

Friday September 9, 2005

Time	
9:00-10:20	Parallel Sessions
	Fuzzy Cardinality Measures and Integrals II: JEL 152, 186, 192, 227. Chair: H. Román-Flores
9:00	JEL152: An axiomatization of trapezoidal membership functions defined on extensive structures. T. Marchant.
9:20	JEL186: Robust skin detection based on the fuzzy integral. A. Olano, A. Soria-Frisch, R. Verschae.
9:40	JEL192: Continuity of set defuzzification methods. H. Román-Flores, Y. Chalco-Cano, A. Flores-Franulic.
10:00	JEL227: Scalable, Fuzzy, Multiclassifier System. P. Bulacio, L. Magdalena, E. Tapia.
	Fuzzy Control II: JEL 189, 198, 203, 216. Chair: L.M. San José-Revuelta
9:00	JEL189: Tuning methodology for a fuzzy PI controller. Pierre-Yves Glorennec .
9:20	JEL198: Fuzzy Trajectory Control Design for Underwater Robot. J. Garus .
9:40	JEL203: Robust Output Fuzzy Control: Application to Vehicle Lateral Dynamics. M. Chadli, A. El Hajjaji.
10:00	JEL216: A Recursive SAM Fuzzy System for the Detection Performance Monitoring in Digital Communications Problems. L. M. San José-Revuelta.
	Data Bases and Data Mining: JEL 202, 210, 228, 230. Chair: R. Kruse
9:00	JEL202: About Cardinality-based Possibilistic Queries Against Possibilistic Databases. P. Bosch, N. Lietard, O. Pivert.
9:20	JEL210: Information Miner - a Data Analysis Platform. F. Rügheimer, R. Kruse.
9:40	JEL228: Towards a XML Fuzzy Structured Query Language. C. D. Barranco, J. R. Campaña, J. M. Medina.
10:00	JEL230: Manipulating fuzzy summaries of databases: unary operators and their properties. L. Naoum, G. Raschia, N. Mouaddib.
	Theory of Fuzzy Sets III: JEL 148, 218, 232, 245. Chair: H. Bustince
9:00	JEL148: Fitting Piecewise Linear Copulas to Data. H. De Meyer, B. De Baets.
9:20	JEL218: On some properties of mixing OWA operators. R. R. Yager, L. Troiano.
9:40	JEL232: Fuzzy regression analysis using trapezoidal fuzzy numbers. S. Charfeddine, K. Zbidi, F. Mora-Camino.
10:00	JEL245: Proximity Functions. Application to Fuzzy Thresholding. H. Bustince, V. Mohedano, E. Barrenechea, M. Pagola.
	S130-II: Intelligent Text and Web Mining and Retrieval Issues. 130-05 to 08. J.I. Blanco
9:00	S130-05: On flexible database querying via extensions to fuzzy sets. G. De Tré, R. De Caluwe J. Kacprzyk, S. Zadrozny.
9:20	S130-06: Using an Interlingua for Document Knowledge Representation. J. Cardeñosa, C. Gallardo, L. Iraola.
9:40	S130-07: Proposal of a Document Cluster Representation based on Fuzzy Deformable Prototypes. F.P. Romero, J.A. Olivas, P.J. Garcés.
10:00	S130-08: Gathering information on the Web using fuzzy linguistic agents and Semantic Web technologies. E. Herrera-Viedma, E. Peis, J.M. Morales-del-Castillo.

10:30-11:00	Coffee Break
11:00-13:00	Round Table: Technology. Chair: P. Bonisone. "Sala de Actos" – Vertex Building
13:00-14:30	Lunch: "Polimenu"
14:40-15:30	Plenary Session I: Vilem Novak. "Sala de Actos" – Vertex Building
15:30-16:50	Parallel Sessions
	Fuzzy Clustering and Classification: JEL 147, 171, 185, 206. Chair: V. Patrascu
15:30	JEL147: A Generalization of Gustafson-Kessel Algorithm using a New Constraint Parameter. V. Patrascu.
15:50	JEL171: Fuzzy Logic impact on the determination of the cereal transaction quality. A. A. Damak, M. Annabi.
16:10	JEL185: Identifying fuzzy systems from numerical data with Xfuzzy. I. Baturone, F. J. Moreno-Velo, A. Gersnoviez.
16:30	JEL206: Interval semimetric spaces for approximate distances. C. Coppola, T. Pacelli.
	Information Retrieval and Information access on the Web: JEL 141, 162, 188, 212. Chair: A. HadjAli
15:30	JEL141: Improving Document Ranking in Information Retrieval Using Ordered Weighted Aggregation and Leximin Refinement. M. Boughanem, Y. Loiseau, H. Prade.
15:50	JEL162: Weakening of Fuzzy Relational Queries: an Absolute Proximity Relation-Based Approach. P. Bosc, A. HadjAli, O. Pivert.
16:10	JEL188: Query Propagation in Possibilistic Information Retrieval Networks. A. H. Brini, L. M. de Campos, D. Dubois, M. Boughanem.
16:30	JEL212: A fuzzy set approach to concept-based information retrieval. M. Baziz, M. Boughanem, G. Pasi, H. Prade.
	S105-IV: Aggregation Operators. 105-13, 15, 17, 18. Chair: A. Kolesárová
15:30	S105-13: On affine sections of 1-Lipschitz aggregation operators. A. Kolesárová, E.P.Klement.
15:50	S105-15: Application of aggregation operators in regime-switching models for exchange rates. J. Komorník, M. Komorníková.
16:10	S105-17: Łukasiewicz filters and their Cartesian products. M. Kalina.
16:30	S105-18: k-Lipschitz strict triangular norms. R. Ghiselli-Ricci, R. Mesiar.
	S102: Neural, Neuro-Fuzzy and Statistical Learning Techniques. Chair: J.M. Benítez
15:30	S102-01: T-norms and t-conorms in multilayer perceptrons. C.J.Mantas.
15:50	S102-02: Interpretation of Support Vector Machines by means of Fuzzy Rule-Based Systems. J.L.Castro, L.D.Flores-Hidalgo, C.J.Mantas.
16:10	S102-03: Neuro-Fuzzy prediction of airborne pollen concentrations. J.L. Aznarte M., D. Nieto Lugilde, J. M.Benítez, C. De Linares Fernández.
16:30	S102-04: Building Fuzzy Classifiers with Pairwise Multiclass Support Vector Machines. J. M. Benítez, J. L. Castro, J. M. Puche.
17:00-17:30	Conference Closing