

Faculty of Mathematics and Natural Sciences, University of Rzeszów

***The 4th International Symposium on Fuzzy Sets
Uncertainty Modelling***

**May 23-24, 2019
building A0 (B1), room 42**

Programme

May 23

10.00-10.15 Opening of Symposium

Chair: Urszula Bentkowska

10.15-10.40 Radko Mesiar and Anna Kolesárová

On a construction of fuzzy implication functions

10.40-11.05 Martin Kalina

Associative monotone operations on bounded posets

11.05-11.35 Coffee break

Chair: Vladimír Janiš

11.35-12.00 Michał Baczyński and József Dombi

The Preference Implication

12.00-12.25 Wanda Niemyska

Some New Solutions of the Distributivity Law $I(x, S(y, z)) = S(I(x, y), I(x, z))$

12.25-12.50 Katarzyna Miś

On Some Interpretations of Generalized Hypothetical Syllogism

12.50-14.50 Lunch

Chair: Martin Kalina

14.50-15.15 Przemysław Grzegorzewski

Enriched resampling from fuzzy data

15.15-15.40 Michaela Bruteničová and Vladimír Janiš

T-norms on lattices similar to $SMOn$

15.40-16.05 Vladimír Kobza

T-norms and means on bounded lattices

16.05-16.35 Coffee break

Chair: Krzysztof Dyczkowski

16.35-17.00 Anna Stachowiak, Patryk Żywica and Bartosz Wesolowski

Empirical approach to study similarity measures of fuzzy sets

17.00-17.25 Pavol Král' and Jana Špírková

Deviation and Dissimilarity Based Aggregation Functions

17.25-17.50 Jacek Chudziak

On complementary symmetry of buying and selling prices

May 24

Chair: Paweł Drygaś

9.30-9.55 Jana Borzová, Lenka Halčinová and Ondrej Hutník

On seminormed integral: remarks and improvements

9.55-10.20 Michał Boczek, Anton Hovana and Ondrej Hutník

On Q -integral inequalities

10.20-10.50 **Coffee break**

Chair: Jana Špírková

10.50-11.15 Piotr Helbin and Michał Baczyński

On Fuzzy Sheffer Stroke Operator

11.15-11.40 Józef Drewniak and Anna Król

Reconsideration of some properties of invariant fuzzy implications

11.40-12.05 Krzysztof Pancierz and Jaromir Sarzyński

Data Analysis Based on Fuzzy Set Approaches in the Classification and Prediction Software System (CLAPSS)

12.05-12.30 Barbara Pękała, Urszula Bentkowska and Krzysztof Dyczkowski

Similarity and inclusion measures for interval-valued fuzzy sets

12.30 **Closure of Symposium**

