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# Proceedings of the 7th International Workshop on Information Filtering and Retrieval

Workshop of the XIII AI\*IA Conference

The logo for DART 2013 features the word "DART" in a large, stylized, blue-outlined font with a glowing effect. Below it, the year "2013" is written in a similar, slightly smaller font, also with a glowing effect.

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<http://aixia2013.i-learn.unito.it/course/view.php?id=26>

## Preface

The series of DART workshops provides an interactive and focused platform for researchers and practitioners for presenting and discussing new and emerging ideas. Focusing on research and study on new challenges in intelligent information filtering and retrieval, DART aims to investigate novel systems and tools to web scenarios and semantic computing. Therefore, DART contributes to discuss and compare suitable novel solutions based on intelligent techniques and applied in real-world applications.

**Information Retrieval** attempts to address similar filtering and ranking problems for pieces of information such as links, pages, and documents. Information Retrieval systems generally focus on the development of global retrieval techniques, often neglecting individual user needs and preferences.

**Information Filtering** has drastically changed the way information seekers find what they are searching for. In fact, they effectively prune large information spaces and help users in selecting items that best meet their needs, interests, preferences, and tastes. These systems rely strongly on the use of various machine learning tools and algorithms for learning how to rank items and predict user evaluation.

Submitted proposals received two or three review reports from Program Committee members. Based on the recommendations of the reviewers, 7 full papers have been selected for publication and presentation at DART 2013.

When organizing a scientific conference, one always has to count on the efforts of many volunteers. We are grateful to the members of the Program Committee who devoted a considerable amount of their time in reviewing the submissions to DART 2013.

We were glad and happy to work together with highly motivated people to arrange the conference and to publish these proceedings. We appreciate the work of the Publicity Chair Fedelucio Narducci from University of Milan-Bicocca for announcing the workshop on various lists. Special thanks to Cristina Baroglio and Matteo Baldoni for the support and help in managing the workshop organization.

We hope that you find these proceedings a valuable source of information on intelligent information filtering and retrieval tools, technologies, and applications.

December 2013

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# Organization

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