AMR 2011 - 9th International Workshop on Adaptive Multimedia Retrieval

Workshop dates: July 2011, 18th and 19th
Venue: Universitat de Barcelona, Facultat de Filologia,
Gran Via de les Corts Catalanes, 585 (Metro Universitat).

http://stel.ub.edu/amr2011/

For all enquiries regarding the workshop please contact amr2011@uba.edu

Aims and scope

Systems for searching and organizing multimedia information have matured during the last few years. However, retrieving specific media objects is still a challenging task, especially if the query can only be vaguely defined or a similar object, e.g. a piece of music, should be retrieved. The main reasons for the problems in multimedia search are still on the one hand, the users' difficulty in specifying their interests in the form of a well-defined query due to insufficient support from the interface, and on the other hand, the problem of extracting relevant (semantic) features from the multimedia objects itself. Besides, ideally user specific interests should be considered when ranking or automatically organizing result sets. To improve today's retrieval tools and thus the overall satisfaction of a user, it is necessary to develop advanced techniques able to support the user in the interactive retrieval process.

Since we believe that for the above mentioned challenges artificial intelligence plays a key role, we organize AMR this year co-located with the Joint Conference on Artificial Intelligence (IJCAI 2011). In fact, techniques going from supervised learning to automatic clustering, from human-machine interfaces to artificial emotion synthesis, from knowledge representation management to visualization can all contribute to the Adaptive Multimedia Retrieval Challenge. In particular, but not limited to, we believe that AI can induce a technological jump, not only in meta-tags labeling, but in areas such as user analysis, data organization, adaptive structuring and ranking.

The Adaptive Multimedia Retrieval workshop aims to bring researchers, practitioners and companies with specific focus on existing and novel techniques into the field of multimedia retrieval. We promote the idea of having a separate event for focusing to the specificities of our challenge. The final goal of this workshop is, thus, to intensify the exchange of ideas, to provide an overview of current activities in this area and to point out connections between multimedia, retrieval and artificial intelligence research

 The 9th International Workshop on Adaptive Multimedia Retrieval, AMR'2011, will be held on 18-19 July at the Universidad de Barcelona, Spain.

Main Topics

- 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
- Multimedia Interaction
- Affect Detection for Multimedia Content
- Soft Computing in Multimedia Information Retrieval
- Adaptive query languages
- Similarity measures (especially user adaptive measures)
- User and preference modeling (including feedback models)
- Methods for adaptive data visualisation and user interfaces

Proceedings

After the workshop, selected papers will be published as usual as a Post-Proceedings volume.

Important Dates

~~**May 15th, 2011** Paper submission deadline~~
~~**May 30th, 2011** EXTENDED paper submission deadline~~
~~**June 17h, 2011** Notification of acceptance/rejection~~
June 27h, 2011 Notification of acceptance/rejection
July 3th, 2011 Final paper submission
July 7th, 2011 Early registration deadline
July 18th, 2011 Workshop starts

Program Chairs

Marcin Detyniecki CNRS, LIP6, Paris, France
Ana García-Serrano Universidad Nacional de Educación a Distancia, Spain
Andreas Nürnberger University of Magdeburg, Germany

Previous Venues

This is the 9th workshop in the series. Previous venues were:

- AMR 2010, Linz, Austria.
- AMR 2009, Madrid, Spain (proceedings are published as Springer LNCS, vol 6535).
- AMR 2008, Berlin, Germany (proceedings are published as Springer LNCS, vol 5811).
- AMR 2007, Paris, France (proceedings have been published as Springer Lecture Notes in Computer Science, vol 4918)
- AMR 2006, Geneva, Switzerland (proceedings have been published as Springer Lecture Notes in Computer Science, vol 4398)
- AMR 2005, Glasgow, UK was co-located with IJCAI 2005 (proceedings have been published as Springer Lecture Notes in Computer Science, vol 3877)
- AMR 2004 at ECAI 2004, Valencia, Spain
- AMR 2003 at KI 2003, Hamburg, Germany (proceedings have been published as Springer Lecture Notes in Computer Science, vol 3094)