

**First International Workshop on Mobile and Ubiquitous Context Aware Systems and Applications
(MUBICA 2007)**

August 6, 2007, Philadelphia, PA, USA

**In conjunction with the 4th Annual Int. Conference on Mobile and Ubiquitous Systems: Computing, Networking and Services
(MobiQuitous 2007)**

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Important Dates

Abstract Submission Deadline: March 27, 2007
Paper Submission Deadline: April 6, 2007
Notification of Acceptance: May 7, 2007
Camera-Ready Submissions: June 5, 2007

The proceedings will be published by IEEE and accepted papers will be available in IEEE Xplore. www.mubica.org

Scope of the Workshop

Geographical mobility has become an essential component of today's workforce. This type of mobility is an effective way of utilizing the finite time duration between any two activities such as the travel time duration between source and destination. This facility requires that the workforce is continuously connected to the global information space from where the desired data can be accessed. This workshop is concerned with the investigation, implementation, and validation of continuous connectivity state, which we define in terms of time and space. Significant amount of research work has been done in this area and industries are continuously enhancing the power of continuous connectivity to serve ever demanding consumers. However, a lot more needs to be done before we can claim that we have accomplished the present version of continuous connectivity state. The present list of mobile gadgets is not only impressive but it also shows us the tempting future of this technology. The workshop aims to bring together researchers from industry and academia to share their achievements. Furthermore, it aims to identify how the workforce is adapting to what is being presented to them. Some of the important topics it plans to cover are location aware computing, location-dependent query processing, management of mobile transactional activities, data caching, wireless data dissemination, mobile web, mobile databases, ubiquitous computing, etc., and the papers (non-proprietary) in these and more related areas will be on the venue of the workshop.

The topics of interest include, but are not limited to, the following.

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| <ul style="list-style-type: none">• Architectures, protocols, and algorithms to cope with mobility, limited bandwidth, limited power and/or intermittent connectivity• Applications and services for mobile users• Context-aware data access and query processing• Data caching, replication and view materialization• Data publication modes: push, broadcast, and multicast• Data server models and architectures | <ul style="list-style-type: none">• Location-based and context-aware services• M-commerce• Mobile agent models and languages• Mobile transaction models and management• Mobile web services• Mobility awareness and adaptability• Mobile services: in transportation, agriculture, industries, etc.• Wireless technologies for ubiquitous computing• Prototype design for mobile data management systems |
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Workshop Registration

Registration for the workshop will be handled through the registration process of Mubiquitous.

Formatting Guidelines

All paper submissions will be handled electronically (see the conference web page for details). Authors should prepare an Adobe Acrobat PDF version of their full paper. Papers must not exceed 8 pages double column (US Letter size, 8.5 x 11 inches) including text, figures and references. The font size must be at least 10 points.

Sponsors

