

Scientific Program

Monday – June 16, 2014

09:00 – 09:15	Registration	
09:15 – 09:30	Opening ceremony	
09:30 – 10:30	Invited Talks 1 Chairman: H.Bustince	
	Radko MESIAR	<i>Aggregation functions on bounded lattices and their classification.</i>
10:30 – 11:00	Coffee break	
11:00 – 12:15	Session I Chairman: H.Bustince	
11:00 – 11:25	Jean-Luc MARICHAL and Bruno TEHEUX	<i>Preassociativity for aggregation functions</i>
11:25 – 11:50	I. LIZASOAIN and G. OCHOA	<i>An orness measure for OWA operators defined on finite complete lattices</i>
11:50 – 12:15	Funda KARAÇAL, Ümit ERTUĞRUL and Radko MESIAR.	<i>Characterization of Uninorms on Bounded Lattices</i>
12:25 – 15:00	Lunch	
15:00 – 15:50	Session II Chairman: S. Bodjanova	
15:00 – 15:25	Andrea STUPNANOVA	<i>Interval - valued decomposition integrals</i>
15:25 – 15:50	Salvatore GRECO, Radko MESIAR, Ladislav SIPEKY and Fabio RINDONE	<i>Superadditive and subadditive extensions of aggregation functions</i>
15:50 – 16:20	Coffee break	
16:20 – 17:35	Session III Chairman: M.Demirci	
16:20 – 16:45	Javier FERNANDEZ, Humberto BUSTINCE, Daniel PATERNAIN, Aranzazu JURIO, Radko MESIAR and Anna KOLESAROVA	<i>Homogeneity in a Cartesian product of lattices</i>
16:45 – 17:10	Humberto BUSTINCE, Laura DE MIGUEL, Edurne BARRENECHEA, Miguel PAGOLA, Radko MESIAR and Anna KOLESAROVA	<i>Penalty functions in a Cartesian product of lattices</i>
17:10 – 17:35	Lemnaouar ZEDAM	<i>T-preordered linear spaces</i>

Tuesday – June 17, 2014

09:00 – 10:00	Invited Talks 2 Chairman: F.Karacal
	I.Burhan TÜRKŞEN <i>From Hierarchy of the Levels of Theoretical Inquiry to Full Type 2 Fuzzy System Models</i>
10:00 – 10:30	Coffee break
10:30 – 12:10	Session IV Chairman: F.Karacal
10:30-10:55	Orhan KESEMEN, Buğra Kaan TIRYAKI and Özge TEZEL <i>A New Method for Fuzzy Ranking for Fuzzy Numbers</i>
10:55-11:20	Orhan KESEMEN and Eda ÖZKUL <i>Fuzzy Clustering for Line-Segments in Digital Images with Multi Parameters</i>
11:20-11:45	Orhan KESEMEN, Yeşim YEGİNOĞLU and Çiğdem GÜNGÖR <i>Multi Decision of Determining the Location of Dominant Point in Digital Images by Multi Local Methods</i>
11:45-12:10	Orhan KESEMEN, Özge TEZEL and Buğra Kaan TIRYAKI <i>Fuzzy Similarity Measure for Geometric Shapes in Digital Images</i>
12:10 – 15:00	Lunch
15:00 – 16:15	Session V Chairman: M.Couceiro
15:00 – 15:25	Orhan KESEMEN, Nasim JABBARİ and Merve KESİM <i>Automatic Detection of Fuzzy Segment of Musical Notes Using Weighted Fuzzy c-Means Clustering With Optimal Segment Numbers</i>
15:25 – 15:50	Anna KOLESAROVA and Radko MESIAR <i>Aggregation on $L_k([0; 1])$</i>
15:50 – 16:15	Slavka BODJANOVA <i>T-norm-based comparisons of fuzzy sets</i>
16:15-16:45	Coffee break
16:45-17:45	ROUND TABLE: B.De Baets , M.Couceiro and R.Mesiar

Wednesday – June 18, 2014

09:00 – 10:00	Invited Talks 3 Chairman: R.Mesiar
	Bernard DE BAETS <i>Aggregation of Structured Objects</i>
10:00 – 10:30	Coffee break
10:30 – 12:10	Session VI Chairman: R.Mesiar
10:30-10:55	Jana SPIRKOVA <i>Directional Monotonicity of Mixture Functions</i>
10:55 – 11:20	Barbara PEKALA <i>Properties of aggregation process on complete lattices</i>
11:20 – 11:45	Ewa RÁK and Paweł DRYGAŚ <i>Distributivity equation between Aggregation Operators on Bounded Lattice</i>
11:45 – 12:10	Urszula BENTKOWSKA, Józef DREWNIAK and Paweł DRYGAŚ <i>Domination of Operations on Lattices and Bounded Lattices</i>
12:10 – 15:00	Lunch
15:00 – 16:00	Invited Talks 4 Chairman: B.Turksen
	Djavvat KHADJIEV <i>Integral V -distributive aggregation functions on lattices</i>
16:00 – 16:30	Coffee break
16:30 – 17:45	Session VII Chairman: B.Turksen
16:30-16:55	M. Nesibe KESİCİOĞLU, Funda KARAÇAL and Radko MESIAR <i>About The Equivalence Classes of Triangular Norms</i>
16:55-17:20	Dana HLINENA, Martin KALÍNA and Pavol KRAL <i>Order-equivalence of T-norms</i>
17:20-17:45	Slavka BODJANOVA and Martin KALÍNA <i>L-valued Fuzzy Sets, their Coarsening and P-level Sets</i>

Thursday – June 19, 2014

- 09:00 – 10:00 **Invited Talks 5**
Chairman: D.Khadjiev
- Mustafa DEMIRCI
Topological Duality of Aggregation Operators
- 10:00 – 10:30 **Coffee break**
- 10:30 – 12:10 **Session VIII**
Chairman: D.Khadjiev
- 10:30 – 10:55 Halas RADOMIR and Pocs JOZEF
On Generalized One-Sided Concept Lattices with Attribute Preferences
- 10:55 – 11:20 Lubomir ANTONI, Stanislav KRAJCI and Ondrej KRIDLÓ
Aggregations on an object-attribute model with complete lattices
- 11:20 – 11:45 Mária BOHDALOVÁ, Martin KALINA and Olga NÁNÁSIOVÁ
Modelling of weakly Additive Copulas on MV-Algebras
- 11:45 – 12:10 Olga NANASIOVA and Jaroslaw PYKACZ
Modelling on partially ordered sets
- 12:10 – 15:00 **Lunch**
- 15:00 – 16:00 **Invited Talks 6**
Chairman: B.De Baets
- Miguel COUCEIRO
Lattice theoretic tools in ordinal aggregation and qualitative decision making
- 16:00-16:30 **Coffee break**
- 16:30 – 17:20 **Session IX**
Chairman: B.De Baets
- 16:30-16:55 Funda KARAÇAL, M. Akif İNCE, Radko MESIAR
Nullnorms on Bounded Lattices
- 16:55-17:20 Paweł DRYGAŚ
Nullnorms on Bounded Lattices
- 17:20-17:45 **Closing ceremony**