

IPMU 2016 session content

SS05: Fuzzy Measures and Integrals	Tu1, Tu5 and Tu9	
Tu 21, 10:50	7	Radko Mesiar and Andrea Stupnanova. Decomposition integral based generalizations of OWA operators
Tu 21, 11:10	28	Pedro Miranda and Michel Grabisch. Finding the set of k-additive dominating measures viewed as a flux problem
Tu 21, 11:30	29	Christophe Labreuche. On capacities characterized by two weight vectors
Tu 21, 11:50	30	Lukáš Adam and Tomas Kroupa. Computing Superdifferentials of Lovász Extension With Application to Coalitional Games
Tu 21, 12:10	34	Mikhail Timonin. Conjoint axiomatization of the Choquet integral for heterogeneous product sets
Tu 21, 15:00	8	Ladislav Šipeky, Alexandra Šipošová and Radko Mesiar. Aggregation of Choquet integrals
Tu 21, 15:20	37	Aoi Honda and Yoshiaki Okazaki. Inclusion-exclusion integral and t-norm based data analysis model construction
Tu 21, 15:40	48	Leary Tomlin, Derek Anderson, Christian Wagner, Timothy Havens and James Keller. Fuzzy Integral for Rule Aggregation in Fuzzy Inference Systems
Tu 21, 16:20	56	Eiichiro Takahagi. On a fuzzy integral as the product-sum calculation between a set function and a fuzzy measure
Tu 21, 16:40	92	Brice Mayag. A 2-additive Choquet integral model for French hospitals rankings in weight loss surgery
Tu 21, 17:00	116	Marta Cardin. Benchmarking over distributive lattices
SS08: Uncertainty Quantification with Imprecise Probability	Tu2	
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Tu 21, 11:10	11	Ignacio Montes and Enrique Miranda. Bivariate p-boxes and maxitive functions
Tu 21, 11:30	97	Gero Walter and Frank Coolen. Sets of Prior Distributions for Reflecting Prior-Data Conflict and Strong Prior-Data Agreement
Tu 21, 11:50	101	Frank Coolen, Yi-Chao Yin and Tahani Coolen-Maturi. On imprecise statistical inference for accelerated life testing
Tu 21, 12:10	74	Pavel Kovanic. The Mathematical Gnostics - Advanced Data Analysis
Textual Data Processing	Tu3	
Tu 21, 10:50	9	Albert Gatt, Nicolás Marín, François Portet and Daniel Sanchez. The role of graduality for referring expression generation in visual scenes
Tu 21, 11:10	130	Akshay Jain, Tianqi Jiang and Jim Keller. Impact of the Shape of Membership Functions on the Truth Values of Linguistic Protoform Summaries
Tu 21, 11:30	155	Slawomir Zadrozny, Janusz Kacprzyk and Marek Gajewski. A Solution of the Multiaspect Text Categorization Problem by a Hybrid HMM and LDA Based Technique
Tu 21, 11:50	83	Sébastien Lefort, Marie-Jeanne Lesot, Elisabetta Zibetti, Charles Tijus and Marcin Detyniecki. How much is "about"? Fuzzy interpretation of approximate numerical expressions
Tu 21, 12:10	58	Carlos Molina, Belen Prados-Suarez and Daniel Sanchez. Scenario Query based on Association Rules (SQAR)

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SS13 - Belief Function Theory and Its Applications	Tu4	
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Tu 21, 11:30	85	Sabrine Mallek, Imen Boukhris, Zied Elouedi and Eric Lefevre. Evidential Missing Link Prediction in Uncertain Social Networks
Tu 21, 11:50	110	Quentin Labourey, Olivier Aycard, Denis Pellerin, Michèle Rombaut and Catherine Garbay. An evidential filter for indoor navigation of a mobile robot in dynamic environment
Tu 21, 12:10	124	Emmanuel Ramasso. A solution for the learning problem in Evidential (Partially) Hidden Markov Models based on Conditional Belief Functions and EM

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Tu 21, 15:20	78	Hamza Agli, Philippe Bonnard, Christophe Gonzales and Pierre-Henri Wuillemin. Incremental Junction Tree Inference
Tu 21, 15:40	117	Matthieu Hourbracq, Christophe Gonzales, Pierre-Henri Wuillemin and Philippe Baumard. Real time learning of non-stationary processes with dynamic Bayesian Networks

SS07: Fuzzy Implication Functions	Tu7 and Tu11	
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Tu 21, 17:00	15	Madalina Croitoru, Patrice Buche, Brigitte Charnomordic, Jerome Fortin, Hazael Jones, Pascal Neveu, Danai Symeonidou and Rallou Thomopoulos. A Proposal for Modelling Agrifood Chains as Multi Agent Systems
Tu 21, 17:20	36	Ahmed Samet, Tien Tuan Dao, Théophile Gaudin, Huiling Lu, Anne Wadouachi, Gwladys Pourceau, Elisabeth Van Hecke, Isabelle Pezron and Karim El Kirat. Predictive model based on the evidence theory for assessing Critical Micelle Concentration property

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Wed 22, 10:40	70	Pavel Vlašánek and Irina Perfilieva. Image Reconstruction by the Patch Based Inpainting
Wed 22, 11:00	77	Carlos Lopez-Molina, Cedric Marco-Detchart, Javier Fernandez, Juan Cerron, Mikel Galar and Humberto Bustince. Similarity measures for radial data
Wed 22, 11:20	113	F. Xavier Aymerich, Pilar Sobrevilla, Eduard Montseny and Alex Rovira. Application of a Mamdani-Type Fuzzy Rule-Based System to Segment Periventricular Cerebral Veins in Susceptibility-Weighted Images
Wed 22, 11:40	125	Daniel Paternain, Gustavo Ochoa, Inmaculada Lizasoain, Edurne Barrenechea, Humberto Bustince and Radko Mesiar. On the use of lattice OWA operators in image reduction and the importance of the orness measure
Wed 22, 15:00	127	J. Tinguaro Rodríguez, Carely Guada, Daniel Gómez, Javier Yáñez and Javier Montero. A Methodology for Hierarchical Image Segmentation Evaluation
Wed 22, 15:20	134	Martins Kokainis and Svetlana Asmuss. Higher Degree F-transforms Based on B-splines of Two Variables
Wed 22, 15:40	135	Manuel González-Hidalgo, Sebastia Massanet, Arnau Mir and Daniel Ruiz-Aguilera. Gaussian Noise Reduction Using Fuzzy Morphological Amoebas

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Wed 22, 15:20	133	María Eugenia Cornejo Piñero, Jesús Medina Moreno and Eloisa Ramírez Poussa. Reduct-irreducible α -cut concept lattices: an efficient reduction procedure to multi-adjoint concept lattices
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Th 23, 11:10	40	Diadie Sow, Abdelhak Imoussaten, Pierre Couturier and Jacky Montmain. A qualitative approach to set achievable goals during the design phase of complex systems
Th 23, 11:30	75	Laura De Miguel Turullols, Edurne Barrenechea, Miguel Pagola, Aránzazu Jurío, Jose Antonio Sanz, Mikel Elkano and Humberto Bustince. Unbalanced OWA Operators for Atanassov Intuitionistic Fuzzy Sets
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