

Call for Papers
International Workshop on Databases for Mobile Communications System
March 8-11, 2006, Dubai UAE

In conjunction with The 4th ACS/IEEE International Conference on Computer Systems and Applications (AICCSA-06)

Aims and Scope

Together with portable computing wireless communication technologies have become very popular. As the mobile system technology matures further, more people will become mobile users communicating with one another and accessing various information resources using portable computers, personal digital assistants, wireless radio and cellular equipment. In business environments, the ability to access critical data regardless of location is even more crucial because corporate data must be available to applications running on mobile workstations. The focus of this workshop is on mobility issues in databases and to stimulate interest in this emerging area, expose natural collaboration among the participants, inform the larger research community of the interest and importance of this topic and create a permanent forum for evaluating research activities.

The objective of this workshop is to bring together researchers and practitioners with mobile networking background and database research interests to discuss all aspects of the emerging mobile database paradigm. Both theoretical papers and papers reporting implementation and practical results are solicited. The topics of interest include, but are not limited to:

- Data models for mobile information systems
- Impact of mobility in distributed applications
- Software architectures for mobile database systems
- Wireless communications supporting database applications
- Infrastructure for mobile database research
- Object oriented technologies for mobile computing
- Mobile database management and mobility
- Data transfer performance of mobile communications system
- Operating system support for mobile computing
- Mobile transaction processing
- Management of network & mobile computers heterogeneity
- Mobile database recovery and checkpointing

Workshop Chairs:

Shakil Akhtar, UAE University, UAE
Mudasser F. Wyne, University of Michigan-Flint, USA.

Submission Deadline: August 31st, 2005

Please send your submissions to either s.akhtar@uaeu.ac.ae or mfwyne@umflint.edu in PDF or Word format.