NSAIS-ROW19 Workshop Schedule

Thursday – August 22nd

Venue: Auditorium - Student Association building

09.00 ***Opening ceremony – welcome words***

09.15 ***Paper Session I –Behavioral and cognitive considerations*** (Chair: **Jan Stoklasa**)

1. **Mariia Kozlova** and **Jan Stoklasa:** *Satisfaction and Extremity Effects under the Baseline Approach in Multiple-Criteria Decision-Making Problems*
2. **Jana Stoklasová, Jan Stoklasa, Tomáš Talášek** and **Azzurra Morreale**: *Risk attitude in the context of preference extraction through questionnaires*
3. **Anssi Tarkiainen, Pasi Luukka, Ari Jantunen, Jukka-Pekka Bergman, Olli Kuivalainen** and **Jan Stoklasa:** *Managerial cognition and firm performance*
4. **Olga Bogdanova** and **Mariia Kozlova:** *First steps of Data Collection Planning for Development of Artificial Intelligence Technology for the European Crowdfunding Aggregator Platform*

11.15 ***Lunch break*** (Lunch at the Student Union building)

12.15 ***Paper Session II – Methodological advances (Chair: Pasi Luukka)***

1. **Christoph Lohrmann** and **Pasi Luukka:** *Fuzzy similarity and entropy (FSAE) feature selection revisited by using intra-class entropy and a normalized scaling factor*
2. **Jan Stoklasa** ***and*** **Jana Siebert:** *On the use of pairwise comparisons for absolutetype evaluation*
3. **Christoph Lohrmann** and **Mariia Kozlova:** *Developing a Decision Tree Block for the Exercise Boundary Fitting Method*

More about MFG 4.0 Project

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13.45 ***Break***

14.00 ***Paper Session III - Business and industrial applications*** (Chair: **Mikael Collan**)

1. **Stein-Erik Fleten, Benjamin Fram, Magne Ledsaak, Sigurd Mehl, Ola Røssum** and **Carl Ullrich:** *Analysing Peaking Generator Availability in PJM: The Effect of the Reliability Pricing Model*
2. **Aleksandr Popkov** and **Mikhail Zaboev:** *Extended MobileNet convolutional neural network with Bayesian approach for economic applications*
3. **Jyrki Savolainen** and **Michele Urbani:** *Optimizing maintenance scheduling of multimachine industrial systems with simulation – example from metals mining*
4. **Yuri Lawryshyn:** *Using Boundary Fitting and Machine Learning to Value Multi-Stage Real Option Investments*

16.00 ***End of the first workshop day***

In the evening: Evening program – Dinner

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NSAIS-ROW19 Workshop Schedule

Friday – August 23rd

Venue: Auditorium - Student Association building

09.30 ***Paper Session IV – Analytics with applications*** (Chair: **Pasi Luukka**)

1. **Christoph Lohrmann** and **Alena Lohrmann:** *Missing value imputation of the cooling technology for the global thermal power plant fleet using a decision tree classifier*
2. **Zhukov Dmitry** and **Tatiana Khvatova:** *A stochastic dynamics model for shaping stock indexes considering self-organization processes, memory and oscillations*
3. **Lyudmila Vyunenko:** *Features of the Calibration Procedure for AK-type Macroeconomic Models*
4. **Mahinda Mailagaha Kumbure, Anssi Tarkiainen, Pasi Luukka, Jan Stoklasa** and **Ari Jantunen**: *Examining Inter-Causal Relationships in Shared Cognitive Maps*

11.30 ***Lunch break***

12.30 ***Paper Session V– Finance and Business*** (Chair: **Mikael Collan**)

1. **Lyudmila Gadasina** and **Kirill Tashlykov:** *Analysis of a Digital Transformation Factors' Impact On Company Economic Performance*
2. **Irina Georgescu and Jani Kinnunen**: *Optimal Saving by Expected Utility Operators*
3. **Sheraz Ahmed and Muhammad Naeem:** *Adaptive market hypothesis: A comparative analysis of seven major digital currencies*
4. **Mika Jaakkola, Andreas Mikkelsen, Sheraz Ahmed,** and **Mikael Collan:** *Using chine learning in optimizing pairs trading strategies in the Nordic context*

14.40 ***Closing ceremony – closing words***

More about MFG 4.0 Project