

**LINZ
2002**

23rd Linz Seminar on Fuzzy Set Theory
Analytical Methods and Fuzzy Sets

Bildungszentrum St. Magdalena, Linz, Austria
February 5 – 9, 2002

Program

TUESDAY, February 5, 2002

- 9:00 am Phil Diamond (Brisbane): *A contemporary snapshot of fuzzy operational equations*
- 11:00 am Jai Heui Kim (Pusan): *On set valued and fuzzy stochastic differential equations*
- 2:30 pm Dan Butnariu (Haifa), Erich Peter Klement (Linz): *A proximal point method for optimization in the space of fuzzy vectors*
- 4:30 pm Martin Kalina (Bratislava): *Nearness-based limits in multidimensional case*

WEDNESDAY, February 6, 2002

- 9:00 am Ulrich Bodenhofer (Hagenberg): *Monotonicity in vague environments*
- 11:00 am Susanne Saminger (Linz), Radko Mesiar (Bratislava), Ulrich Bodenhofer (Hagenberg): *T-transitivity and domination*
- 2:30 pm Ulrich Höhle (Wuppertal): *Representation of [0,1]-valued sets*
- 4:30 pm Radko Mesiar, Anna Kolesárová (Bratislava): *On some analytical properties of aggregation operators*

THURSDAY, February 7, 2002

- 9:00 am Uziel Sandler (Jerusalem): *Dynamics of fuzzy systems: Theory and applications*
- 11:00 am Round Table I: *Probability with fuzzy sets*

FRIDAY, February 8, 2002

- 9:00 am Endre Pap (Novi Sad): *Fixed point theory in probabilistic metric spaces*
- 11:00 am Mamoru Shimoda (Shimonoseki): *A natural interpretation of fuzzy partitions*
- 2:30 pm Volker Krätschmer (Saarbrücken): *Probability theory in spaces of fuzzy sets*
- 4:30 pm Shoumei Li (Beijing), Yukio Ogura (Saga): *Convergence theorems for fuzzy valued random variables in the extended Hausdorff metric H_{∞}*

SATURDAY, February 9, 2002

- 9:00 am Round Table II: *Modelling physical systems with fuzzy sets*