

Uncertainty Modelling 2022 – programme

Monday 12 September 8

9,10 Opening

9,15 – 9,40 P. Drygaś, A. Król: On a fuzzy implication and its natural negation

9,40 – 10,05 B. Pękala, K. Dyczkowski, J. Szkoła, D. Kosior: Possible and necessary similarities measures of interval-valued fuzzy sets used to selection of relevant features in diagnostic Problem

10,05 – 10,35 coffee-break

10,35 – 11,00 O. Hutník, M. Kleinová: On maximal chain-based Choquet-like integrals

11,00 – 11,25 B. Hannelová, O. Hutník: On OWA operators based on generalized Choquet integrals

11,25 – 11,50 Z. Ontkovičová: Risk measures from the point of view of Choquet integral quadruplet

11,50 – 14,30 Lunch

14,30 – 14,55 S. Shvydka, V. Sarabeev: Data analysis with using generalized additive models

14,55 – 15,20 R. Mesiar, A. Kolesárová: Rectangles-based discrete universal fuzzy integrals

15,20 – 15,45 M. Ždímalová, K. Boratková, M. Ghosh, Sk Md Obaidullah: Biological data: image processing, segmentation analyses, grab cut, maschine learning and other techniques

15,45 – 16,15 coffee-break

16,15 – 16,40 B. Pękala, U. Bentkowska, M. Kepski, M. Mrukowicz, Fuzzy local contrast measures based on aggregation functions

16,40 – 17,05 V. Janiš, M. Bruteničová, P. Huidobro: Modifiers preserving monotony

17,05 – 17,30 V. Kobza: Special cases of aggregation functions on bounded lattices

Tuesday, 13 September

9,15 – 9,40 J. Špírková: Open problems of the construction of moderate deviation functions

9,40 – 10,05 M. Vučetić, M. Hudec: A general framework for selecting and ranking records from heterogeneous datasets based on interval-valued fuzzy sets and admissible orders

10,05 – 10,30 J. G. Bazan, S. Bazan-Socha, U. Bentkowska, W. Gałka, M. Mrukowicz, L. Zaręba, Aggregation functions in optimization of ensemble classifiers

10,30 – 11,00 coffee-break

11,00 – 11,25 S. Basarik, L. Halčinová: The generalized Choquet integral, comparison with the Choquet integral, and calculation methods

11,25 – 11,50 Z. Takáč, Ľ. Horanská: Ordering intervals by degree of totalness

11,50 – 12,15 M. Kalina, O. Stašová: Discussion on idempotent associative monotone binary operations on posets