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LOCATION OF THE SEMINAR

Bildungszentrum St. Magdalena
Schatzweg 177, A-4040 Linz (Austria)
Phone: ++43 732 25 30 41 - 0

Meals

Breakfast 8:00 a.m.
Lunch 12:45 p.m.

Exchange of foreign currency

Monday, September 9, 1:00 p.m. - 2:30 p.m.

SOCIAL PROGRAM

Sunday, September 8, 1991

7:30 p.m. - 10:00 p.m. Informal Get-together

Wednesday, September 11, 1991

1:30 p.m. - 11:00 p.m. Excursion by bus into the
Wachau (Dürnstein), Wine Tasting and Dinner at
the Winery Wimmer-Czerny (Fels am Wagram)

Uncertainty Measures

13th LINZ SEMINAR on FUZZY SET THEORY 1991

Program

Bildungszentrum St. Magdalena
Linz, Austria

September 9 - 13, 1991

PROGRAM

All sessions are held in Vortragssaal 1

Morning Session 1	9:00 a.m. – 10:30 a.m.
Coffee Break	10:30 a.m. – 11:00 a.m.
Morning Session 2	11:00 a.m. – 12:30 p.m.
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Afternoon Session 1	2:30 p.m. – 4:00 p.m.
Coffee Break	4:00 p.m. – 4:30 p.m.
Afternoon Session 2	4:30 p.m. – 6:00 p.m.

Monday, September 9, 1991

- 9:00 a.m. OPENING SESSION
- 9:30 a.m. Alain Chateaufeuf (Paris)
Bayesian conditioning and convex lower probabilities (with J.Y. Jaffray)
- 11:00 a.m. Costas A. Drossos (Patras)
Fuzzy Boolean powers and fuzzy probability (with P. Theodoropoulos and M. Shakhathreh)
- 11:45 a.m. S.K.M. Wong (Regina)
Decision-making under uncertainty
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- 2:30 p.m. Wolfgang Näther (Freiberg)
Fuzzy data analysis in a fuzzy measure environment
- 3:15 p.m. Aldo Ventre (Napoli)
Expected utility and decomposability
- 4:30 p.m. Endre Pap (Novi Sad)
Decomposable measures and their applications
- 5:00 p.m. ROUND TABLE I (Chair U. Höhle)
"The role of belief functions"

Tuesday, September 10, 1991

- 9:00 a.m. Didier Dubois (Toulouse)
Conditioning outside probability (with H. Prade)
- 9:45 a.m. Angelo Gilio (Roma)
Conditional events and coherence conditions in management of uncertainty
- 11:00 a.m. Daniele Mundici (Milano)
Uncertainty measures in MV-algebras, and states of AF C-algebras*
- 12:00 a.m. Beloslav Riečan (Bratislava)
On fuzzy models of quantum mechanics
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- 1:30 p.m. MEETING PROGRAM COMMITTEE
- 2:30 p.m. Siegfried Weber (Bogotá)
Measures on MV-algebras, and the problem of conditioning
- 3:30 p.m. Radko Mesiar (Bratislava)
General measures and integrals
- 4:30 p.m. Janko Bán (Bratislava)
Fuzzy valued measures and variables
- 5:00 p.m. ROUND TABLE II (Chair E.P. Klement)
"Semigroup valued measures"

Wednesday, September 11, 1991

- 9:00 a.m. Ulrich Höhle (Wuppertal)
MV-algebras on sheaves over GL-monoid
- 10:00 a.m. Ildar Batyrshin (Kazan)
Measures of fuzziness and interval subalgebras of Kleene algebras
- 11:00 a.m. Maciej Wygralak (Poznan)
Elements of Lukasiewicz-logic-based cardinality theory
- 11:30 a.m. ROUND TABLE III (Chair D. Mundici)
"Models for quantum mechanics"
-
- 1:30 p.m. EXCURSION

Thursday, September 12, 1991

- 9:00 a.m. David Schmeidler (Tel Aviv)
A more robust definition of subjective probability (with M. Mashina)
- 10:00 a.m. Nand Aggarwal (Besançon)
Expert system for wastewater treatment using statistical analysis and fuzzy reasoning (with J. Chavanon)
- 11:00 a.m. ROUND TABLE IV (Chair D. Schmeidler)
"Subjective probability"
- 12:00 a.m. PROBLEMS
-
- 2:30 p.m. Erich Peter Klement (Linz)
Aumann-Shapley value for games with fuzzy coalitions (with D. Butnariu)
- 3:30 p.m. Wesley Kotzé (Grahamstown)
Insertion of a measurable function (with T. Kubiak)
- 4:30 p.m. P. Benvenuti, D. Vivona, M. Divari (Roma)
Fuzzy partitions and entropy
- 5:00 p.m. Dan Dumitrescu (Cluj-Napoca)
Measure-preserving transformation and the entropy of a fuzzy partition
- 5:30 p.m. Kwami N. Agbeko (Budapest)
Optimal average

Friday, September 13, 1991

- 9:00 a.m. Klaus Schmidt (Mannheim)
Conditional independence
- 10:00 a.m. Janos C. Fodor (Budapest)
Aggregation of decomposable measures
- 11:00 a.m. ROUND TABLE V (Chair D. Dubois)
"Concepts of conditioning"
- 12:00 a.m. PROBLEMS
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- 2:30 p.m. ROUND TABLE VI (Chair S. Weber)
"Selected Topics"
- 3:30 p.m. CLOSING SESSION