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Adaptive Multimedia Retrieval: User, Context, and Feedback

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Revised Selected Papers

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Preface

This book is an extended collection of revised contributions that were initially submitted to the International Workshop on Adaptive Multimedia Retrieval (AMR 2006). This workshop was organized during July 27-28, 2006 at the University of Geneva, Switzerland.

AMR 2006 was the fourth workshop in the series, following AMR2005 organized at University of Glasgow (*Lecture Notes in Computer Science* volume 3877). The series started in 2003 with a workshop during the 26^{th} German Conference on Artificial Intelligence (KI 2003 – *Lecture Notes in Computer Science* volume 3094) and continued in 2004 as part of the 16^{th} European Conference on Artificial Intelligence (ECAI 2004).

This year, the AMR workshop kept its focus on accommodating user needs via adaptive processes. A number of contributions investigated the utility of segmentation in the query and retrieval process. Adaptive definitions of similarity were also proposed in the papers contained in this volume. The invited contributions were intended to open on less-addressed topics in the community. This is the case for music information retrieval and distributed information retrieval (e.g., on P2P networks). Other contributions looked at more applicative aspects of IR.

We think that this book provides a good and conclusive overview of the current research in the area of adaptive information retrieval. We would like to thank all members of the Program Committee for supporting us in the reviewing process, the workshop participants for their willingness to revise and extend their papers for this book and all staff at Springer for their support in publishing this book. We extend a special thanks to our supporting institutions.

December 2006

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