CALL FOR PAPERS

MobiDE 2003: Third International ACM Workshop on Data Engineering for Wireless and Mobile Access

September 19, 2003, San Diego, California
(in conjunction with MobiCom 2003)

http://db.cs.pitt.edu/mobide03

Important Dates:

May 16: Abstracts

May 23: Papers/panels

July 18: Notification

Aug 01: Camera-ready

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This is the third 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, Aug. 1999, in conjunction with MobiCom 1999. The 2nd MobiDE workshop took place in Santa Barbara, May 2001 together with SIGMOD 2001. 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.

This year, the workshop is sponsored by ACM SIGMOBILE and is held in-cooperation with ACM SIGMOD. The current industrial sponsor is ABC Virtual.

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.

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 services
• prototype design of mobile databases
• ad-hoc networked databases
• mobile e-commerce
• mobile peer-to-peer services