

CALL FOR PAPERS

MDM/KDD2001

Second International Workshop on
Multimedia Data Mining
August 26th 2001

in conjunction with

Seventh ACM SIGKDD International Conference on
Knowledge Discovery & Data Mining

The increasing application of collaborative computing and multimedia document handling provides enormous sources of various data, organized in different structures and formats. No wonder researchers in multimedia turned towards the field of data mining and knowledge discovery in databases in the search for techniques for improving the indexing and retrieval of multimedia information. The aim of this workshop is to bring together experts in analysis of digital media content, state-of-art data mining and knowledge discovery in multimedia database systems, knowledge engineers and domain experts from different applied disciplines with potential in multimedia data mining, in order to create a forum for discussion in the field of multimedia data mining.

Submissions are solicited in the form of original research papers or multimedia presentations in subjects related to the workshop topics.

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

- multimedia data mining methods and algorithms;
- knowledge discovery & knowledge extraction from image data;
- knowledge discovery & knowledge extraction from sound data;
- knowledge discovery & knowledge extraction from video data;
- automatic video annotation and indexing;
- real-time object detection in video streams;
- electronic documents - multimedia data representation and reuse of discovered knowledge;
- content-based search, retrieval, and discovery methods;
- uncertainty management in multimedia data mining;
- complexity, efficiency and scalability of multimedia data mining algorithms;
- the incorporation of domain knowledge;
- multimedia data mining and interactive exploration;
- multimedia data visualization and man-machine interfaces;
- integrated data mining of text and image data;
- data analysis of video and audio data;
- representation of discovered knowledge active storage for data mining in multimedia;
- mining from unstructured and semi-structured data;
- web-content mining;
- data mining from XML documents;
- mining from Geographic Information Systems;
- data mining in collaborative virtual environments and virtual reality systems.

Program Committee:

Terry Caelli	University of Alberta, Canada	Flip Korn	AT&T Laboratories, USA
Chabane Djeraba	University of Nantes, France	Brian Lovell	University of Queensland, Australia
Chitra Dorai	BM T. J. Watson Research Center, USA	Mark Maybury	MITRE Corporation
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Odej Kao	Technical University of Clausthal, Germany	John R. Smith	IBM T. J. Watson Research Center, USA
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Paul Kennedy	University of Technology-Sydney, Australia	Ian H. Written	University of Waikato, New Zealand
Latifur Khan	University of Texas, USA	Osmar R. Zaiane	University of Alberta, Canada

For more information please contact the workshop co-chairs

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Or check the workshop web page:

http://db.cs.ualberta.ca/mdm_kdd2001/

Send submission to:
mdm-chairs@cs.ualberta.ca

Important Dates

- **May 15:** Submissions Due
- **June 15:** Acceptance Notification
- **July 16:** Camera Ready Copy Due
- **August 26:** Workshop Day

MDM/KDD 2001 @ ACM SIG-KDD

