

CALL FOR PAPERS



MobiDE 2005: Fourth International ACM Workshop on Data Engineering for Wireless and Mobile Access



June 17, 2005, Baltimore, MD
(in conjunction with SIGMOD/PODS 2005)

<http://db.cs.pitt.edu/mobide05>

Important Deadlines:

Mar 17: Papers

Apr 21: Notification

May 05: Camera-ready

Workshop Chairs:

Vijay Kumar

Univ. of Missouri-Kansas City
kumarv@umkc.edu

Arkady Zaslavsky

Monash University, Australia
arkady.zaslavsky@
csse.monash.edu.au

Program Chairs:

Ugur Cetintemel

Brown University
ugur@cs.brown.edu

Alexandros Labrinidis

University of Pittsburgh
labrinid@cs.pitt.edu

Publicity Chair:

Vana Kalogeraki

Univ. of California, Riverside
vana@cs.ucr.edu

Treasurer:

Prem Uppuluri

Univ. of Missouri-Kansas City
uppurip@umkc.edu

This is the fourth of a successful series of workshops that aims to act as a bridge between the data management, wireless networking, and mobile computing communities. The 1st MobiDE workshop took place in Seattle, in August 1999, in conjunction with MobiCom 1999; the 2nd MobiDE workshop took place in Santa Barbara, in May 2001, together with SIGMOD 2001; the 3rd MobiDE workshop took place in San Diego, in September 2003, together with MobiCom 2003.

This year, the workshop will be colocated with the ACM SIGMOD/PODS 2005 conference and be sponsored by ACM SIGMOD (pending final approval from ACM). The current industrial sponsor is ABC Virtual.

The workshop will be organized in a manner that fosters interaction and exchange of ideas among the participants. Besides paper presentations, time will be allocated to open discussion forums, informal discussions or panels. In addition to regular papers, vision or work-in-progress papers that have the potential to stimulate debate on existing solutions or open challenges are especially encouraged. Proposals for panels on newly-emerging or controversial topics are also welcome.

The topics of interest related to mobile and wireless data engineering include, but are not limited to:

- ad-hoc networked databases
- consistency maintenance and management
- 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
- database issues for moving objects: storing, indexing, etc.
- m-commerce
- mobile agent models and languages
- mobile database security
- mobile databases in scientific, medical, and engineering applications
- mobile peer-to-peer applications and services
- mobile transaction models and management
- mobile web services
- mobility awareness and adaptability
- pervasive computing
- prototype design of mobile databases
- Quality of Service for mobile databases
- sensor network databases
- transaction migration, recovery and commit processing
- wireless multimedia systems
- wireless web

