*Mobi*Sys*2005*

June 6–8, 2005
Seattle, WA

THE THIRD INTERNATIONAL CONFERENCE ON
MOBILE SYSTEMS, APPLICATIONS, AND SERVICES

CALL FOR PAPERS: INTERNATIONAL WORKSHOP ON WIRELESS TRAFFIC MEASUREMENTS AND MODELING (WITMEMO '05)

In conjunction with MobiSys '05, June 5, 2005, Seattle, WA, USA
http://www.usenix.org/events/mobisys05/witmemo05/cfp

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IMPORTANT DATES:

Paper submissions due:	March 17, 2005
Notification of acceptance:	April 18, 2005
Camera-ready final papers due:	May 6, 2005

OVERVIEW: The rapid deployment of wireless infrastructures in various environments triggers new applications and services that in turn generate a richer set of traces for analysis. There is a need for more realistic models of traffic, mobility, and association patterns. This can be beneficial in capacity planning, administration, and deployment of wireless infrastructures, protocol design for wireless applications and services, and their performance analysis.

The Wireless Traffic Measurements and Modeling Workshop is intended to serve as a forum for scientists and engineers in academia and industry to exchange and discuss their experiences and research results about all aspects of measurements and modeling of applications, usage, access, load, and mobility in wireless networks. It will also initiate discussions on how to use these models to improve the performance of wireless networks. Furthermore, it aims in enhancing and accelerating the process of sharing traces, implementations, and test suites.

In this workshop, we would like to solicit short papers (6 pages) that report on experiences obtained from operational wireless experiments in testbeds or the field. We will use the EDAS system for the paper submission. We plan to get industrial sponsorship to support a best paper and presentation award and a keynote speaker. Along with regular presentations we plan to have speakers and/or panel discussions that encourage more active participation of the attendees.

TOPICS: Topics of particular interest include but are not limited to:

- Methods for collecting and analyzing measurements in different wireless environments (infrastructures, sensor networks)
- Workload characterization and traffic analysis
- User mobility modeling
- Software tools in support of measurements
- Measurement-based inference of network properties (for normal or abnormal behavior, network topology, hot spots)
- Design of monitoring systems, sampling methods, and anomaly detection
- Temporal and spatial evolution of wireless networks
- Evaluation of forecasting algorithms for wireless traffic load
- Comparative analysis on different wireless networks
- Techniques for improving the repeatability of tests

SUBMISSION GUIDELINES: Papers should be submitted via EDAS at http://edas.info/Paper.cgi?c=4492. Submissions should be no more than six 8.5"x11" pages, including figures, tables, and references, two-column format, using 10-point type or greater. Please be aware that all submissions should allow for *double-blind reviewing*. This means that the authors will not know the identity of the program committee members and referees who review the paper, nor will the program committee members and referees know the identity of the authors. As an author, please preserve the anonymity of your submission by removing the author names and any possible references that may reveal your identity.

MobiSys and its workshops, like most conferences and journals, require that papers not be submitted simultaneously to any other conference or publication, that submissions not have been published previously, and that accepted papers not be subsequently published elsewhere without acknowledgement of the original publication. Papers accompanied by nondisclosure agreement forms are not acceptable and will be returned to the author(s) unread. All submissions will be held in the highest confidentiality prior to publication in the Proceedings, both as a matter of policy and in accord with the U.S. Copyright Act of 1976.

REGISTRATION MATERIALS: Complete program and registration information for MobiSys '05 and its workshops will be available in March 2005 on the conference Web site, http://www.usenix.org/mobisys05. The information will be in both HTML and a printable PDF file.