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 Maria-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 Yilmaz,Adnan Yazici and YakupYildirim

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

10:30-11:20   **Plenary talk P02: "Design of Flexible Criteria Using Soft Computing Evaluation Logic" by Jozo Dujmovic**
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 Vojtás

Efficient and Effective Query Answering for Trajectory Cuboids
Elio Masciari

A Model for Analyzing and Visualizing Tabular Data
Ekaterina Simonenko, Nicolas Spyratos 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
Mohammedsharaf 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 Christiansen

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