LINZ 2006

27th Linz Seminar on Fuzzy Set Theory

Preferences, Games and Decisions

Bildungszentrum St. Magdalena, Linz, Austria
February 7–11, 2006

Program

Tuesday, February 7, 2006

09:00–10.00 am	M. GRABISCH: *Games on lattices: A survey of results*
10:00–10:30 am	I. KOJADINOVIC: *Approximation and identification of capacities and bi-capacities using a minimum distance principle*
	10:30 am Coffee break
11:00–12:00 am	D. DUBOIS, H. FARGIER: *Bridging the gap between discrete Sugeno and Choquet integrals*
12:00–12:30 pm	W. SANDER: *Fuzzy interaction values*
	12:30 pm Lunch
02:30–03:30 pm	A. BILLOT, J. THISSE: *The Möbius value: A generalized solution for cooperative games*
03:30–04:00 pm	J. BARONE: *Fuzzy truth, partial truth, and games*
	04:00 pm Coffee break
04:30–05:15 pm	D. BUTNARIU: *On equilibrated strategies in non-cooperative games with fuzzy information*
05:15–06:00 pm	R. BERGHAMMER, P. EKLUND, M. ROUBENS, A. RUSINOWSKA, H. DE SWART: *An interdisciplinary approach to coalition formation*
	07:00 pm Meeting Program Committee (Trattoria Einstein)

Wednesday, February 8, 2006

09:00–10:00 am	D. BOUYSSOU: *A conjoint measurement view on fuzzy integrals*
10:00–10:30 am	B. MENONI: *Decision making when one is facing doubt regarding the consequences of their actions*
	10:30 am Coffee break
11:00–11:45 am	E. PAP: *Representation of the sign dependent expected utility functional as a difference of two fuzzy integrals*
11:45–12:30 pm	S. SAMINGER, D. DUBOIS, R. MESIAR: *On consensus functions in the bipolar case*
	12:30 pm Lunch
02:30–03:15 pm	T. MARCHANT: *A measurement-theoretic axiomatization of trapezoidal membership functions defined on extensive structures*
03:15–04:00 pm	R. BISDORFF, P. MEYER, M. ROUBENS: *The* RUBY *method for the recommendation of a best choice from a bipolar outranking relation*
	04:00 pm Coffee break
04:30–05:00 pm	L. KÓCZY, L. LAUWERS: *The minimal dominant set is a non-empty core-extension*
05:00–06:00 pm	ROUND TABLE I: *Fuzzy integrals*

Thursday, February 9, 2006

09:00–10:00 am	T. MUROFUSHI: *Inclusion-exclusion families with respect to set function*
10:00–10:30 am	J. FODOR: *Nonstrict bisymmetric aggregation operators revisited*

        10:30 am   Coffee break

11:00–11:45 am	K. MAES, B. DE BAETS: *Contour lines of rotation-invariant t-norms*
11:45–12:30 pm	M. TAKÁCS: *Uninorm-based approximate reasoning models*

        12:30 pm   Lunch

01:45 pm	Beginning of the Social Program

        02:30 pm   Meeting point "Alter Markt"
for the Guided Tour "The Jewish Linz" (with Casimir Paltinger)
followed by a "Kaffeejause" in a Cafeteria downtown

        07:00 pm   Conference Dinner (Bildungszentrum St. Magdalena)
with „10 saiten 1 bogen" – Herwig Strobl (Bracciola d'amore), Ivo Truhlar (Guitar)
Jiddish songs, Chassidic dances, and music from the Danube region

Friday, February 10, 2006

09:00–10:00 am	B. DE BAETS: *A machine learning approach to multi-criteria aggregation*
10:00–10:30 am	I. BEG, S. MAZHAR: *Fuzzy transitive relations*

        10:30 am   Coffee break

11:00–12:00 am	H. DE MEYER, B. DE BAETS: *Stochastic dominance revisited*
12:00–12:30 pm	B. DE BAETS, H. DE MEYER, M. ROUBENS: *On possibilistic dominance*

        12:30 pm   Lunch

02:00–03:00 pm	J.-L. MARICHAL: *Cumulative distribution functions and moments of weighted lattice polynomials*
03:00–03:45 pm	P. SARKOCI: *Dominance of continuous triangular norms and its transitivity*

        03:45 pm   Coffee break

04:15–05:00 pm	J. DOMBI, Zs. GERA, N. VINCZE: *On preferences related to aggregative operators and their transitivity*
05:00–06:00 pm	ROUND TABLE II: *Games*

Saturday, February 11, 2006

09:00–09:45 am	G. BUSANELLO, G. COLETTI, R. SCOZZAFAVA, B. VANTAGGI: *Representing comparative aggregate likelihoods*
09:45–10:30 am	P. VOJTÁŠ, M. VOMLELOVÁ: *Learning fuzzy logic aggregation for multicriterial querying with user preferences*

        10:30 am   Coffee break

11:00–11:30 am	D. RADOJEVIĆ: *Generalized preference structures based on interpolative Boolean algebra*
11:30–12:00 am	W. KOSINSKI, P. PROKOPOWICZ: *Calculation and control with ordered fuzzy numbers*

        12:30 pm   Lunch