

Workshop on Multimedia Data Mining and Management



CALL FOR PAPERS: 3rd International Workshop on Multimedia Data Mining and Management

In conjunction with the 20th International Conference on DEXA 2009
August 31 – September 4, 2009 at Linz, Austria
<http://www.bridgeport.edu/~jelee/mdmm/CFP.htm>

OVERVIEW: With the recent advances in electronic imaging, video devices, storage, networking and computer power, the amount of multimedia has grown enormously, and data mining has become a popular way of discovering new knowledge from such a large data sets. Multimedia data mining is a discipline which brings together database systems, artificial intelligence, and multimedia processing, such as image and video processing. It is important to understand what is multimedia data mining, how data mining techniques can contribute to discover new knowledge, how to organize and manage the discovered knowledge and concepts. The multimedia data appear in multiple forms including audio, speech, text, web, image, video and combinations of several types.

In this workshop, we aim to solicit papers that address the technical challenges in mining multimedia data and management. Through the workshop, we expect to bring together experts in analysis of multimedia data, state-of-art data mining and knowledge discovery in multimedia database systems, and domain experts in diverse areas, such as medical, surveillance, and education.

TOPICS: The major topics of the workshop include but are not limited to:

Algorithms and Models

- Association rules for multimedia data mining
- Clustering algorithms for multimedia data mining
- Classification algorithms for multimedia data mining
- Conceptual clustering for multimedia data mining
- Neural networks for multimedia data mining
- Parallel and distributed data mining for multimedia data
- Multimedia data mining in pervasive computing
- Multimedia ontology
- Stream data mining algorithms
- Spatio-Temporal data mining and algorithms

Applications

- Audio/Image/Video DBMSs
- Data mining system for medical multimedia data
- Multimedia segmentation
- Visualization
- Semantic web and annotation
- Summarization and abstraction
- Video abstraction
- Contents-based image/video retrieval systems

SUBMISSION GUIDELINES: Authors are invited to submit research contributions or practical experience reports in English. The paper is limited to 5 pages in IEEE format (two columns). The papers accepted for MDMM'09 will be published with IEEE CS Press in the workshop proceedings of DEXA'09. Inclusion of a paper in the proceedings is contingent on one of the authors registering and presenting at the conference. Please upload abstract (no more than 250 words in ASCII text) and paper at ConfDriver system

(<http://confdriver.ifs.tuwien.ac.at/>).

IMPORTANT DATES:

- Submission website open: January 15, 2009
- Abstract Submission: ~~March 8, 2009~~ March 29, 2009
- Full Paper Submission: ~~March 15, 2009~~ April 5, 2009
- Notification to Authors: April 25, 2009
- Final Versions of Accepted Papers: May 15, 2009

REGISTRATION: To be announced.

General Chairs

Makoto Takizawa
Seikei University, Japan

Roland Wagner
FAW, University of Linz, Austria

Conference Program

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To Be Announced

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