Dear Colleagues,
welcome to Ghent!

We are glad to welcome you for the Ninth International 'Flexible Query Answering Systems' Conference in one of the most exciting cities of Flanders and Belgium. We hope that your time here will be nice and pleasant.

Here you can find the detailed programme for the next days and some useful information related to the conference and your stay.

For any further information, do not hesitate to contact the conference registration desk or one of our staff members.

The conference organizers.
FQAS 2011 – Final Programme

Wednesday, October 26th

8:00-9:00  Registration

9:00-9:20  Welcome by Paul Van Cauwenberge (Rector of Ghent University)

9:20-10:40  **Session S01: Logical approaches to flexible querying**  
*chair: Jozo Dujmovic*

- Generalizing Conjunctive Queries for Informative Answers  
  *Katsumi Inoue and Lena Wiese*
- ReAction: Personalized Minimal Repair Adaptations for Customer Requests  
  *Monika Schubert, Alexander Felfernig and Florian Reinfrank*
- Uncertainty that Counts  
  *Dany Maslowski and Jef Wijsen*
- Structured Data-based Q&A System Using Surface Patterns  
  *Nicolas Kuchmann-Beauger and Marie-Aude Aufaure*

10:40-11:10  Coffee Break

11:10-12:00  **Plenary talk P01: “Bipolar querying: some cognitive and decision theoretic inspirations”** by Janusz Kacprzyk  
*chair: Bernard De Baets*

12:00-13:00  **Session S02: Ranking, ordering and statistics**  
*chair: Adnan Yazici*

- Fuzzy Orderings for Fuzzy Gradual Patterns  
  *Malaquias Quintero, Anne Laurent and Pascal Poncelet*
- Spearman’s Rank Correlation Coefficient for Vague Preferences  
  *Przemysław Grzegorzewski and Paulina Ziembińska*
- Premium Based on Mixture Utility  
  *Jana Špirková*

13:00-14:30  Lunch

14:30-15:50  **Session S03: Knowledge-based approaches**  
*chair: Olga Pons*

- Semantic Processing of Database Textual Attributes using Wikipedia  
  *Jesús Roque Campaña, Juan Miguel Medina and María-Amparo Vila*
- Querying Class-Relationship Logic in a Metalogic Framework  
  *Jørgen Fischer Nilsson*
A Semantics-based Approach to Retrieving Biomedical Information
Troels Andreasen, Henrik Bulskov, Sine Zambach, Tine Lassen, Bodil Nistrup Madsen, Per Anker Jensen, Hanne Erdmann Thomsen and Jørgen Fischer Nilsson

Knowledge Extraction for Question Titling
Carolina Gallardo Pérez and Jesús Cardeñosa

15:50-16:10 Coffee Break

16:10-17:10 Session S04: Multimedia
chair: Murat Koyuncu

Multilingual Video Indexing and Retrieval Employing an Information Extraction Tool for Turkish News Texts: A Case Study
Dilek Küçük and Adnan Yazici

A Search-Engine Concept Based on Multi-Feature Vectors and Spatial Relationship
Tatiana Jaworska

Exploiting Class-Specific Features in Multi-Feature Dissimilarity Space for Efficient Querying of Images
Turgay Yılmaz, Adnan Yazıcı and Yakup Yıldırım

18:00-19:00 Welcome reception in City hall of Ghent
Thursday, October 27th

9:00-10:00  **Session S05: Data fuzziness, reliability and trust**

*chair: Troels Andreasen*

Generalised Fuzzy Types and Querying. Implementation within the Hibernate Framework  
*Jose Enrique Pons, Ignacio Blanco Medina and Olga Pons Capote*

Data Reliability Assessment in a Data Warehouse Opened on the Web  
*Sébastien Destercke, Patrice Buche and Brigitte Charnomordic*

Propagation of Question Waves by Means of Trust in a Social Network  
*Albert Trias Mansilla and Josep Lluis De La Rosa Esteva*

