LINZ '99

20th Linz Seminar on Fuzzy Set Theory
TOPOLOGICAL AND ALGEBRAIC STRUCTURES

Bildungszentrum St. Magdalena, Linz, Austria
February 2 – 6, 1999

PROGRAM

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Mainz, *Germany*

Executive Committee

Erich Peter Klement
Ulrich Höhle
Stephen E. Rodabaugh
Siegfried Weber

Tuesday, February 2, 1999

9:00 am – 10:35 am
OPENING of the Seminar
B. BANASCHEWSKI: Propositional Theories, Frames, and Fuzzy Algebras

11:00 am – 12:30 am
C. J. MULVEY: Pure States

2:00 pm – 4:00 pm
R. MESIAR: Discrete Triangular Norms
P. VICENIK: Non-Continuous Triangular Norms
C. WALKER: Powers of T-Norms

4:30 pm – 5:15 pm
E. PAP: Semiring-Valued Measures and Integrals

Wednesday, February 3, 1999

9:00 am – 10:30 am
M. GEHRKE: Varieties Generated by Strict de Morgan Systems on the Unit Interval

11:00 am – 12:30 am
A. SOSTAK: Fuzzy Functions: A Fuzzy Extension of the Category SET and Some Related Categories

2:00 pm – 4:00 pm
E. A. WALKER: Groups and Families of Triple Systems
S. JENEI: The Structure of Girard Monoids on [0,1]
ROUNDTABLE on Algebra: Part I

4:30 pm – 5:30 pm
ROUNDTABLE on Algebra: Part II

Thursday, February 4, 1999

9:00 am – 10:30 am
S. E. RODABAUGH: Variable Basis Fuzzy Topology and Compactifications: A Status Report

11:00 am – 12:30 am
U. HÖHLE: Monadic Foundations of General Topology
C. GUIDO: Powerset Operator Based Approach to *M*-Fuzzy Toplogical Spaces on *L*-Fuzzy Sets

2:00 pm – 10:00 pm
EXCURSION to Schärding and REichersberg (including dinner and wine-tasting)

Friday, February 5, 1999

9:00 am – 10:30 am
A. PULTR: Some Meeting Points of Fuzzy and Point-Free Topology

11:00 am – 12:30 am
T. KUBIAK: Fuzzy Reals: Some Toplogical Results Surveyed, Brouwer Fixed Point Theorems, and a Few Open Questions

2:00 pm – 4:00 pm
I. W. ALDERTON: Fuzzy Compactness Via Categorical Closure Operators
J. M. BARONE: Families of Separated Fuzzy Sets
M. A. De PRADA-VICENTE: Some Results on *L*-Regular and Completely *L*-Regular Spaces

4:30 pm – 5:30 pm
G. JÄGER: Compactness in Function Spaces in Fuzzy Topology

Saturday, February 6, 1999

9:00 am – 10:30 am
U. HÖHLE: On the Need of Many-Valued Topologies

11:00 am – 12:30 am
W. GÄHLER: On Monadic Convergence Structures
L. N. STOUT: Fully Fuzzy Topology

2:00 pm – 4:00 pm
J. GUTIERREZ-GARCIA: A Unified Approach to the Concept of *L*-Uniform Spaces
S. E. RODABAUGH: Covering/Hutton Fuzzy Uniformities: Preliminary Remarks
ROUNDTABLE on Topology: Part I

4:30 pm – 5:30 pm
ROUNDTABLE on Topology: Part II
CLOSING of the Seminar