

Wednesday, September 11th

08:30-10:00	Session 1: Registration	
10:00-12:30	Session 2: Opening and plenary talks-(Room: KC-C213)	
10:00-10:30	s3	Hossein Moosaei. Opening Talk
10:30-11:30	s1	Panos Pardalos. Artificial Intelligence for Economics and Finance
11:30-12:30	s2	Michal Černý. Linear programming: Old and new results, old and new challenges
12:30-13:30	Session 3: Lunch	
13:30-15:00	Session 4A (chair: Josef Jablonsky)	
13:30-13:50	20	Oleh Kurinnyi and Lukáš Frýd. From Petrochemicals to Produce: Unveiling the Fertilizer-Crude Oil Nexus
13:50-14:10	59	Markéta Matulová. Construction of a new DEA-based Composite Index for Circular Economy Assessment in the EU
14:10-14:30	70	Dana Černá. Wavelet Method for Pricing One-Stage Expansion Options under Stochastic Volatility
14:30-15:00	71	Josef Jablonský. Re-calculation of scientometric indicators of ORMS journals by non-traditional models.
13:30-15:00	Session 4B (chair: Helena Brožová)	
13:30-13:50	4	Tomas Formanek and Jindřich Lacko. Accessibility of public charging infrastructure for electric vehicles across Central European countries: a geospatial analysis.
13:50-14:10	3	Radmila Krkošková, Zuzana Neničková and Lucie Waleczek Zotyková. Economic Growth and Agricultural Sector Dynamics in the Visegrad Group: A Panel Analysis
14:10-14:30	54	Marek Kvet and Jaroslav Janacek. Swap heuristic parameter sensitivity
14:30-15:00	25	Robert Hlavatý, Helena Brožová, Anna Selivanova and Tereza Sedlářová Nehézová. Designing optimal transportation patterns for radiation incident recovery

13:30-15:00	Session 4C (chair: Dušan Hrabec)	
13:30-13:50	51	Imma Lory Aprea. A diffused and thickening soil monitoring model for evaluating the impact of climate change on agriculture
13:50-14:10	36	Imma Lory Aprea and Gabriele Sbaiz. A neural network-particle swarm solver for sustainable portfolio optimization problems
14:10-14:30	9	Nikola Kaspříková. Sentiment analysis in press releases about the Czech economy by institutional stakeholders
14:30-15:00	s4	Dušan Hrabec. Adaptive large neighborhood search for waste collection: Fleet size composition for a problem with multiple waste fractions and single compartment vehicles
13:30-15:00	Session 4D (chair: Petr Fiala)	
13:30-13:50	57	Martin Boďa, Mariana Považanová, Michal Struk and Michaela Tichá. Sensitivity of genders to economic fluctuations
13:50-14:10	16	Kevin Nowag. Efficiency analysis of grass seed multiplication in Germany: A case study of the leading Company
14:10-14:30	72	Jenn-Rong Lin. THE LONG-TERM-CARE CAREGIVER ROUTING AND SCHEDULING PROBLEM WITH CONSIDERATIONS OF STOCHASTIC TRAVEL TIMES AND SERVICE TIMES
14:30-15:00	49	Petr Fiala, Renata Majovska and Lorena Caridad López del Río. Model of network interconnections
15:00-15:30	Session 5: Coffee break	
15:30-17:00	Session 6A (chair: František Koblasa)	
15:30-15:50	15	Tereza Čapková. Portfolio Analysis: Exploring Rank Length Metrics
15:50-16:10	14	Petr Pokorný. Profit Allocation in a Multi-Echelon Closed-Loop Supply Chain: A Cooperative Game Theoretical Approach
16:10-16:30	29	Blanka Bazsova and Lucie Chytilova. Analysis of traffic accidents and weather in the Czech Republic
16:30-17:00	11	František Koblasa and Miroslav Vavroušek. Flexible Job Shop Scheduling with setup, transportation and planned machine idle time.
15:30-17:00	Session 6B (chair: Jaroslav Janacek)	

