

Rough Set School and Tutorials

May 17, 2024

Meeting information for remote participation: TBA

8:00 – 9:00 Break (snack, beverages provided)

Location: MCDA suite (S126)

9:00 – 10:30 Part 1

- Rough sets: History and what next
By Dr. Andrzej Skowron, Dr. Dominik Ślęzak
- Fuzzy orthopartitions as models dealing with vague and uncertain information
By Dr. Stefania Boffa

Chairs: Dr. Dominik Ślęzak, Dr. Zaineb Chelly Dagdia

Location: MCDA suite (S126)

10:30 – 11:00 Break (snack, beverages provided)

11:00 – 12:30 Part 2

- Near sets with application on Hilbert envelope proximities in modulated irregular motion waveforms in infrared video frames
By Dr. James Peters
- The art, science, and application of three-way decision
By Dr. Yiyu Yao

Chairs: Dr. Dominik Ślęzak, Dr. Piotr Artiemjew

Location: MCDA suite (S126)

12:30 – 13:30 Break for lunch (lunch not provided)

13:30 – 15:00 Part 3

- Rough set theory in AI and data science
By Dr. Usman Qamar
- QMAK (open platform for interaction with machine learning models and visualization of classification processes)
By Dr. Arkadiusz Wojna

Chairs: Dr. Aleksandra Szpakowska, Dr. Piotr Artiemjew

Location: MCDA suite (S126)