10:00-10:30  Coffee Break


*chair: Henrik Legind Larsen*

11:20-12:40  **Session S06: Information retrieval**

*chair: Gabriella Pasi*

Investigating the Statistical Properties of User-Generated Documents  
*Giacomo Inches, Mark James Carman and Fabio Crestani*

Information Retrieval from Turkish Radiology Reports without Medical Knowledge  
*Kerem Hadımlı and Meltem Turhan Yöndem*

Discovering and Analyzing Multi-Granular Web Search Results  
*Gloria Bordogna and Giuseppe Psaila*

Semantically Oriented Sentiment Mining in Location-Based Social Network Spaces  
*Domenico Carlone and Daniel Ortiz-Arroyo*

12:40-14:30  Lunch

14:30-15:50  **Session S07: Preference queries**

*chair: Olivier Pivert*

Skyline Snippets  
*Markus Endres and Werner Kießling*

Evaluating Top-k Algorithms with Various Sources of Data and User Preferences  
*Alan Eckhardt, Erik Horničák and Peter Vojtáš*

Efficient and Effective Query Answering for Trajectory Cuboids  
*Elio Masciari*

A Model for Analyzing and Visualizing Tabular Data  
*Ekaterina Simonenko, Nicolas Spyritos and Tsuyoshi Sugibuchi*

15:50-16:10  Coffee Break
16:10-17:00  **Plenary talk P03: "Contextualizing Search: Issues and Challenges"**
*by* Gabriella Pasi  
*chair: Janusz Kacprzyk*

17:00-18:00  **Session S08: Flexible querying of graph data**
*chair: Gloria Bordogna*

An Analysis of an Efficient Data Structure for Evaluating Flexible Constraints on XML Documents  
*Stefania Marrara, Emanuele Panzeri and Gabriella Pasi*

Intuitionistic Fuzzy XML Query Matching  
*Mohammed Sharaf Alzebdi, Panagiotis Chountas and Krassimir Atanassov*

A Cooperative Answering Approach to Fuzzy Preferences Queries in Service Discovery  
*Katia Abbaci, Fernando Lemos, Allel Hadjali, Grigori Daniela, Ludovic Liétard, Daniel Rocacher and Mokrane Bouzeghoub*

19:15-23:00  **Banquet at Gravensteen castle**
Friday, October 28th

9:00-10:00  **Session S09: Fuzzy logic in spatial and temporal data modeling and querying**

*chair: Slawomir Zadrozny*

Higher Reasoning with Level-2 Fuzzy Regions  
Jörg Verstraete

Bipolar Fuzzy Querying of Temporal Databases  
Christophe Billiet, Jose Enrique Pons, Tom Matthé, Guy De Tré and Olga Pons Capote

Implementation of X-tree with 3D Spatial Index and Fuzzy Secondary Index  
Sinan Keskin, Adnan Yazıcı and Halit Oğuztüzün

10:00-10:30  Coffee Break

10:30-11:50  **Session SS01: Fuzzy databases and applications 1**

*chair: Carlos D. Barranco González*

On Possibilistic Skyline Queries  
Patrick Bosc, Allel Hadjali and Olivier Pivert

A Fuzzy Valid-Time Model for Relational Databases Within the Hibernate Framework  
Jose Enrique Pons, Olga Pons Capote and Ignacio Blanco Medina

On the Use of a Fuzzy Object-Relational Database for Retrieval of X-rays on the Basis of Spine Curvature Pattern Similarities  
Sergio Jaime-Castillo, Juan Miguel Medina, Carlos D. Barranco and Antonio Garrido

A Fuzzy-Rule-Based Approach to the Handling of Inferred Fuzzy Predicates in Database Queries  
Allel Hadjali and Olivier Pivert

11:50-12:50  **Panel discussion: 'Can we afford flexibility in information systems?''**

