MobiDE
Data Engineering for Wireless and Mobile Access

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Call for Papers

2nd ACM International Workshop on Data Engineering for Wireless and Mobile Access (MobiDE01)
May 20, 2001
in Santa Barbara, California, USA
**In conjunction with SIGMOD/PODS '01
Sponsored by ACM SIGMOBILE* and ACM SIGMOD***
http://www.cs.umbc.edu/mobide/
*pending

AIMS & TOPICS OF INTERESTS:
This is the second of a series of workshops that aim to act as a bridge between the data management and the mobile computing communities. The 1st MobiDE workshop took place in Seattle, Aug. 1999, in conjunction with MobiCom 1999. The workshop will serve as a forum for researchers and technologists to discuss the state-of-the-art, present their contributions, and set future directions in data management for mobile and wireless access. The topics of interest include but are not limited to:

- pervasive computing
- sensor databases and networks
- data caching, replication and view materialization
- consistency maintenance, inconsistency management and availability
- transaction migration, recovery and commit processing
- mobile transaction models and management
- mobile agent models and languages
- wireless multimedia systems
- mobility awareness and adaptability
- data publication modes: push, broadcast and multicast
- location dependent data access and queries
- disconnected operation and weak connectivity
- data server models and architectures
- database issues for moving objects: storing, indexing
- Quality of Service for mobile databases
- mobile access to new form of data and web
- prototype design of mobile databases
- ad-hoc networked databases
- mobile e-commerce

The workshop will be organized in a manner designed to foster interaction and exchange of ideas among the participants. Besides paper presentations, time will be allocated to open discussion forums, informal discussions and panels. In addition to regular papers, vision or work-in-progress papers are also invited to stimulate debates on open problems and challenges. Proposals for panels are also solicited. Panel topics on emerging or even provocative topics that will generate lively discussions are especially welcome.

IMPORTANT DATES:
- Paper Submissions: March 5, 2001
- Notification of acceptance: April 2, 2001
- Camera-ready version due: April 18, 2001

SUBMISSIONS AND PROCEEDINGS:
The workshop proceedings will be published by ACM.