

Monday (July 20th) — at Instituto Superior Técnico, Civil Engineering Building

Room	VA1	VA2	VA3		
09:00-12:00	A Unified View of Uncertainty Theories (D. Dubois)	Fuzzy modeling: fundamentals, design and challenges (W. Pedrycz)	A primer on cluster analysis / Visual clustering methods (J. Bezdek)		
12:00-14:00	Lunch				
14:00-15:00	Soft Computing for Sensor and Algorithm Fusion (J. Keller)	Introduction to Fuzzy Networks (A. Gegov and N. Petrov)			
15:00-17:00				IFSA Council Meeting (Holiday Inn Lisboa)	
17:00-20:00	Opening Session and Welcome Reception (at Palácio Galveias, 200m. from Instituto Superior Técnico)				

Tuesday (July 21st)

Room	Auditório 2	Auditório 3	Sala 1	Sala 2	Sala 3
9:00-9:50	Plenary Talk - K. Hirota: "Casual Communication with Robots using Speech Recognition Module" (Auditório 2)				
9:50-10:10	Coffee Break				
10:10-11:50	SS02 - Advances in Soft Computing Applied to Databases and Information Systems - Part 1	SS29 - Decision Making in Fuzzy Environments Part 1	SS10 - Mathematical Fuzzy Logic - Part 1 Foundations	SS11 - Machine Learning and Data Mining - Part 1 Machine Learning	SS32 - Philosophical, Sociological and Economical Thinking - Part 1
12:00-13:00	Formal Concept Analysis	Decision	SS07 - Solvability of Fuzzy Relation Equations and Fuzzy Interpolation - Part 1 Solvability	Feature Selection	SS32 - Philosophical, Sociological and Economical Thinking - Part 2
13:00-14:20	Lunch				
14:20-16:00	SS02 - Advances in Soft Computing Applied to Databases and Information Systems - Part 2	SS29 - Decision Making in Fuzzy Environments Part 2	SS10 - Mathematical Fuzzy Logic - Part 2 Algebraic Aspects	SS11 - Machine Learning and Data Mining - Part 2 Data Mining	Human-centered Systems
16:00-16:20	Coffee Break				
16:20-18:00	SS02 - Advances in Soft Computing Applied to Databases and Information Systems - Part 3	SS27 - Soft Computing in Finance	Uncertainty	Hybrid Systems	SS17 - Computing With Words, Actions and Perceptions
18:00-19:30	EUSFLAT Assembly				

Wednesday (July 22nd)

Room	Auditório 2	Auditório 3	Sala 1	Sala 2	Sala 3
9:00-9:50	Plenary Talk - E. Hüllermeier: "Fuzzy Logic in Machine Learning" (Auditório 2)				
9:50-10:10	Coffee Break				
10:10-11:50	SS04 - Fuzzy and Possibilistic Optimization - Part 1	Fuzzy Relations	SS10 - Mathematical Fuzzy Logic - Part 3 Knowledge Representation	SS15 - Interpretability of Fuzzy systems: Theory and Applications	SS03 - Fuzzy Transforms, Time Series and Other Applications - Part 1 F-Transforms
12:00-13:00	SS04 - Fuzzy and Possibilistic Optimization - Part 2	SS30 - Soft Computing in Medical Imaging	Fuzzy Algebra	Linguistic Fuzzy Systems	SS07 - Solvability of Fuzzy Relation Equations and Fuzzy Interpolation - Part 2 Fuzzy Interpolation
13:00-14:20	FSS Board Meeting	Lunch			
14:20-16:00	ROUND TABLE - The Future of Fuzzy Logic	SS24 - Soft Computing in Image Processing and Computer Vision - Part 1	SS22 - Fuzzy Measures and Integrals - Part 1	SS21 - New Advances on Genetic Fuzzy Systems - Part 1	Process Control
16:00-16:20	Coffee Break				
16:20-18:00	SS26 - Fuzzy Models and Fuzzy Arithmetic in Economics and Business	SS23 - Fuzzy Geographical Information	SS22 - Fuzzy Measures and Integrals - Part 2	SS21 - New Advances on Genetic Fuzzy Systems - Part 2	SS03 - Fuzzy Transforms, Time Series and Other Applications - Part 2 Time Series
18:00-19:30	IFSA Council Meeting				

Thursday (July 23rd)

Room	Auditório 2	Auditório 3	Sala 1	Sala 2	Sala 3
9:00-9:50	Plenary Talk - M. Grabisch: "Capacities and the Choquet Integral in Decision Making: a Survey of Fundamental Concepts and Recent Advances" (Auditório 2)				
9:50-10:10	Coffee Break				
10:10-11:50	SS24 - Soft Computing in Image Processing and Computer Vision - Part 2	SS13 - Inter-relation Between Interval and Fuzzy Techniques	SS08 - Aggregation Operators - Part 1	SS21 - New Advances on Genetic Fuzzy Systems - Part 3	SS12 - Type-2 Fuzzy Logic, Advances and Applications - Part 1
12:00-13:00	Attribute Domain Granulation	Management Science	Non-classical Algebras and Bags	Control	SS20 - Intuitionistic Fuzzy Sets I (Interval Valued Sets)
13:00-14:20	Lunch				
14:20-16:00	SS14 - Advances in Soft Computing for Spatiotemporal Information Systems	SS19 - Fuzzy Numbers and Fuzzy Arithmetic - Part 1	SS08 - Aggregation Operators - Part 2	Clustering	Approximate Reasoning
16:00-16:20	Coffee Break				
16:20-18:00	SS06 - Soft-computing for Web 2.0 and Semantic Web	SS19 - Fuzzy Numbers and Fuzzy Arithmetic - Part 2	SS22 - Fuzzy Measures and Integrals - Part 3	Data Analysis	SS12 - Type-2 Fuzzy Logic, Advances and Applications - Part 2
18:00-23:00	Conference Banquet (Pátio Alfacinha)				

Friday (July 24th)

Room	Auditório 2	Auditório 3	Sala 1	Sala 2	Sala 3
9:00-9:50	Plenary Talk - H. Nurmi: "Fuzzy Systems, Choice Paradoxes and Optimal Committees" (Auditório 2)				
9:50-10:10	Coffee Break				
10:10-11:50	SS05 - Fuzzy Differential Equations - Part 1	SS18 - New trends in Fuzzy Reasoning of Robotic Systems	SS29 - Decision Making in Fuzzy Environments Part 3	Applications of Fuzzy Systems	SS20 - Intuitionistic Fuzzy Sets II
12:00-13:00	SS05 - Fuzzy Differential Equations - Part 2	SS31 - Medical Concepts in Soft Computing	SS09 - Fuzzy Sets in Computational Biology	Combinatorial Problems	
13:00-14:20	Lunch				
14:20-16:00	ROUND TABLE (Type 2 or not Type 2?)	SS24 -Soft Computing in Image Processing and Computer Vision - Part 3	SS28 - Topics in Decision-Making Using Fuzzy Sets	SS01 - Recent Advances in Evolving Fuzzy Systems	
16:00-16:20	Coffee Break				
16:20-18:00	Mathematics	SS24 - Soft Computing in Image Processing and Computer Vision - Part 4	Decision Analysis		Classification