



FQAS

2023

15th International Conference on Flexible Query Answering Systems September 5 – 7, 2023 | Palma de Mallorca, Spain

Collocated with EUSFLAT 2023

FQAS is the premier conference focusing on the key issue in the information society of providing flexible, easy, and (for human) intuitive access to information. In targeting this issue, the conference draws on several research areas, such as information retrieval, database management, data science, artificial intelligence, machine learning, big data management, information filtering and recommendation, knowledge representation, logics (classical and non-classical), uncertainty handling, ontologies, knowledge discovery, analytics, soft computing, pattern recognition, natural language processing, management of multimedia and multimodal information, and human-computer interaction.

The guiding topic of the FQAS conferences are innovative query systems aimed at providing easy, flexible and human-friendly effective and efficient access to information. Such systems are becoming increasingly important also due to the huge and always growing number of users as well as the growing amount of available data and information.

Since 1994, the conference has provided a unique and multidisciplinary forum for researchers, developers and practitioners to explore and exchange new ideas and approaches in all mentioned research areas.

CALL FOR PAPERS

We invite submissions of original research contributions. We also encourage submission of survey and position papers, and contributions on applications and experimental studies.

Topics include (but are not limited to) the following:

- Flexible Query / Question Answering models and Systems
- Query answering
 - AI empowered data driven query answering
 - Graph databases and knowledge graph querying
 - Multimodal question answering
 - Recommender systems and Implicit query answering
 - Explainability of answers
 - Anonymous query answering
 - Contextualization and personalization of query answering
 - Visual question answering
 - Community question answering
 - Query answering in a distributed context
 - Query answering (spatial/temporal) big data
 - Query answering empowered by ontologies
 - Multilingual query answering
- Specific query answering issues
 - Text categorization
 - Natural Language Processing
 - Information extraction
 - Ethics and privacy in information access
 - Trustworthiness and credibility of answers
 - Fact checking and fake news detection
 - Demographic debiasing for fair answers
 - Synthetic data generation (for development and initial training of intelligent QA systems)
 - Connection finding and network analytics
 - Data and answer visualization
 - Data and answer summarization
 - User needs identification
 - Imprecise needs and query disambiguation
 - Decision support for user needs
 - Query intent detection
 - Intelligent multimodal dialogues
 - Speech understanding
 - Privacy secure user profiling for needs interpretation
 - Feature importance identification and preference modelling
 - Knowledge Discovery
 - Opinion mining and polarity detection
 - Sentiment analysis
 - Data/text mining
 - Anomaly detection

Application areas that may be considered include (but are not limited to) the following:

- Healthcare (e.g., Biomedical Question Answering, bioinformatics query answering)
- Cooperative dialogue systems and chatbots
- Recommender system application (for, e.g., music, films, books, literature, tourist objects, ...)
- Environmental and Earth Observation applications (for, e.g., geo big data)
- Business intelligence
- Security intelligence
- Data driven situation/risk assessment
- Research/investigation support
- Community question answering (in forums, social networks)
- Code search

IMPORTANT DATES

Special session proposal
November 30, 2022

Full paper submission due
March 10, 2023

Notification of acceptance
April 30, 2023

Final paper due
May 31, 2023

CONFERENCE PROCEEDINGS

All accepted papers will be published by Springer-Verlag in their Lecture Notes in Artificial Intelligence (LNAI) series. Authors are invited to submit original previously unpublished research papers written in English, of up to 12 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at Springer's web site //insert link to this//. Submissions not following the format guidelines will be rejected without review.

The LNAI publication will be online accessible during September 2023 for the registered FQAS participants

General Chairs

- Henrik Legind Larsen, Legind Technologies A/S, Denmark
- María J. Martín-Bautista, University of Granada, Spain

Program Chairs

- M. Dolores Ruiz, University of Granada, Spain
- Marie-Jeanne Lesot, Sorbonne University, France



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