

1. Record Nr.	UNISA996465932003316
Titolo	Adaptive Multimedia Retrieval: User, Context, and Feedback [[electronic resource]] : Third International Workshop, AMR 2005, Glasgow, UK, July 28-29, 2005, Revised Selected Papers // edited by Marcin Detyniecki, Joemon M. Jose, Andreas Nürnberger, C. J. van Rijsbergen
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-32175-6
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XII, 284 p.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 3877
Disciplina	006.7
Soggetti	Data structures (Computer science) Information storage and retrieval Multimedia information systems Application software Optical data processing Artificial intelligence Data Structures and Information Theory Information Storage and Retrieval Multimedia Information Systems Information Systems Applications (incl. Internet) Image Processing and Computer Vision Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Contributions -- Putting the User in the Loop: Visual Resource Discovery -- Using Relevance Feedback to Bridge the Semantic Gap -- Leveraging Context for Adaptive Multimedia Retrieval: A Matter of Control -- Ranking -- Rank-Ordering Documents According to Their Relevance in Information Retrieval Using Refinements of Ordered-Weighted Aggregations -- Ranking Invariance Based on Similarity Measures in Document Retrieval -- Systems -- Developing AMIE: An Adaptive Multimedia Integrated Environment -- Exploring the Structure

of Media Stream Interactions for Multimedia Browsing -- CARSA – An Architecture for the Development of Context Adaptive Retrieval Systems -- Integrating Media Management Towards Ambient Intelligence -- CANDELA – Storage, Analysis and Retrieval of Video Content in Distributed Systems -- Spatio-temporal Relations -- Interactive Retrieval of Video Sequences from Local Feature Dynamics -- Temporal Relation Analysis in Audiovisual Documents for Complementary Descriptive Information -- Using Feedback -- Using Segmented Objects in Ostensive Video Shot Retrieval -- Learning User Queries in Multimodal Dissimilarity Spaces -- Surface Features in Video Retrieval -- Toward Consistent Evaluation of Relevance Feedback Approaches in Multimedia Retrieval -- Using Context -- An Explorative Study of Interface Support for Image Searching -- Context-Based Image Similarity Queries -- Meta Data -- Information Retrieval of Sequential Data in Heterogeneous XML Databases -- A Visual Annotation Framework Using Common-Sensical and Linguistic Relationships for Semantic Media Retrieval -- Improving Access to Multimedia Using Multi-source Hierarchical Meta-data.

Sommario/riassunto

This book is an extended collection of revised contributions that were initially submitted to the International Workshop on Adaptive Multimedia Retrieval (AMR 2005). This workshop was organized during July 28-29, 2005, at the University of Glasgow, UK, as part of an information retrieval research festival and in co-location with the 19th International Joint Conference on Artificial Intelligence (IJCAI 2005). AMR 2005 was the third and so far the biggest event of the series of workshops that started in 2003 with a workshop during the 26th German Conference on Artificial Intelligence (KI 2003) and continued in 2004 as part of the 16th European Conference on Artificial Intelligence (ECAI 2004).

The workshop focussed especially on intelligent methods to analyze and structure multimedia collections, with particular attention on methods that are able to support the user in the search process, e. g. , by providing additional user- and context-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 invited contributions presented in the first section of this book— "Putting the User in the Loop: Visual Resource Discovery" from Stefan Ruger, "Using Relevance Feedback to Bridge the Semantic Gap" from Ebroul Izquierdo and Divna Djordjevic, and "Leveraging Context for Adaptive Multimedia Retrieval: A Matter of Control" from Gary Marchionini— illustrate these core topics: user, context and feedback.

These aspects are discussed from different points of view in the 18 contributions that are classified into six main chapters, following rather closely the workshop's sessions: ranking, systems, spatio-temporal relations, using feedback, using context and meta-data.
