

Call for Paper

The 1st International Workshop on
Data Management in Ubiquitous Computing
(DMUC '07)

MUE2007



April 26-28, 2007, Korean Bible University, Korea

to be held in conjunction with The 2007 International Conference on

Multimedia and Ubiquitous Engineering

<http://www.sersc.org/MUE2007/>

Overview

Ubiquitous Computing at anytime, anyplace, and anywhere is no more a daydream. Due to the advance of information and communication technology, ubiquitous computing is emerging rapidly as a new paradigm. Ubiquitous and pervasive computing creates new challenges for traditional data management systems. It requires not only a new type of applications, but also a different level of scalability, performance, and robustness in data processing. Although considerable research has been conducted, there are still open research challenges in data management for ubiquitous and pervasive computing. This workshop focuses on research contributions related to data management in ubiquitous and pervasive computing.

Topics (included, but are not limited to)

- Data Structure and Storage Management in Ubiquitous Computing
- Data Migration and Integration in Ubiquitous Computing
- Query Processing and Optimization in Ubiquitous Computing
- Data Mining and Knowledge Discovery in Ubiquitous Computing
- XML and Semi-Structured Data Management in Ubiquitous Computing
- Web Service and Information Management in Ubiquitous Computing
- Novel and Advanced Application for Ubiquitous Computing
- Information Retrieval in Ubiquitous Computing
- Spatial or Temporal Data Management
- Data Grid and Peer-to-Peer Systems
- Mobile Data Management
- Data Dissemination and Replication
- Location-based Services
- Context-aware Computing
- Data Stream Processing
- Data Management for Sensor Network
- Embedded Database Systems

General Chair

Prof. Dongseop Kwon. (Myungji University, Korea)

Program Chair

Deok Gyu Lee (ETRI, Korea)

Program Committee (Provisional. More experts are still to be invited)

Alfredo Cuzzocrea (Italy)

Dunlu Peng (China)

Jaroslav Pokorny (Czech Republic)

Mohamed Mokbel (USA)

Rawshan Basha (UAE)

Tore Risch (Sweden)

Xuegang Huang (Denmark)

Claudio Sartori (Italy)

Edward A. Fox (USA)

Kyoung-Gu Woo (Korea)

Moustafa Hammad (Canada)

Sangjun Lee (Korea)

Weining Qian (China)

Xueqing Gong (China)

Dimitrios Katsaros (Greece)

Hyoseop Shin (Korea)

Martin Kersten (Netherlands)

Qing Liu (Australia)

Tomas Skopal (Czech Republic)

Wonik Choi (Korea)

Nicolas Anciaux (France)

Important dates

Paper Submission deadline December 24, 2006

Acceptance notification

January 12, 2007

Camera-ready due January 25, 2007

Conference

April 26-28, 2007

Author Instruction

Authors are invited to submit original papers: they must not substantially duplicate work that any of the authors have published elsewhere or have submitted in parallel to any other conferences that have proceedings. The submission of contributions to IMIS2007 occurs through the MUE2007 [paper submission website](#). Paper must be prepared with PDF. Please use IEEE CS paper format. Submissions must not exceed 6 pages, including tables and figures, with only PDF. Submission of a paper implies that should the paper be accepted, at least one of the authors will register and present the paper in the conference.

Proceedings



All accepted papers will be included in the conference proceeding published by IEEE CS (Our proceedings will be included in EI and other index). The proceedings will be available at the conference. At least one author of an accepted paper must register at the conference site and present the paper at the workshop.

Contact

For further information regarding the workshop and paper submission, please contact DMUC'07 Cyber-chair at dmuc07cyberchair@gmail.com