


网络与移动数据管理实验室
Innovative Data Systems Research Lab of Web and Mobile Data Management

[中文版]

Home
Seminars
News
Projects
Publications
People
Resources
Activities
Reports


Introductions

WAMDM means "Web And Mobile Data Management", Which is Professor [Xiaofeng Meng](#)' local mirror's research lab and is affiliated with the [Key Laboratory for Data Engineering and Knowledge Engineering MOE](#) and the [Department of Computer Science, School of Information, Renmin University of China](#).

The research vision in WAMDM is how database techniques would fit into the Web and Mobile computing environments. The research style in our lab is having two tracks - research and system - in order to ensure that the research is actually applied. Innovative data systems research is our goal.





WAMDM Lab has been conducting database related research for many years, and is considered one of the best database groups in the country. It's projects range from the Web Data Management, XML Data Management to Mobile Data Management, focusing on Web data extraction, Deep Web data integration, dataspaces for PIM, native XML Database, ontology data management, road network moving objects management, smart DBMS, Location privacy, outsourced databases security, Flash-based Database, etc..

The site contains information on the projects that are currently in progress and the people in the group. You can also find information on the weekly seminar and annual report. In addition, this site hosts the following webpages:


-  [Database Society of China Computer Federation](#)
-  [FlashDB 2011](#)
-  [NDBC2010](#)
-  [CloudDB2010](#)
-  [MDM2008](#)
-  [WISA2007](#)
-  [ScholarSpace\(C-DBLP\)](#)
-  [OrientX: Native XML Database Management System](#)
-  [NSFC Key Project: Flash-based Database Systems](#)
-  [OrientSpace: Personal DataSpace Management System](#)

WAMDM Lab locates at the First floor, Computer Building, Renmin University.

Hot Events

-  [Annual report 2009 of WAMDM is available!](#)
-  [NDBC2010 Call for Demos: The 27th National Database Conference of China](#)
-  [Mobile & Cloud Computing Seminar Series of WAMDM Lab](#)
-  [NDBC2010 Call for Papers: The 27th National Database Conference of China](#)
- [WAMDM's Undergraduate Design Projects have been published!](#)
- [WAMDM Seminars were updated on November 26th, 2010.!](#)
-  [C-DBLP: Academic Search In China](#)
-  [DBWorld announcement: A Large-scale Dataset for Web Data Extraction.](#)
-  [Cloud Computing and WAMDM \(Chinese\)](#)
- [Updated implementation of OrientX\(V3.0\) is available!](#)

Conferences

- **Host Conferences**
 -  [FlashDB 2011 Call for Papers: The International Workshop on Flash-based Database Systems](#)
 - [CloudDB2010 Call for Papers: Second International Workshop on Cloud Data Management](#)
- **Database Conferences & Journals Call For Papers**
 -  [VLDB2011 Call for Papers: The 37th International Conference on Very Large Data Bases](#)
 -  [SIGMOD2011 Call for Papers: 2011 ACM SIGMOD/PODS Conference](#)

News

- [Dec 10,2010] Prof.Christian S.Jensen from Aarhus University visited our Lab. [\[Detail\]](#)
- [Dec 02,2010] Dr.Jianjiang Xu and Dr.Hao Hu from HKBU visited our Lab. [\[Detail\]](#)
- [Nov 29,2010] Edward Chang from Google visited our Lab. [\[Detail\]](#)
- [Nov 26,2010] Baidu Scientists visited our Lab. [\[Detail\]](#)
- [Nov 19,2010] Prof. Xiaofeng Meng attended Google Education Summit 2010. [\[Detail\]](#)
- [Nov 15,2010] Prof. Xiaofeng Meng gave an invited talk at the 15th CVIC SE Awards Ceremony. [\[Detail\]](#)
- [Nov 02,2010] Lab projects of School of Information was showed at the 2010 CCF CNCC. [\[Detail\]](#)
- [Oct 25,2010] Seminar on Social Computing and Social Science Research was held. [\[Detail\]](#)
- [Oct 18,2010] The 27th National Database Conference of China (NDBC2010) was held in our school. [\[Detail\]](#)
- [Oct 18,2010] The Historical Review of Database Research in China and Memorial of Prof. Sa Shizuan was held in our school. [\[Detail\]](#)
- [Sep 10,2010] Professor Xiaofeng Meng was invited to participate in Microsoft Faculty Summit 2010. [\[Detail\]](#)
- [Jun 30,2010] French researchers visited the Lab of Web and Mobile Data Management. [\[Detail\]](#)
- [Jun 30,2010] Professor Clement Yu(University of Illinois at Chicago) visited our school and gave an invited talk. [\[Detail\]](#)
- [Jun 10,2010] Professor Xiaofeng Meng gave an invited talk at the annual meeting of MOE-IBM University Cooperation Project. [\[Detail\]](#)
- [May 26,2010] Professor Weyi Meng(SUNY Binghamton) visited our school. [\[Detail\]](#)
- [May 25,2010] Professor Xiaofeng Meng gave an invited talk on The Second China Cloud Computing Conferece. [\[Detail\]](#)
- [May 17,2010] Special Section on Trends **Changing Data Management** (Guest Editor: Prof.Xiaofeng Meng and Haisun Wang) was published by Journal of Computer Science and Technology. [\[Detail\]](#)
- [May 8,2010] A seminar on Cloud Computing was held in our lab. [\[Detail\]](#)
- [Apr 28,2010] Springer Publishing Professor Xiaofeng Meng's monograph "Moving Objects Management: Models, Techniques, and Applications". [\[Detail\]](#)
- [Mar 17,2010] Web Opinion Monitoring System was released. [\[Detail\]](#)
- [Mar 16,2010] Our lab is cooperating with Nokia Siemens Networks(NSN). [\[Detail\]](#)
- [Feb 26,2010] We received a funding award about "Cloud-based Database Systems" from IBM Open Collaborative Research (OCR). [\[Detail\]](#) [\[more\]](#)

Recent and Selected Publications

- C. Zhou, X. Meng, Y. Chen. Out-of-Order Durable Event Processing in Integrated Wireless Networks. Accepted for publication in Journal of Pervasive and Mobile Computing. No.PMCD-10-00036R1.
- C. Zhou, X. Meng. The Researches and Challenges of Complex Event Detection in Pervasive Computing. Accepted for publication in Journal of Frontiers of Computer Science and Technology, 2010 4 (12).
- TANG Xian, MENG Xiao-Feng, LIANG Zhi-Chao, LU Ze-Ping: CBLRU: A Cost-based Buffer Management Algorithm for Flash Database Systems. Accepted for publication in Journal of software.
- Wei Liu, Xiaofeng Meng, Weyi Meng: ViDE: A Vision-Based Approach for Deep Web Data Extraction. IEEE Transactions on Knowledge and Data Engineering(TKDE), 22(3): 447-460 (2010).
- Jing Zhao, Xiangmei Hu, Xiaofeng Meng: ESQP: An Efficient SQL Query Processing for Cloud Data Management. In proceedings of the CIKM Workshop on Cloud Data Management (CloudDB2010): 1-8, October 30, 2010, Toronto, Canada.
- Yingjie Shi, Xiaofeng Meng, Jing Zhao, Xiangmei Hu, Bingbing Liu, Haiping Wang: Benchmarking Cloud-based Data Management Systems. In [\[more\]](#)



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