

# UbiSys '03

## System Support for Ubiquitous Computing Workshop at the Fifth Annual Conference on Ubiquitous Computing (*UbiComp 2003*)

This workshop offers the opportunity to bring together researchers and practitioners involved in the development of systems support for general purpose ubiquitous computing environments. It aims at exploring most recent research and findings in this area, comparing results, exchanging experiences, and promoting collaboration and cooperation among researchers in the field. The workshop focuses on the common abstractions and patterns found in the existing systems, as well as the core low-level services that are needed to build general-purpose ubiquitous computing environments. The workshop targets different aspects of system and middleware research and the challenges involved when applying them to support ubiquitous computing.

### Topics

The workshop focuses on presenting state of the art and emerging research, as well as experience reports, in the following topics:

- System support infrastructures and services
- Architectural structure, design decisions and philosophies
- Middleware for ubiquitous computing

### Submission Guidelines

Paper submissions must be 5-8 pages long in **LNCS format** and **have to cover one of the topics listed above**. Furthermore, we will prioritize experience papers describing lessons learnt from built systems, including information about approaches that did and did not work, unexpected results, common abstractions, abstraction mapping among different systems, common building blocks present in different architectures, and metrics for evaluating ubiquitous computing infrastructures.

Submissions must be blinded for peer review (no author names and affiliations and no obvious references). Blinded submissions, in PDF format, must be emailed to [ubisys@cs.uiuc.edu](mailto:ubisys@cs.uiuc.edu) no later than **August 8, 2003**. Please include authors' names and affiliations in the email only. You will receive a confirmation email within 24 hours. If you do not receive a confirmation for your submission, please email [ubisys@cs.uiuc.edu](mailto:ubisys@cs.uiuc.edu).

Submissions will be reviewed blindly and selected based on their originality, merit, and relevance to the workshop. All accepted papers must be presented during the workshop.

Please visit <http://ciae.cs.uiuc.edu/ubisys/> or email [ubisys@cs.uiuc.edu](mailto:ubisys@cs.uiuc.edu) if you have any questions.

### Important Dates

Paper Submission: **August 8, 2003**

Acceptance Notifications: **August 22, 2003**

Workshop Date: **October 12, 2003**

### Program Committee

Roy Campbell, University of Illinois at Urbana-Champaign

Manuel Roman, DoCoMo Labs, USA

Paul Chou, IBM T.J. Watson Research Center

Dennis Mickunas, University of Illinois at Urbana-Champaign

Jalal Al-Muhtadi, University of Illinois at Urbana-Champaign

Armando Fox, Stanford University

Christian Becker, University of Stuttgart, Germany

Adrian Friday, Lancaster University, UK

Christopher Hess, University of Illinois at Urbana-Champaign

Umar Saif, Laboratory for Computer Science, MIT