



CALL FOR PAPERS



MobiDE 2007: Sixth International ACM Workshop on Data Engineering for Wireless and Mobile Access

June 10, 2007, Beijing, China
(in conjunction with SIGMOD/PODS 2007)



<http://www.cse.psu.edu/mobide07>

Important Dates:

March 19: Abstracts
March 26: Papers
April 21: Notification
May 04: Camera ready
(all deadlines are midnight PDT)

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MobiDE'07 is the sixth in a series of successful workshops that aim to bring together the data management, wireless networking, and mobile computing communities.

The first MobiDE workshop took place in Seattle (August 1999), in conjunction with MobiCom 1999; the 2nd MobiDE workshop took place in Santa Barbara (May 2001), together with SIGMOD 2001; the 3rd MobiDE workshop took place in San Diego (September 2003), together with MobiCom 2003; the 4th MobiDE workshop was held in Baltimore (June 2005), in conjunction with SIGMOD 2005; and the 5th MobiDE workshop was held in Chicago (June 2006), in conjunction with SIGMOD 2006. This year, the workshop will be co-located with SIGMOD/PODS 2007. MobiDE'07 is sponsored by ACM SIGMOD.

The specific focus of MobiDE'07 is on novel mobile applications and services including games, entertainment, and infotainment.

As in the past, the workshop will be organized in a manner that fosters interaction and exchange of ideas among the participants. In addition to paper presentations, time will be allocated for open discussion forums, informal discussions or panels.

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

- * 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 sensor networks
- * 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 data management
- * transaction migration, recovery, and commit processing
- * wireless multimedia systems
- * wireless web