

Call for Papers

The Eleventh International Conference on Distributed Multimedia Systems (DMS'2005)

Banff Springs Hotel, Banff, Canada
September 5 - 7, 2005

Organized by
Knowledge Systems Institute

The DMS conference is an international conference series, which covers a wide spectrum of technique discussions, demonstrations, and student program/paper contests in the fields of distributed multimedia computing. Started in 1994, the series of conference has been held at Hawaii, Hong Kong, Vancouver, Taipei, Aizu-Wakamatsu, Japan, San Francisco and Miami. This time, the conference will be held at the Banff Springs Hotel, Banff, Canada with video conferencing in other universities/organizations in US, Japan and elsewhere.

DMS'2005 focuses on techniques, systems, applications, and theories in the fields of distributed multimedia computing. The conference organizers seek contributions of high quality papers, panels or tutorials, addressing various aspects of distributed multimedia systems and applications, for presentation at the conference and publication in the proceedings. Topics of interest include, but are not limited to:

- ◆ audio and video compression
- ◆ MPEG, Quicktime, Windows API standards
- ◆ image, video, audio content analysis and indexing/retrieval
- ◆ image, video and audio watermark
- ◆ 3D audio and video
- ◆ computer graphics and animation
- ◆ modeling and analysis of distributed multimedia systems
- ◆ OS support for distributed multimedia systems
- ◆ distributed multimedia databases and computing
- ◆ multi-paradigmatic information retrieval
- ◆ multimedia human-computer interaction
- ◆ multimedia communications and network architectures
- ◆ mobile networks and mobile computing
- ◆ multimedia stream synchronization and QoS control/scheduling
- ◆ multimedia software engineering
- ◆ multimedia processors and ASIC
- ◆ multimedia technologies for people with disability
- ◆ intelligent multimedia computing
- ◆ intelligent multimodal interaction
- ◆ multi agents, mobile agents and their applications
- ◆ communication encryption
- ◆ security of distributed computer systems
- ◆ Web servers and services
- ◆ XML applications
- ◆ Java, VRML and multimedia languages
- ◆ visual and multidimensional languages for multimedia applications
- ◆ multimedia digital libraries and mail systems
- ◆ multimedia applications for CSCW
- ◆ multimedia authoring tools and intelligent tutoring
- ◆ cultural heritage multimedia applications
- ◆ tele-conferencing, tele-medicine and tele-lecture
- ◆ virtual reality, distributed virtual environment, and their applications
- ◆ virtual school, virtual university, and virtual learning community
- ◆ distance learning methodology, tools and systems
- ◆ e-commerce, e-education and e-entertainment

The use of prototypes and demonstration video for presentations is encouraged.

Workshops and Special Sessions

This year, DMS'2005 will be held in conjunction with workshops, conferences and special sections. Papers submitted to workshops or special sessions are invited by the program committee chairs of the workshops/sections. This joint organization aims to collect research results from different perspectives. The following workshops and conferences are being planned:

International Workshop on Visual Languages and Computing
International Conference on Visual Information Systems
International Workshop on Mobile Systems, E-Commerce and Agent Technology
The 2005 International Workshop on Distance Education Technology DET2005

Please contact the conference program co-chairs if you are interested in organizing a workshop or a special session. A one-page proposal with the following items is required:

- Title of the workshop/special session*
- Name of the program committee chair(s)*
- A list of program committee members*
- E-mail address of the corresponding program committee chair*
- A brief description of the theme*

Each special session should include at least 5 invited (or accepted) papers. Each workshop should include at least 2 special sessions (10 papers). Paper review process of the workshop/special session will be arranged by the individual program committee chair. It is the responsibility of the individual chairs to ensure the quality of papers in the workshop/special sessions. The schedule of workshops/special sessions will be the same as the main conference (See Important Dates below). Each individual program committee chair can set up the Web site of the workshop/special session. However papers will be printed in the same volume as the main conference.

Special issue of Journals

Best ranked papers accepted at the conference will be suggested for publication in a special issue of an international journal, subject to the review by the program committee. Papers suggested for the special issue will then be reviewed by external reviewers following the standard procedure of review stipulated by the international journal.

Conference Site (Hotel Information)

The DMS'2005 Conference will be held at the Banff Springs Hotel, one of the most famous landmark hotels in Canada. Banff Springs has graciously made available to DMS'2005 attendees a remarkable discount rate of \$239 Canadian dollars for single/double (approximately \$182 US dollars) per night. The regular room rate is \$539.00 per night and it is worth the stay in one of the most fabulous hotels even for one night to enjoy the medieval architecture, interior decoration and delightful atmosphere in Banff Springs. If you plan to attend and would like to share with another conference attendee, please notify the DMS'2005 Conference Secretariat and provide your check-in/check-out date and your name. We will make the necessary arrangements for you; however, we can not guarantee that we will match your requirements. A limited number of rooms are available, room rate does not include tax and service fee. The hotel reservation number is 800-441-1414. For additional information, please visit the Hotel website at www.Fairmont.com/Banffsprings.

The conference is within walking distance from Banff Village, where many less expensive hotels and motels are available. Conference attendees can stay at a hotel in Banff Village and walk to conference hotel.

Information for Authors

Papers must be written in English. An electronic version (Postscript, PDF, or MS Word format) of the full paper should be submitted using the following URL: <http://conf.ksi.edu/dms05/submit/SubmitPaper.php>. Please use Internet Explorer as the browser. Manuscript must include a 200-word abstract and no more than 6 pages of IEEE double column text (include figures and references).

Information for Reviewers

Papers submitted to DMS'05 will be reviewed electronically. The users (webmaster, program chair, reviewers...) can login using the following URL: <http://conf.ksi.edu/dms05/review/pass.php>. If you have any questions or run into problems, please send e-mail to: dms@ksi.edu.

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If you cannot submit electronically, please send four copies of the complete manuscript to the above postal address.

Important Dates

- April 30, 2005** Paper submission due
- June 1, 2005** Notification of acceptance
- July 1, 2005** Final manuscript due
- July 1, 2005** Early conference registration due