



4th Intl. Workshop on Multimedia Information Retrieval

December 6, Juan-les-Pins on the French Riviera

in conjunction with ACM Multimedia 2002

PLEASE VISIT THE ACM MM WEBSITE AT

<http://mm02.eurecom.fr/> FOR REGISTRATION AND TRAVEL INFORMATION.

Following the success of the three previous workshops, MISRM 1999, and MIR 2000, MIS 2001 all held in conjunction with the respective ACM Multimedia Conferences, we are organizing a fourth edition of the Intl. Workshop on Multimedia Information Retrieval, MIR 2002, to be held jointly with ACM Multimedia 2002. Its purpose 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.

In order to have an application focus, this year we will have a special invited session on **Multimedia content-based retrieval for cultural heritage applications**. The special session will focus on content-based retrieval in the framework of cultural heritage applications and will be organized in cooperation with DELOS-NSF working group on "Digital Imagery for Significant Cultural and Historical Materials".

WORKSHOP CO-CHAIRS

- Dr. Uma Srinivasan, CSIRO, Sydney Australia (Uma.Srinivasan@csiro.au)
- Prof. Sibel Adali, Rensselaer Polytechnic Inst. (sibel@cs.rpi.edu)
- Prof. Yuichi Nakamura, University of Tsukuba (yuichi@image.esys.tsukuba.ac.jp)

SPECIAL SESSION CHAIR

- Professor Alberto DelBimbo, University of Florence (delbimbo@dsi.unifi.it)

For further information on the workshop please contact the workshop co-chairs at mir2002_chairs@cs.rpi.edu or the special session chair at: delbimbo@dsi.unifi.it. You can also visit the workshop web site at <http://www.cs.rpi.edu/mir2002/>.

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Call for papers

Special session information

Deadlines

Program Committee

Workshop program

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CALL FOR PAPERS

With all content going digital, new areas such as interactive training, simulation, e-business, and cultural heritage applications require management of large amounts of data, most of which are non-traditional (text/numeric) types of data. Such applications require integrated tools for modeling, understanding, visualizing, retrieving, and accessing the data. This leads to the development of novel techniques for managing multimedia content. This year we have included topics that focus on semantic retrieval of multimedia content through the addition of new topics such as semantic web and computational media aesthetics.

Topics of interest to MIR 2002 include, but are not limited to:

- Multimedia data modeling
- Multimedia indexing
- Multimedia visualization
- Metadata for multimedia retrieval
- Query languages for multimedia retrieval
- Query processing for multimedia retrieval
- Multimedia and media mining
- Feature and structure extraction for multimedia retrieval
- Tools and standards
- User perspective and user modeling for multimedia retrieval
- New media types and new applications
- Intelligent agents for multimedia indexing and retrieval
- Infrastructure for multimedia retrieval
- Semantic content analysis for multimedia retrieval
- Multi-modal multimedia retrieval
- Intelligent multimedia production
- Retrieval of multimedia semantics
- Multimedia retrieval for pervasive devices
- Semantic web
- Computational media aesthetics

The special session on Multimedia content-based retrieval for cultural heritage applications will gather recognized experts in image and video databases as well as experts from the field. Addressed subjects will cover, among the others: user requirement modeling; construction of cultural heritage object databases, 2D information modeling; relevance of 3D content-based retrieval. The session chair will provide an overview of the state of the art and focus on perspective issues and challenges. Each of the experts will present research activities presently carried out at his/her site. Submission to this session will be on invitation only.

Paper Submission

For the general topics of MIR 2002, 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 numbers. For submission instructions, please visit the workshop web page: <http://www.cs.rpi.edu/mir2002/>

Proceedings of the ACM Multimedia 2002 Workshop will be published by the ACM Press.

Important Dates

Paper submission: September 10
Notification of acceptance/rejection: October 10
Camera-ready version due: October 21
Workshop: December 6

Workshop Program Committee

Laurent Amsaleg, IRISA
Yasuo Ariki, Ryukoku University, Japan
Noboru Babaguchi, Osaka University, Japan
Selcuk Candan, Arizona State University
Isabel Cruz, University of Illinois at Chicago
Lee Giles, Pennsylvania State University
Jesse Jin, University of Sydney, Australia
Yoshinori Kameda, Kyoto University, Japan
Norio Katayama, National Institute of Informatics, Japan
Brigitte Kerherve, University of Quebec, Montreal
Robert Laurini, University of Lyon, France
Daniel Lopresti, Bell Labs, Lucent Technologies
Frank Nack, CWI, Amsterdam
Surya Nepal, CSIRO, Sydney, Australia
Fausto Rabitti, Consiglio Nazionale dell Ricerche
Maria-Luisa Sapino, Universita di Torino
Shin'ichi Satoh, National Institute of Informatics, Japan
John Smith, IBM T.J. Watson research Centre
Vincent Oria, New Jersey Institute of Technology
Svetha Venkatesh, Curtin University, Australia



