

## Call for Papers

### Workshop on Multi-User and Ubiquitous User Interfaces (MU3I '07) at IUI 2007: Conference on Intelligent User Interfaces

Andreas Butz (University of Munich)  
Christian Kray (Newcastle University)  
Tara Matthews (University of California at Berkeley)  
Stacey Scott (Massachusetts Institute of Technology)

#### Important Dates:

**November 13, 2006:** Workshop paper submission due.

**December 4, 2006:** Notification of acceptance.

**January 28, 2007:** Workshop date.

**January 29-31, 2007:** Main IUI 2007 conference.

**Website:** <http://www.mu3i.org>

The Ubiquitous Computing paradigm has the potential of significantly changing the way in which users interact with computers by providing virtually ubiquitous access to services and applications through a large number of cooperating devices. However, in order to make this vision come true in a usable way, several challenges must be addressed. Supporting multiple users with this technology poses a challenge to several aspects of ubiquitous computing, such as the unpredictability of group setups and task selection when using everyday objects or environments with embedded technology. Even if embedded technologies are integrated with established social protocols, they may challenge these protocols, *e.g.* by introducing new means to seizing control of a shared resource. The workshop aims to be a platform where these issues will be discussed.

The goal of this workshop is to bring people with relevant backgrounds (*e.g.* interface technology and artificial intelligence, CSCW, ubiquitous computing) together to discuss potential approaches for addressing the challenges of developing multi-user and ubiquitous technologies. While we will accept interesting papers relating to any subject relevant to the workshop theme, our selections will reflect our focus on two main goals related to *sharing ubiquitous resources*:

1. identifying the existing task and social practices that can be successfully applied in ubiquitous settings; and
2. investigating how particular aspects of ubiquitous computing (*e.g.* physicality, context awareness, ad hoc groups) impact task and social practices (both in negative and positive ways).

We invite contributions from researchers, practitioners, and students examining these, or related, research topics. Please refer to the workshop webpage for more details on

submitting position papers. The workshop format will include brief presentations from each workshop attendee, brainstorming sessions, and small-group breakout sessions.

Prospective participants should submit position papers of up to two pages length, which outline one or more potential topics/solutions to discuss during the workshop. Papers should be formatted according to the ACM IUI format (see [IUI website](#)). Submissions should be sent to Chris Kray or Andreas Butz no later than November 13, 2006. They should include the name and address of the primary contact and the paper as a PDF file. Notification of acceptance will be mailed to the contact author by December 4, 2006.

All workshop participants will have to register for the main conference (IUI'07) in order to attend MU3I.

**Workshop contact and electronic submission:**

Christian Kray ([c.kray@ncl.ac.uk](mailto:c.kray@ncl.ac.uk))  
Andreas Butz ([butz@ifi.lmu.de](mailto:butz@ifi.lmu.de))