

MIR2000

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International Workshop on Multimedia Information Retrieval

November 4, 2000

Los Angeles, USA

in conjunction with [ACM Multimedia Conference 2000](#)

MIR2000 was over. Thanks for your participation!

!!! New !!! slides of invited talks available.

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ACM ISBN: 1-58113-311-1

ACM Order Number: 433003

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Presentation

New applications in training, simulating, marketing or electronic commerce now require the development of intelligent multimedia systems combining strengths of intelligent systems with multimedia. Such systems offer integrated tools for modeling, understanding, visualizing, retrieving and accessing large distributed multimedia databases. This leads to the development of novel techniques for image and video

analysis, similarity retrieval or intelligent query management.

Following the success of [the First International Workshop on Multimedia Intelligent Storage and Retrieval Management \(MISRM\)](#) held in conjunction with [ACM 1999 Multimedia Conference](#), we are organizing a second edition of this workshop with a focus on multimedia information retrieval.

The purpose of the International Workshop on Multimedia Information Retrieval (MIR) is to bring together researchers, developers and practitioners from academia and industry. The workshop will serve as a forum for discussion, presentation, and exploration of techniques, approaches and experiences in the field of multimedia information retrieval.

Topics

Topics of interest include, but are not limited to:

- Multimedia data modeling
 - Multimedia visualization
 - Intelligent agents for multimedia indexing and retrieval
 - Multimedia indexing
 - Query languages for multimedia retrieval
 - Multimedia and media mining
 - Image and video database systems
 - Metadata for multimedia retrieval
 - Tools and standards
 - Video analyzing and indexing
 - Image similarity retrieval
 - Data quality for intelligent retrieval
-

Invited Speakers

Prof. Ramesh Jain (UCSD, Praja Inc., USA)

Prof. Yasuo Ariki (Ryukoku University, Japan)

Advanced Program

8:30 am - 9:50 am Image Retrieval

Using Hilbert Curve in Image Storing and Retrieving

Zhexuan Song and Nick Roussopoulos, University of Maryland, USA

On "Shapes" of Colors for Content-Based Image Retrieval

Renato O. Stehling, Mario A. Nascimento, and Alexandre X. Falcão
UNICAMP, Brazil; University of Alberta, Canada

Learning Image Similarities and Categories from Content Analysis and
Relevance Feedback

Zijun Yang and C.-C. Jay Kuo, University of Southern California, USA

Advanced Feature Extraction for Keyblock-Based Image Retrieval
Lei Zhu, Aibing Rao, and Aidong Zhang, SUNY Buffalo, USA

9:50 am - 10:00 am Coffee Break

10:00 am - 11:00 am Invited Talk

Contextual Search and Inference in Multimedia Environment ([slides](#))
Ramesh Jain, Praja, USA

11:10 am - 12:30 pm Video Content Description

Omni-Face Detection for Video/Image Content Description
Gang Wei and Ishwar K. Sethi
Oakland University, USA; Wayne State University, USA

Video Summarization Based on the Psychological Content in the Track
Structure
Tsuyoshi Moriyama and Masao Sakauchi, University of Tokyo, Japan

Scene Identification in News Video by Character Region Segmentation
Ichiro Ide, Reiko Hamada, Shuichi Sakai, and Hidehiko Tanaka
National Institute of Informatics, Japan; University of Tokyo, Japan

Detection of Text Captions in Compressed Domain Video
Yi Zhang and Tat-Seng Chua, National University of Singapore, Singapore

12:30 pm - 1:30 pm Lunch Break

1:30 pm - 2:50 pm Video Retrieval

Linking Live and Replay Scenes in Broadcasted Sports Video
Noboru Babaguchi, Yoshihiko Kawai, Yukinobu Yasugi, and Tadahiro Kitahashi
Osaka University, Japan

Spatio-Temporal Representation and Retrieval Using Moving Objects'
Trajectories
Choon-Bo Shim and Jae-Woo Chang, Chonbuk National University, Korea

Rule-Based Video Classification System for Basketball Video Indexing
Wensheng Zhou, Asha Vellaikal, and C.-C. Jay Kuo
HRL Laboratories, USA; University of Southern California, USA

A New Content-Based Shot Retrieval Approach: Key-Frame Extraction Based
Nearest Feature Line (NFL) Classification
Li Zhao, Wei Qi, Stan Z. Li, Shi-Qiang Yang, and H.J. Zhang
Microsoft Research China, China; Tsinghua University, China

2:50 pm - 3:00 pm Coffee Break

3:00 pm - 4:00 pm Invited Talk

Organization and Retrieval of Continuous Media
Yasuo Ariki, Ryukoku University, Japan

4:10 pm - 5:30 pm Miscellaneous

Effective Access to Large Audiovisual Assets Based on User Preferences
S. Ioannou, G. Moschovitis, K. Ntalianis, K. Karpouzis, and S. Kollias
National Technical University of Athens, Greece

Document Image Retrieval without OCRing Using a Video Scanning System
Ercan E. Kuruoglu and Vern T. Tan
INRIA - Sophia Antipolis, France; Trinity College, UK

Associating Cooking Video with Related Textbook
Reiko Hamada, Ichiro Ide, Shuichi Sakai, and Hidehiko Tanaka
University of Tokyo, Japan; National Institute of Informatics, Japan

Similarity-Based Retrieval of Temporal Documents
Prakash Yamuna and K. Selçuk Candan, Arizona State University, USA

Submission

The program committee solicits condensed research papers describing new results or original ideas related to the workshop topics. Papers should be in English and should not exceed 10 double spaced pages. The cover page should include the title, name and affiliation of the author(s), contact, address, email, fax and telephone. Proceedings of the ACM MM 2000 workshops will be published by the ACM Press. The limit of the final paper size is 4 pages (+ up to 2 extra pages at \$100 per page.) and must follow the ACM technical paper submission format. We will need necessary copyright clearance for all the papers for both printed and electronic version of the proceedings.

Papers should be sent electronically (postscript or PDF) not later than June 19th 2000 to the following address: mir@nii.ac.jp

Journal Special Issue

Selected submissions will be recommended for possible publication in the special issue of Elsevier "Information Systems" journal.

Important Dates

Deadline for submission

June 19th
Notification of acceptance/rejection
July 7th
Final version of papers are due on
July 25th
Workshop
November 4, 2000

Workshop Chairs

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Contact :

For more information on this workshop, please send an e-mail to:mir-chair@nii.ac.jp
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Mon Nov 13 15:47:44 JST 2000