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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Contribution -- The Future of Audio Reproduction -- User-Adaptive Web Retrieval -- Using Thematic Ontologies for User- and Group-Based Adaptive Personalization in Web Searching -- A Poset Based Approach for Condition Weighting -- User-Adaptive Music Retrieval -- Adaptive User Modeling for Content-Based Music Retrieval -- Towards User-Adaptive Structuring and Organization of Music Collections -- Music Tracking and Thumbnailing -- An Approach to Automatically Tracking Music Preference on Mobile Players -- Music Thumbnailing Incorporating Harmony- and Rhythm Structure -- Symbolic Music Retrieval -- Automatic Reduction of MIDI Files Preserving Relevant Musical Content -- Automatic Synchronization between Audio and Partial Music Score Representation -- Tagging and Structuring Image Collections -- Automatic Image Tagging Using Community-Driven Online Image Databases -- Geo-temporal Structuring of a Personal Image Database with Two-Level Variational-

Bayes Mixture Estimation -- Unsupervised Clustering in Personal Photo Collections -- Systems for Still and Motion Images -- Towards a Fully MPEG-21 Compliant Adaptation Engine: Complementary Description Tools and Architectural Models -- Mobile Museum Guide Based on Fast SIFT Recognition.

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Sommario/riassunto

This book is a selection of the revised contributions that were initially submitted to the International Workshop on Adaptive Multimedia Retrieval (AMR 2008).

The workshop was organized at the Fraunhofer Institute for Telecommunications HHI, Berlin, Germany, during June 26-27, 2008. The goal of the AMR workshops is to intensify the exchange of ideas between different research communities, to provide an overview of current activities in this area and to point out connections between the diverse research communities, in particular the ones focussing on multimedia retrieval and artificial intelligence. In this spirit, the first three events were collocated with Artificial Intelligence conferences: in 2003 as a workshop of the 26th German Conference on Artificial Intelligence (KI 2003); in 2004 as part of the 16th European Conference on Artificial Intelligence (ECAI 2004) and in 2005 as part of the 19th International Joint Conference on Artificial Intelligence (IJCAI 05). Because of its success, in 2006 the University of Geneva, Switzerland organized the workshop for the first time as a standalone event. The motivation of the participants led us to continue this path, and thus AMR 2007 and AMR 2008 were again organized as independent events at the Laboratoire d'Informatique de Paris VI in France and at the Fraunhofer Institute for Telecommunications, Heinrich Hertz Institute (HHI) in Berlin, respectively. The workshop in 2008 revealed four main subtopics: summarization, identification and recommendation. These challenges addressed image, Web and music data, the latter being a strong and new push in the AMR series. Therefore, in this edition, adaptive retrieval--the core subject--was tackled from quite different and innovative perspectives.

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