



## CALL FOR PAPERS

### MobiDE 2010: 9th International ACM Workshop on Data Engineering for Wireless and Mobile Access

June 6, 2010, Indianapolis, IN, USA  
(in conjunction with SIGMOD/PODS 2010)  
<http://www.softnet.tuc.gr/mobide10/>



In cooperation with



#### Important Dates:

April 7: Papers/Demo  
April 26: Notification  
May 10: Camera Ready

(all deadlines are midnight EST)

#### General Chairs:

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#### Publicity Chair:

Antonios Deligiannakis  
Technical University of Crete  
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Select papers from **MobiDE 2010** will also be included in a journal special issue.

This is the ninth 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 (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 took place in Baltimore (June 2005), together with SIGMOD 2005; The 5th MobiDE workshop took place in Chicago (June 2006) together with SIGMOD 2006; the 6th MobiDE workshop took place in Beijing, China (June 2007) together with SIGMOD 2007; the 7th MobiDE workshop took place in Vancouver, Canada together with SIGMOD 2008; Last year's event (the 8th MobiDE workshop) took place in Providence, Rhode Island, USA, together with SIGMOD 2009. Since 2005, the event is collocated with SIGMOD. MobiDE 2009 marked the 10-year anniversary of the workshop.

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.
- \* energy-efficient techniques for mobile data management
- \* m-commerce
- \* mobile access and sensing with smart phones
- \* mobile agent models and languages
- \* mobile data management in the cloud
- \* mobile database privacy and security
- \* mobile databases in scientific, medical, and engineering applications
- \* mobile peer-to-peer applications and services
- \* mobile sensor network databases
- \* mobile transaction models and management
- \* mobile web services
- \* mobile workflow management
- \* mobility-aware data mining and warehousing
- \* mobility awareness and adaptability
- \* pervasive computing
- \* prototype design of mobile databases
- \* quality of service for mobile databases
- \* static sensor network databases
- \* transaction migration, recovery and commit processing
- \* wireless multimedia systems
- \* wireless web

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 especially welcome.

### **SUBMISSION INSTRUCTIONS AND PROCEEDINGS**

The workshop proceedings will be published by ACM. Electronic versions of the papers will be included in the ACM DL and DiSC'09. [Select papers from MobiDE 2010 will also be included in a journal special issue.](#) All of the submissions will be handled electronically. Each paper will be reviewed by at least three members of the program committee. Detailed submission information will be posted on the web site of the workshop (<http://www.softnet.tuc.gr/mobide10>). Full research papers should be formatted in the ACM proceedings format and be at most 8 double-columned pages in 9pt font.

### **ORGANIZING COMMITTEE**

#### **Workshop Co-Chairs:**

Phillip B. Gibbons	Intel Labs Pittsburgh
Demetris Zeinalipour	University of Cyprus, Cyprus

#### **Program Co-Chairs:**

Hui Lei	IBM T.J. Watson Research
Suman Nath	Microsoft Research Redmond

#### **Publicity Chair:**

Antonios Deligiannakis	Technical University of Crete, Greece
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Pedro Jose Marron	University of Duisburg-Essen and Fraunhofer IAIS, Germany
George Samaras	University of Cyprus, Cyprus
Demetris Zeinalipour	University of Cyprus, Cyprus

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