*chair: Marcin Detyniecki*

12:50-14:30  Lunch

14:30-15:20  **Plenary talk P04: "Analyzing, structuring and understanding unstructured data as a starting point for flexible database access"**

by Michaël Brands and Alain Houf (Intersystems)  
*chair: Guy De Tré*

15:20-16:40  **Session S10: Query recommendation and interpretation**

*chair: Henning Christiaensen*

Which Should We Try First? Ranking Information Resources through Query Classification  
Amihai Motro and Joshua Church

Context Modelling for Situation-Sensitive Recommendations  
Stewart Whiting and Joemon Jose
Folksonomy Query Suggestion via Users’ Search Intent Prediction  
Chiraz Trabelsi, Bilel Moulahi and Sadok Ben Yahia

Factorizing Three-way Ordinal Data Using Triadic Formal Concepts  
Radim Belohlavek, Petr Osička and Vilem Vychodil

16:40-17:00  Coffee Break

17:00-18:20  Session SS02: Fuzzy databases and applications 2  
chair: Juan Miguel Medina Rodríguez

Flexible Content Extraction and Querying for Videos  
Utku Demir, Murat Koyuncu, Adnan Yazici, Turgay Yilmaz and Mustafa Sert

Bipolar SQLf: a Flexible Querying Language for Relational Databases  
Nouredine Tamani, Ludovic Liétard and Daniel Rocacher

On the Behavior of Indexes for Imprecise Numerical Data and Necessity Measured Queries under Skewed Data Sets  
Carlos D. Barranco, Jesús Roque Campaña, Juan Miguel Medina

Fuzzy Domains with Adaptable Semantics in an Object-Relational DBMS  
José Tomás Cadenas, Nicolás Marín and Maria-Amparo Vila

18:20-...  Closing
Instructions for speakers

Every speaker is entitled to speak for 20 minutes, including questions and answers. Due to the very tight schedule, we kindly ask that you respect these time limitations.

The conference lecture room will be equipped with a video beamer (resolution 1024 x 768; standard XGA). A Windows laptop for PowerPoint 2007 and PDF presentations will be provided. We kindly ask you to use the provided equipment instead of your own laptop to avoid technical problems! For all other types of video presentations, an own laptop must be used.

Speakers are requested to confirm their presentation to their session chair and to hand over the final version of their lecture for installation on the laptop to the staff member that will be present in the lecture room, at least 10 minutes before the start of the session or the start of the preceding invited talk in case the session is immediately preceded by an invited talk.
Organization

FQAS 2011 was co-organized by the Department of Communication, Business and Information Technologies at Roskilde University, Denmark, the Department of Telecommunications and Information Processing at Ghent University, Belgium, the Systems Research Institute, Polish Academy of Sciences, Poland, and the Department of Computer Engineering of Middle East Technical University, Turkey.

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Adnan Yazici, Middle East Technical University, Turkey
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Information about social events

Welcome reception at Ghent City Hall

Wednesday 26/10, 18:00 – 19:00
(location 2 in surroundings map)

Conference Dinner at Gravensteen Castle

Thursday 27/10, 19:15 – 23:00
(location 3 in surroundings map)

Wifi

Connection Parameters
Network name: UGentGuest
login: guestFqas
password: ****** (available on site)

Instructions
Make a wireless connection with "UGentGuest". If you have set up to request an IP address automatically, you will receive an IP address starting with 193.190.8x.

Now you are connected, but not yet authenticated. You should start a webbrowser and you will be redirected to a logon screen. Enter the username and password as mentioned above.

After correct authentication you can use the Internet connection.

Your connection to this wireless LAN is not encrypted. To protect your personal data, please use encrypted connections like https, imaps, ssh etc. or a VPN client.
Map of surroundings

1. Het Pand: conference location (26-28/10)
2. City Hall: welcome reception (26/10)
3. Gravensteen Castle: conference dinner (27/10)