

3rd International Workshop on Adaptive Multimedia Retrieval

Co-located with IJCAI 2005, 28-29 July 2005, University of Glasgow, UK



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You are invited to participate in AMR 2005.

So far, several approaches have been developed that tackle specific problems of the retrieval process, e.g. feature extraction methods for multimedia data, query languages, application specific similarity measures and interactive user interfaces. However, in most cases the user still needs several steps in order to find the searched objects. The main reasons for this are on the one hand, the users' difficulty in specifying their interests in the form of a well defined query (which is partially caused by inappropriate user interfaces), on the other hand, the problem of extracting relevant features from the multimedia objects. Moreover, user specific interests and the search context are usually neglected when objects are retrieved.

To improve today's retrieval tools and thus the overall satisfaction of a user, it is necessary to develop intelligent methods that are able to support the user in the search process, e.g. by providing additional user adapted information about the search results as well as the data collection itself and especially by adapting the retrieval tool to the user's needs and interests.

The goals of the workshop are to discuss the latest work in this area and thus to facilitate the exchange of ideas between different research communities. Specifically, we aim to bring disparate fields such as AI, user modeling, multimedia information retrieval and the user interface design communities together.

Topics of Interest

The workshop focuses especially on researchers that are working on feature extraction techniques for multimedia, adaptive and context sensitive retrieval models, (dynamic) data analysis methods, and user interface design. Therefore, contributions to the workshop should focus on, but are not limited to:

- Multimedia retrieval systems (for text, image, audio, video and mixed-media)
- Theoretical foundations of multimedia retrieval and mining
- Intelligent multimedia data modeling, indexing and structure extraction
- Adaptive Hypermedia and web based systems
- Metadata for multimedia retrieval
- Multimedia and multi-modal mining
- Semantic content analysis for multimedia
- Semantic web and ontologies
- Adaptive query languages
- Similarity measures (especially user adaptive measures)
- User and preference modeling (including feedback models)
- Methods for adaptive data visualization and user interfaces

Important Dates:

Deadline for paper submission:

March 21, 2005

Notification of acceptance/rejection:

May 2, 2005

Submission of final papers:

May 30, 2005

Submissions

Submissions should be formatted according to Springer LNCS style (for details see the instructions at <http://www.springer.de/comp/lncs/authors.html>). Papers should have about 10 pages but must not exceed 15 pages and should be submitted electronically in PDF or postscript format to amr2005@dcs.gla.ac.uk. Accepted papers will be published in the workshop proceedings.

Venue

The workshop is co-located with the 19th International Joint Conference on Artificial Intelligence (IJCAI 2005) in Edinburgh, UK. The workshop will be held in Glasgow, which is situated about 70km west of Edinburgh.



Glasgow is one of the liveliest and most cosmopolitan destinations in Europe. The city has been reborn as a centre of style and vitality set against a backdrop of outstanding Victorian architecture.

For more information about the venue, travel, etc. please visit www.gla.ac.uk.

Registration

Details on registration will be available from the workshop website.

Further Information:

<http://www.dcs.gla.ac.uk/amr2005/>