paper, to allow a focused discussion of issues and ideas.

Please note that participants need to register for the whole MobileHCI'04 conference. For registration details and fee see:

<http://www.cis.strath.ac.uk/~mdd/mobilehci04/registration.php>.

Important Dates and Submission Instructions

4 June: deadline for submissions
 5 July: author's notification of acceptance
 20 July: camera ready paper due

Submitted papers should be of length 4-6 pages, A4, formatted according to the ACM SIG style. You can download templates and instructions from <http://www.acm.org/sigs/pubs/proceed/template.html>. Submissions should be in PDF format (preferably) or Microsoft Word (any version, no macros), and sent as email attachment to the workshop organisers. The submitter of this email will be considered the corresponding author, whom we assume to act on behalf of and authorized by her or his co-authors.

Workshop Organisers

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Programme Committee

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