

实验室网站

Introductions

WAMDM means "Web And Mobile Data Management", which is Professor Xiaofeng Meng's local name. It'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 P2P, native XML Database, ontology data management, road network moving objects management, smart DEMS, 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
- MDM 2008
- WISA 2007
- ICDE 2009
- CDBLP

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

Hot Events

- CDBLP Academic Search In China
- DBworld announcement: A Large-scale Dataset for Web Data Extraction
- Seminar Update on December 4, 2008!
- Dr. Qing Luo gave a talk on "Relational Join on Graphics Processor" on July 4.
- Dr. Chengkai Li gave a talk on "Search the Database and Query the Web: Two Sides to the Story" on June 23.
- The Ninth International Conference on Mobile Data Management (MDM2008) was successfully held.
- Dr. Xiaofeng Zhou (ACM, China) gave a talk on "Discovering and Summarizing Email Conversations".
- Hot** **Cloud Computing and WAMDM (Chinese)**
- Hot** **Annual report 2007 of WAMDM (in available)**
- SIGMOD 2008 Workshop, IDAR 2008 Call For Papers
- WAMDM PhD Seminars (Dec. 27, 2007)!
- Updated implementation of OrientX(V3.0) is available!

Conferences

- Hot Conferences**
- Hot** **MDM 2008** The 9th International Conference on Mobile Data Management
- IDAR2007**: SIGMOD2007 Ph.D. Workshop on Innovative Database Research 2007
- WISA2007** 4th Web Information System and Application
- DASFAA 2007 Workshop**: DASFAA 2007 International Workshop on Scalable Web Information Integration and Service
- Database Conferences**
- SIGMOD 2008 Workshop, IDAR 2008 Call For Papers**: Deadline for submission: March 13, 2008
- VLDB 2008 Call For Papers**: Abstract submission deadline: March 7, 2008 (5:00pm GMT), Paper and Demonstration submission deadline: March 14, 2008 (5:00pm GMT)
- SIGMOD 2008 Call For Papers**: Research paper abstracts due: November 9, 2007 3:00 PM Eastern Time, Research and industrial papers, demonstration and tutorial proposals due: November 16, 2007 3:00 PM US Eastern Time
- ICDE 2008** List of accepted papers
- 2007 IEEE 23rd International Conference on Data Engineering (ICDE 2007)**: Paper submission Deadline: July 12, 2006, 11:55 PM Pacific Standard Time, The Mariana Hotel, Istanbul, Turkey
- 33rd International Conference on Very Large Data Bases**: Abstract submission deadline: March 14, 2007 (5:00pm PST), University of Vienna, Austria
- JOS Special Issue on Deep Web Data Integration**

News

- Shaoyi Yin, Philippe Fucheral, Xiaofeng Meng: A Sequential Indexing Scheme for Flash-Based Embedded Systems, accepted by EDBT2009.
- Jingang Zhu, Wei Wang, Junfeng Zhou and Xiaofeng Meng have received the **Sa Shi Yuan Best Paper Award** at NDBE2008 for their paper "Efficient Processing of XML Twig Pattern Based on Related Semantics".
- Huhong Li's papers "Effective XML Keyword Search with Relevance Oriented Ranking" and "Space-Constrained Gram-Based Indexing for Efficient Approximate String Search" were accepted by ICDE2009.
- Xiao Fan, Xiaofeng Meng, Jiankang Xu, Protecting Location Privacy against Location-Dependent Attack in Mobile Services, accepted by CIKM2008.
- Shaoyi Yin, Philippe Fucheral, Xiaofeng Meng, PEFilter: Indexing Flash-Resident Data through Partitioned Summaries, accepted by CIKM2008.
- WAMDM people mourned for quake dead. [detail]
- "Research on Personal Dataspace Management" (by Yidun Li) accepted by Second SIGMOD PhD Workshop on Innovative Database Research (IDAR 2008).
- "Update-efficient Indexing of Moving Objects in Road Networks" (by Jidong Chen and Xiaofeng Meng) has been accepted for publication in Geoinformatics.
- "Continuous Density Queries for Moving Objects" (by Xin Hao, Xiaofeng Meng, Jiankang Xu) has been accepted as a full paper at MobIDE2008.
- The Ninth International Conference on Mobile Data Management (MDM2008) was successfully held. [detail, chinese]
- Min Xie's paper "Providing Freshness Guarantees for Outsourced Databases" was accepted by EDBT2008. Congratulations to authors.
- Updated implementation of OrientX(V3.0) is available. [detail]
- Prof. Xiaofeng Meng and several students attended NDBE2007 between October 21 and October 22. [detail, chinese]
- Prof. Xiaofeng Meng and Min Xie attended VLDB2007 between September 22 and September 28. After the conference, Prof. Meng visited University of Versailles and INRIA. [detail, chinese]
- WAMDM people have one full paper "Integrity Auditing of Outsourced Data" accepted by VLDB2007. Congratulations to authors [detail, chinese]
- Short Course "Database Tuning: Principles and Experiments" given by Prof. Dennis Shasha [program]
- Short Course "Algorithms in Spatial Databases" given by Dr. Donghui Zhang [program]
- Zhongyuan Wang, a senior student of Prof. Xiaofeng Meng, has won a SIGMOD07 Undergraduate Scholarship (May 10, 2007)
- Prof. Xiaofeng Meng gave a lecture about "Web and Mobile Data Management" at Hong Kong Baptist University on April 26, 2007. [detail][photo]

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Recent and Selected Publications

- J. Chen and X. Meng: Update-efficient Indexing of Moving Objects in Road Networks, accepted for publication in Geoinformatics. [EDE]
- X. Hao, X. Meng and J. Xu: Continuous Density Queries for Moving Objects, accepted as a full paper at SIGMOD Mobile2008. [EDE][EFT]
- X. Ma, H. Wang, J. Yin, X. Meng: Providing Freshness Guarantees for Outsourced Databases. In Proceedings of 11th International Conference on Extending Database Technology (EDBT2008), Nantes, France, March 25-30, 2008. (Full paper) [EDE]
- X. Ma, H. Wang, J. Yin, X. Meng: Integrity Auditing of Outsourced Data. In Proceedings of 33th International Conference on Very Large Data Bases (VLDB2007), pages 782-793, Vienna, Austria, September 24-28, 2007. [EDE]
- C. Liu, L. Wang, J. Chen, X. Meng, F. Zetoune: Effective Density Queries for Moving Objects in Road Networks. To appear in Proceedings of APWeb/WAIM'07, Huangshan, China, June 17-19, 2007. (Full paper: 49554#8.84%) [EDE]
- J. Chen and X. Meng: Indexing Future Trajectories of Moving Objects in a Constrained Network. *Journal of Computer Science and Technology*, Vol. 22(2): 245-251, March, 2007. [EDE]
- J. Chen, C. Liu, X. Meng, J. Xu: Clustering Moving Objects in Spatial Networks. To appear in Proceedings of the 12th International Conference on Database Systems for Advanced Applications (DASFAA 2007), Bangkok, Thailand, April 9-12, 2007. (Full paper: 70375#18.7%) [EDE][EFT]
- Z. Xiao, X. Meng, J. Xu: Quality Aware Privacy Protection for Location-based Services. To appear in Proceedings of the 12th International Conference on Database Systems for Advanced Applications (DASFAA 2007), Bangkok, Thailand, April 9-12, 2007. (Full paper: 70375#18.7%) [EDE][EFT]

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