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- Notification of acceptance/rejection: **October 10**
- Camera-ready version due: **October 21**
- Early registration deadline: **October 31**
- Workshop: **December 6**



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 Lee Giles, Pennsylvania State University
 Jesse Jin, University of Sydney, Australia
 Yoshinori Kameda, Kyoto University, Japan
 Norio Katayama, National Institute of Informatics, Japan
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 Frank Nack, CWI, Amsterdam
 Surya Nepal, CSIRO, Sydney, Australia
 Fausto Rabitti, Consiglio Nazionale dell Ricerche
 Maria-Luisa Sapino, Universita di Torino
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FOURTH INTERNATIONAL WORKSHOP ON MULTIMEDIA INFORMATION RETRIEVAL

Workshop organizers: Sibel Adali, Rensselaer Polytechnic Institute, USA
Yuichi Nakamura, University of Tsukuba, Japan Uma Srinivasan, CSIRO, Australia

Special session organizer: Alberto DelBimbo, University of Florence

8:00 - 8:30 AM: REGISTRATION

8:30 - 8:40 AM: WELCOME AND INAUGURATION TO THE WORKSHOP

8:40 - 10:00 AM: IMAGE RETRIEVAL

Using Small Samples for Content-based Image Retrieval with Relevance Feedback

Xingquan Zhu, Jianping Fan, Hangzai Luo, Ahmed K. Elmagarmid (USA)

SVM-Based Feature Weighting Method for Image Retrieval

Fang Qian, Mingjing Li, Hong-Jiang Zhang, Bo Zhang (China)

An Approach to Content-Based Image Retrieval using Clustering and Space Transformation

Biren N. Shah, Vijay V. Raghavan (USA)

FLAME: A Generic Framework for Content-based Flash Retrieval

Jun YANG, Qing Li, Liu Wenyin, Yueting Zhuang (China)

10:00 - 10:30 AM: BREAK

10:30 - 12:10: VIDEO ANALYSIS, RETRIEVAL AND VISUALIZATION

Session Chair: Uma Srinivasan, CSIRO, Sydney Australia

ClassView: Semantic Principal Video Shot Classification System

Jianping Fan, Hangzai Luo, Xingquan Zhu (USA)

Performance Evaluation Protocol for Video Scene Detection Algorithms

Xian-Sheng Hua, Dong Zhang, Mingjing Li, Hong-Jiang Zhang (China)

Visualizing the Structure of a Large Scale News Video Corpus Based on Topic Segmentation and Tracking

Ichiro IDE, Norio KATAYAMA, Shin`ichi SATOH (Japan)

Motion Based Automatic Abstraction of Cooking Videos

Koichi Miura, Reiko Hamada, Ichiro Ide, Shuichi Sakai, Hidehiko Tanaka (Japan)

Defragmenting the field: Community of Multimedia Agents

Gang Wei, Valery A. Petrushin, Anatole V. Gershman (USA)

12:10 - 2:10: LUNCH BREAK (on your own)

2:10 - 3:30: SPECIAL SESSION ON MULTIMEDIA CONTENT BASED RETRIEVAL FOR CULTURAL HERITAGE APPLICATIONS

Interdisciplinary Research to Advance Digital imagery Indexing and Retrieval Technologies for Asian Art and Cultural Heritages

J.Z. Wang, J. Li, C.C. Chen

Approximate Search vs Precise Search by Visual Content in Cultural Heritage Image Databases

N. Bouhema, M. Ferecatu, V. Gouet

3D image databases, acquisition and retrieval by content

C. Colombo, A. Del Bimbo, P. Pala

Towards Extraction of Meaningful Temporal Video Segments

N. Peyard, P. Bouthemy

3:30 - 4:00 PM: BREAK

4.00 - 5.00 PM: SPECIAL SESSION ON MULTIMEDIA CONTENT BASED RETRIEVAL FOR CULTURAL HERITAGE APPLICATIONS

Indexing and Retrieving documentary films: managing metadata in the Echo system

G. Amato, C. Gennaro, P. Savino

An Integrated Multimedia Approach to Cultural Heritage e-Documents

A.W. Smeulders, L. Hardman, G. Schreiber, J.M. Geusebroek

Enriching Perspectives in Exploring Cultural Heritage Documentaries Using Informedia Technologies

T. D. Ng, H.D. Wactlar

5:00 PM: CLOSING REMARKS



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For registration, please visit the Conference Web site at <http://mm02.eurecom.fr/>. At least one author must be registered for the workshop before October 21st, to be able to include your paper in the proceedings.



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We also highly recommend that you use the [ACM SIG Proceedings Templates](#) provided at the ACM web site to speed up the preparation of camera ready formats. The expected length of submitted papers in this format is 4 pages total.

Paper submission deadline is September 10, 2002. Note that this is a firm deadline!

Submission deadline has now past. The accepted papers will be announced in this web site very soon. Thank you for your interest in MIR 2002.