

FQAS 2023 Program

Tuesday	September 5, 2023		
9:00 - 9:30	Opening		
9:30 - 10:30	Plenary Talk: Gabriella Pasi - Identifying Misinformation Online: Open Issues and Challenges		
10:30 - 11:00	Coffe Break		
11:00 - 13:00	Session: Flexible Queries over Semantic Systems <i>Chair: Ignacio Huitzil</i>	11:00 - 11:20	On Reducing Reasoning and Querying in Natural Logic to Database Querying <i>Troels Andreassen, Henrik Bulskov and Jørgen Fischer Nilsson</i>
		11:20 - 11:40	Diversifying top-k Answers in a Query by Example Setting <i>Grégory Smits, Marie-Jeanne Lesot, Olivier Pivert and Marek R Reformat</i>
		11:40 - 12:00	Flexible Classification, Question-Answering and Retrieval with Siamese Neural Networks for Biomedical Texts <i>Safaa Menad, Saïd Abdeddaim and Lina Fatima Soualmia</i>
		12:00 - 12:20	The promise of Query Answering systems in Sexuality: current state, challenges and limitations <i>Andrea Morales-Garzón, Gracia M. Sánchez-Pérez, Juan Carlos Sierra and Maria J. Martin-Bautista</i>
		12:20 - 12:40	Some Properties of the Left Recursive Form of the Convex Combination Linguistic Aggregator <i>Ignacio Huitzil and Fernando Bobillo</i>
		12:40 - 13:00	Knowledge Graph Enabled Open-Domain Conversational Question Answering <i>Joel Oduro-Afryie and Hasan Jamil</i>
13:00 - 14:30	Lunch		
14:30 - 15:50	Session: Advanced methods and applications in Natural Language Processing (NLP) <i>Chair: Karel Gutiérrez-Batista</i>	14:30 - 14:50	Automatic generation of coherent natural language texts <i>Oleksandr Marchenko and Mariam Isoieva</i>
		14:50 - 15:10	Interlingual Semantic Validation <i>Carolina Gallardo Pérez, Jesús Cardeñosa Lera and Samanta Baragaño González</i>
		15:10 - 15:30	How tasty is this dish? Studying user-recipe interactions with a rating prediction algorithm and Graph Neural Networks <i>Andrea Morales-Garzón, Roberto Morcillo-Jimenez, Karel Gutiérrez-Batista and Maria J. Martin-Bautista</i>
		15:30 - 15:50	"Let it BEE": Natural Language Classification of arthropod specimens based on their Spanish description <i>Bartolome Ortiz-Viso and Maria J. Martin-Bautista</i>
15:50 - 16:20	Coffe Break		
16:20 - 17:20	Session: New advances in disinformation detection <i>Chair: Jose A. Diaz-Garcia</i>	16:20 - 16:40	Bot Detection in Twitter: An overview <i>Salvador Lopez-Joya, J. Angel Diaz-Garcia, M. Dolores Ruiz and Maria J. Martin-Bautista</i>
		16:40 - 17:00	A fuzzy approach to detecting suspected disinformation in videos <i>J.D.T. Guerrero-Sosa, F.P. Romero, A. Montoro, V.H. Menendez, J. Serrano-Guerrero and J.A. Olivas</i>
		17:00 - 17:20	All trolls have one mission: An entropy analysis of political misinformation spreaders <i>Jose A. Diaz-Garcia and Julio Amador Díaz López</i>
17:40 - 18:40	EUSFLAT Assembly		

FQAS 2023 Program

Wednesday		September 6, 2023	
9:30 - 10:30	Plenary Talk: Michael Granitzer - OpenWebSearch.eu. Building an Open Web Index for an open web search ecosystem		
10:30 - 11:00	Coffe Break		
11:00 - 12:20	Session: Data and Text Mining Chair: M. Dolores Ruiz	11:00 - 11:20	A First Evolutionary Fuzzy Approach for Change Mining with Smart Bands <i>David Padilla, M. Asuncion Padilla-Rascon, Ruben Camara and Cristobal J. Carmona</i>
		11:20 - 11:40	Federated learning in healthcare with unsupervised and semi-supervised methods <i>Juan Paños Bastera, M. Dolores Ruiz and Maria J. Martin-Bautista</i>
		11:40 - 12:00	Exploring hidden anomalies in UGR'16 with Kitsune <i>Joaquin Gaspar Medina Arco, Roberto Magán-Carrión and Rafael A. Rodríguez-Gómez</i>
		12:00 - 12:20	An Orthographic Similarity Measure for Graph-based Text Representations <i>Maxime Deforche, Ilse De Vos, Antoon Bronselaer and Guy De Tré</i>
12:20 - 13:30	Lunch		
14:00 - 20:00	Social Activities		

FQAS 2023 Program

Thursday	September 7, 2023		
9:30 - 10:30	Plenary Talk: Hassane Essafi - Survey of Readiness Levels Methodologies		
10:30 - 11:00	Coffe Break		
11:00 - 13:00	Tutorial: Michael Brands - How to marry structured data and textual data in flexible query-answering		
13:00 - 14:30	Lunch		
14:30 - 15:50	Session: Applying AI to Social Science and Social Science to AI <i>Chairs: Bartolome Ortiz-Viso and Carlos Fernandez-Basso</i>	14:30 - 14:50	An unsupervised approach to extracting knowledge from the relationships between blame attribution on Twitter <i>Carlos Fernandez-Basso, Matija Franklin, Trisevgeni Papakonstantinou, Tianshu Chen and David Lagnado</i>
		14:50 - 15:10	"Health is the real wealth": Unsupervised approach to improve explainability in health-based recommendation systems <i>Bartolome Ortiz-Viso, Carlos Fernandez-Basso, Jesica Gómez-Sánchez and Maria J. Martin-Bautista</i>
		15:10 - 15:30	Are textual recommendations enough? Guiding physicians toward the design of machine learning pipelines through a visual platform <i>A. Vázquez-Ingelmo, A. García-Holgado, F.J. García Peñalvo, P. Pérez-Sánchez, P. Antúnez-Muiños, A. Sánchez-Puente, V. Vicente-Palacios, P.I. Dorado-Díaz and P.L. Sanchez</i>
		15:30 - 15:50	Detecting Multiple-Identity within the European Union: An interoperable solution <i>Francesca Tassinari</i>
15:50 - 16:20	Coffe Break		
16:20 - 17:20	Session: Artificial intelligence law and regulation <i>Chair: Javier Valls</i>	16:20 - 16:40	Methodology for analyzing the risk of algorithmic discrimination from a legal and technical point of view <i>Javier Valls Prieto</i>
		16:40 - 17:00	Data markets, data as wealth and its regulation <i>José Antonio Castillo Parrilla</i>
		17:00 - 17:20	Who is to blame? Responsibility attribution in AI systems vs human agents <i>Jesica Gómez-Sánchez, Cristina Gordo-Gordo, Matija Franklin, Carlos Fernandez-Basso and David Lagnado</i>
19:30 - 00:00	Gala dinner		