

Program of the 8th European Symposium on Computational Intelligence and Mathematics

October 5th – 8th, 2016, Sofia, Bulgaria



WEDNESDAY 5 th	
8:30	Open Registration Desk
9:00-9:30	Inauguration
9:30-10:30	Keynote: Fuzzy Signature Sets Are L-fuzzy László Kóczy
10:30-11:00	Coffee break
11:00-12:30	Session S1
	<i>Model Reduction Method Supported by Fuzzy Cognitive Map to Promote Circular Economy</i> Adrienn Buruzs, Miklós F. Hatwágner and László T. Kóczy
	<i>Analyzing the Process of Constructing Reducts in Multi-adjoint Concept Lattices</i> Maria Eugenia Cornejo, Jesús Medina, and Eloísa Ramírez-Poussa
	<i>Uncertainty Tolerance and Behavioral Stability Analysis of Fixed Structure Fuzzy Cognitive Maps</i> Miklós F. Hatwágner and László T. Kóczy
	<i>Towards Multi-adjoint Logic Programming with Negations</i> Maria Eugenia Cornejo, David Lobo and Jesús Medina
12:30-14:00	Lunch
14:00-15:00	Keynote: Bonds in a Fuzzy Environment Manuel Ojeda-Aciego
15:00-15:30	Coffee break
15:30-17:30	Session S2
	<i>Comparison of Krill Herd Algorithm and Flower Pollination Algorithm in Clustering Task</i> Piotr A. Kowalski, Szymon Łukasik, Małgorzata Charytanowicz and Piotr Kulczycki
	<i>On the Lower Limit of Possibilistic Correlation Coefficient for Identical Marginal Possibility Distributions</i> István Á. Harmati and Robert Fullér
	<i>Manipulating Positive and Negative Attributes in Implications</i> P. Cordero, M. Enciso, A. Mora, and J. M. Rodríguez-Jiménez
	<i>Attribute Reduction in Fuzzy Formal Concept Analysis from Rough Set Theory</i> M. José Benítez, Jesús Medina, and Dominik Ślęzak
	<i>On the n-ary Generalization of Dual Bonds</i> Ondrej Krídlo and Manuel Ojeda-Aciego
	<i>Toward the Use of the Contraposition Law in Multi-adjoint Lattices</i> Nicolás Madrid
18:00	Welcome reception

THURSDAY 6 th	
9:00-10:00	Keynote: On Pseudo-fixed Points of the Intuitionistic Fuzzy Quantifiers and Operators Krassimir Atanassov
10:00-11:00	Session S3
	<i>On a New Ordering between Intuitionistic Fuzzy Pairs</i> Peter Vassilev and Todor Stoyanov
	<i>Generalized Net for Coordination and Synchronization of Human and Computer-based Expert Type Decision Support Activities in a Multiagent Setting</i> Eulalia Szmidt, Evdokia Sotirova, Janusz Kacprzyk and Krassimir Atanassov
	<i>Enriching Prolog Systems by Means of Interval-valued Fuzzy Sets</i> Clemente Rubio-Manzano and Martin Pereira-Fariña
11:00-11:30	Coffee break
11:30-12:30	Keynote: Multi-adjoint Frameworks, towards a More Flexible Formal World Jesús Medina
12:30-13:30	Session S4
	<i>Characterizing the Join Irreducible Elements of Multi-adjointed Object-oriented Fuzzy Concept Lattices</i> Jesús Medina and Eloísa Ramírez-Poussa
	<i>Minimal Solutions of Finite Fuzzy Relation Equations on Linear Carriers by Cubes</i> Jesús Medina and Juan Carlos Díaz-Moreno
	<i>The Existence of Generalized Inverses of Fuzzy Matrices</i> Miroslav Ćirić and Jelena Ignjatović
13:30-15:00	Lunch
15:30	Tour
19:30	Gala dinner

FRIDAY 7 th	
10:00-11:00	Keynote: The IMBPC HVAC system: A Complete MBPC Solution for Existing HVAC Systems António E. Ruano
11:00-11:30	Coffee break
11:30-13:00	Session S5
	<i>Wavelet Analysis and Structural Entropy Based Intelligent Classification Method for Combustion Engine Cylinder Surfaces</i> Szilvia Nagy and Levente Solecki
	<i>Improving Twitter Gender Classification Using Multiple Classifiers</i> Marco Vicente, Fernando Batista and Joao P. Carvalho
	<i>Exploiting Dynamics in Social Recommender Systems</i> Gergely Pósfai, Gábor Magyar and László T. Kóczy
	<i>Generalized Aggregation Functions and Quality Indicators in Overall Telecommunication Network Models: Some Open Issues</i> Stoyan Poryazov and Emiliya Saranova
13:00-14:30	Lunch and Closing

SATURDAY 8 th	
10:00	Round table: 5 th International Workshop on Mathematics and Soft Computing
12:00	Round table: 8 th Győr Symposium on Computational Intelligence