Program

Tuesday, February 1, 2005

09:00–10.00 am   F. ESTEVA: *From t-norms to t-norm based logics*

10:00–10:30 am   L. N. STOUT: *A categorical semantics for fuzzy predicate logics*

      10:30 am   Coffee Break

11:00–12:00 am   S. JENEI: *Geometry of associativity ─ theory and application*

12:00–12:30 pm   A. DI NOLA, A. LETTIERI, P. BELLUCE: *On symmetric MV-polynomials*

      12:30 pm   Lunch

02:30–03:30 pm   U. HÖHLE: *Sheaves on quantales*

03:30–04:00 pm   A. FRASCELLA, C. GUIDO: *Topological categories of L-sets and (L,M)-topological spaces based on structured lattices*

      04:00 pm   Coffee Break

04:30–05:30 pm   S. E. RODABAUGH: *Necessary and sufficient conditions for powersets in Set and Set × C to form algebraic theories*

05:30–06:00 pm   U. HÖHLE, T. KUBIAK: *Approximating orders in meet-continuous lattices and subbasic characterizations of regularity type axioms*

      07:00 pm   Meeting Program Committee (Trattoria Einstein)

Wednesday, February 2, 2005

09:00–10:00 am   D. BUTNARIU, M. NAVARA, T. VETTERLEIN: *Linear space of fuzzy vectors*

10:00–10:30 am   D. DUBOIS, H. PRADE: *Fuzzy intervals versus fuzzy numbers: is there a missing concept in fuzzy set theory?*

      10:30 am   Coffee Break

11:00–11:30 am   E.P.KLEMENT, R. MESIAR, E.PAP: *Sections of triangular norms*

11:30–12:00 am   A. DI NOLA, I. ESPOSITO, B. GERLA: *Local MV-algebras and their representations*

12:00–12:30 pm   R. BĚLOHLÁVEK, V. VYCHODIL: *If-then rules from data tables with fuzzy attributes*

      12:30 pm   Lunch

02:30–03:15 pm   S. GOTTWALD: *An abstract approach toward evaluation of fuzzy rule systems*

03:15–04:00 am   P. CINTULA, E.P. KLEMENT, R. MESIAR, M. NAVARA: *On the special role of the Hamacher product in fuzzy logics*

      04:00 pm   Coffee Break

04:30–06:00 pm   ROUND TABLE: *Algebra and Logic* (U. HÖHLE)

      06:00 pm   Meeting Editorial Board Fuzzy Sets and Systems

Thursday, February 3, 2005

09:00–09:30 am	A. CIABATTONI, G. METCALFE, F. MONTAGNA: *Adding modalities to fuzzy logics (Part I)*
09:30–10:30 am	A. CIABATTONI, G. METCALFE, F. MONTAGNA: *Adding modalities to fuzzy logics (Part II)*
	10:30 am Coffee Break
11:00–11:30 am	P. MURINOVÁ, V. NOVÁK: *Omitting types in fuzzy predicate logics*
11:30–12:00 am	S. LEHMKE: *Inconsistency and refutation in type-2 fuzzy logics*
12:00–12:30 pm	M. SHIMODA: *A natural fuzzy equivalence relation*
	12:30 pm Lunch
02:00–6:00 pm	EXCURSION: *Monastery Schlierbach* (http://www.stift-schlierbach.at)
	07:00 pm Dinner (Mostbauer)

Friday, February 4, 2005

09:00–10:30 am	H. ONO: *Fuzzy logics and substructural logics*
	10:30 am Coffee Break
11:00–12:00 am	P. HÁJEK, P. CINTULA: *On theories and models in fuzzy predicate logics*
12:00–12:30 pm	T. VETTERLEIN: *BL- and MTL-algebras as partial structures*
	12:30 pm Lunch
02:30–03:00 pm	L. BĚHOUNEK, P. CINTULA: *Relations in higher-order fuzzy logic I*
03:00–03:30 pm	L. BĚHOUNEK, P. CINTULA: *Relations in higher-order fuzzy logic II*
03:30–04:00 pm	U. BODENHOFER, L. BĚHOUNEK, P. CINTULA: *Relations in higher-order fuzzy logic III*
	04:00 pm Coffee Break
04:30–06:00 pm	ROUND TABLE: *Mathematical Fuzzy Logics* (P. HÁJEK)

Saturday, February 5, 2005

09:00–10:30 am	M. BAAZ: *Herbrand's Theorem and the Skolemization of prenex fragments*
	10:30 am Coffee Break
11:00–11:45 am	I. PERFILIEVA: *Semi-linear spaces and their bases*
11:45–12:30 pm	V. NOVÁK: *A comprehensive theory of evaluating linguistic expressions in fuzzy logic*
	12:30 pm Lunch