

# LINZ '98

## 19th Linz Seminar on Fuzzy Set Theory NON-CLASSICAL MEASURES AND THEIR APPLICATIONS TO DECISION MAKING

Bildungszentrum St. Magdalena, Linz, Austria  
February 24 - 28, 1998

### PROGRAM

#### Program Committee

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Ulrich Höhle  
Stephen E. Rodabaugh  
Siegfried Weber

#### Tuesday, February 24, 1998

9:00 am - 10:30 am

Mirko Navara, Pavel Ptáček: *Types of uncertainty and the role of the Frank  $t$ -norms in classical and nonclassical logics*

Mirko Navara: *Nearly Frank  $t$ -norms and the characterization of  $T$ -measures*

11:00 am - 12:00 am

Giuseppina Barbieri: *A representation theorem and a Liapounoff theorem for  $T_\gamma$ -measures*

2:00 pm - 3:30 pm

Mai Gehrke, Carol Walker, Elbert Walker: *Averaging operators on the unit interval*

Bernard De Baets: *Local and global characteristic behaviour of additive fuzzy preference structures*

4:00 pm - 5:00 pm

Round Table: *T-measures*

#### Wednesday, February 25, 1998

9:00 am - 10:30 am

Beloslav Riečan: *On the probability theory and fuzzy sets*

11:00 am - 12:00 am

Ulrich Höhle: *Realizations for generalized probability measures*

2:00 pm - 3:30 pm

Marc Roubens: *On probabilistic interactions among players in cooperative games*

4:00 pm - 5:00 pm

Round Table: *Applications in game theory*

#### Thursday, February 26, 1998

9:00 am - 10:30 am

Wolfgang Sander: *Nonadditive information measures and distance measures*

RŽgis Sabbadin, Didier Dubois, Henri Prade: *Towards axiomatic foundations for decision under qualitative uncertainty with Sugeno integrals and possibility distributions*

11:00 am - 12:00 am

Szándor Jenei:  *$\varepsilon$ -Knowledge base expert system - an intelligent aid for a general class of problems*

#### Friday, February 27, 1998

9:00 am - 10:30 am

Radko Mesiar:  *$k$ -order pseudo-additive measures*

11:00 am - 12:00 am

Round Table: *Applications in decision making*

2:00 pm - 3:30 pm

Endre Pap: *Application of pseudo-analysis in optimization and decision making*

4:00 pm - 5:00 pm

Round Table: *Pseudo-additive measures*

#### Saturday, February 28, 1998

9:00 am - 12:00 am

Open problems - Closing session