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# Flexible Query Answering Systems

10th International Conference, FQAS 2013  
Granada, Spain, September 18-20, 2013  
Proceedings



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# Preface

This volume constitutes the Proceedings of the 10th International Conference on Flexible Query-Answering Systems, FQAS 2013, held in Granada, Spain, during September 18–20, 2013. This biennial conference series has been running since 1994, starting in Roskilde, Denmark, where it was also held in 1996, 1998, and 2009; in 2000 it was held in Warsaw, Poland, in 2002 in Copenhagen, Denmark, in 2004 in Lyon, France, in 2006 in Milan, Italy, and in 2011 in Ghent, Belgium.

FQAS is the premier conference concerned with the very important issue of providing users of information systems with flexible querying capabilities, and with an easy and intuitive access to information. More specifically, the overall theme of the FQAS conferences is the modelling and design of innovative and flexible modalities for accessing information systems. The main objective is to achieve more expressive, informative, cooperative, and productive systems that facilitate retrieval from information repositories such as databases, libraries, heterogeneous archives, and the Web.

With these aims, FQAS is a multidisciplinary conference drawing on several research areas, including information retrieval, database management, information filtering, knowledge representation, computational linguistics and natural language processing, artificial intelligence, soft computing, classical and non-classical logics, and human-computer interaction.

The sessions were organized in a general session track and a parallel special session track with a total of 59 original papers contained in these proceedings. The general track covers the current main stream fields: querying-answering systems, semantic technology, patterns and classification, personalization and recommender systems, searching and ranking, and Web and human-computer interaction. The special track covers some specific and, typically, newer fields, namely: environmental scanning for strategic early warning, generating linguistic descriptions of data, advances in fuzzy querying and fuzzy databases: theory and applications, fusion and ensemble techniques for online learning on data streams, and intelligent information extraction from texts.

We wish to thank all authors for their excellent papers and the referees, publisher, sponsors, and local organizers for their efforts. Special thanks to the organizers of the special sessions, the invited speakers, members of the Advisory Board, and members of the Program Committee. All of them made the success of FQAS 2013 possible.

September 2013

Henrik Legind Larsen  
Maria J. Martin-Bautista  
María Amparo Vila  
Troels Andreasen  
Henning Christiansen

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FQAS 2013 was organized by the Department of Computer Science and Artificial Intelligence of the University of Granada, and by the Department of Electronic Systems, Aalborg University. The local organization was done in cooperation with the High Technical School of Computer Science and Telecommunications of the University of Granada.

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