15:30-15:50	18	Michaela Tichá and Martin Dlouhý. A Coalition Formation as a Multicriteria Voting Game
15:50-16:10	41	Andrea Galadíková, Marek Kvet and Maroš Janovec. Using of the simulated annealing in the decision support system of the railway transport nodes
16:10-16:30	31	Markéta Šindlerová and Miroslav Hudec. Exploring Fuzzy Functional Dependencies in Assessing Relationships between Criteria in EU ETS impacts
16:30-17:00	53	Jaroslav Janacek and Marek Kvet. On-line learning process for setting of heuristic parameters
15:30-17:00	Session 6C (chair: Miroslav Žižka)	
15:30-15:50	67	Jiří Hozman and Tomáš Tichý. Application of chooser options to valuation of investment opportunities
15:50-16:10	32	Jana Junová and Miloš Kopa. Almost Stochastic Dominance Analysis of Mean-Variance Efficient Portfolios
16:10-16:30	79	Pavel Beránek. The Impact of Language-Based AI on Wealth Inequality: Insights from Multi-Agent Simulations
16:30-17:00	26	Eva Štichhauerová and Miroslav Žižka. Application of conventional DEA and ZSG-DEA models in university budget allocation
17:00-17:30	Session 7: Coffee break	
17:30-18:30	Session 8: Meeting of the Czech Society for Operations Research	
18:30-21:30	Session 9: Welcome evening	
Thursday, September 12th		
08:30-10:00	Session 10A: PhD students' competition (chair: Michal Cerny)	
08:30-08:50	7	Qian Gao. An Empirical Efficiency Comparison of Downside Risk and Drawdown Risk in Dynamic Portfolio Optimization
08:50-09:10	80	Robert Szczyrbak. Knapsack problem for build spare parts stock
09:10-09:30	66	Michaela Sedláková. Impact of Asset Price History on Price Volatility
09:30-09:50	46	Jan Volný. Influence of Weights in Central Weight Vector on Additional Information in SMAA Method.

09:50-10:10	28	Jialei Xiong. Exploring Market Attention's Impact on Portfolio Optimization
08:30-10:00	Session 10B (chair: TBA)	
08:30-08:50	60	František Zapletal, Miroslav Hudec, Marek Štěpán, Miljan Vučetić and Nina Barčáková. Dependencies Between Criteria and Their Weights: A Reflective Analysis
08:50-09:10	75	Jan Rejthar. Choking Hazard: Surviving the Heat of Competitive Counter-Strike
09:10-09:30	73	Petr Krautwurm. Comparing Measures of Product Relatedness on Data from Czech Drugstore Retail Chain
09:30-09:50	33	Richard Kovárník. The relationship between investment in machinery, employment, and output of forestry in Switzerland
08:30-10:00	Session 10C (chair: TBA)	
08:30-08:50	35	Lukáš Malec. Applying the FIML dynamic structural model in tourism industry
08:50-09:10	45	Pavel Pražák. Discrete-time Dynamic Exchange Rate Overshooting Model
09:10-09:30	47	Ondřej Šimpach. Improvement of Methods of Fertility Rates Modelling
09:30-09:50	58	Ondřej Sokol, Vladimír Holý and Jan Pelikan. Fractional Orienteering Problem with Mandatory Nodes: Ant Colony Heuristic
10:00-10:30	Session 11: Coffee break	
10:30-11:30	Session 12A: PhD students' competition (chair: Michal Cerny)	
10:30-10:50	48	Vojtěch Vávra. Comparison of Python Metaheuristic Packages
10:50-11:10	12	Lukáš Veverka. Refining Fourier Approach with Constrained Parameter Estimation and Penalizing Seasonal Distortions
11:10-11:30	76	Dominik Kavrik. A Comparative Analysis of SVAR and Traditional Filtering Methods in Output Gap Estimation
10:30-11:30	Session 12B (chair: Lucie Chytilová)	
10:30-10:50	8	Benjamin Emmenegger, Miroslav Hudec, Zapletal Frantisek, Georgiana Bigea and Edy Portmann. Application of the Three-Level Aggregation Model for Evaluating Opinions Under Hesitance for Fuzzy Voting in Spatial Planning Public Decision-Making
10:50-11:10	50	Dominika Tejnická Bordácsová, Jana Hančlová and Lucie Chytilová. Generation and Analysis of Intralogistics Solution Scenarios

11:10-11:30	68	Lucie Chytilová and Jana Hančlová. The Energy Mix in Europe: A Panel Regression Analysis
10:30-11:30	Session 12C (chair: Diana Bílková)	
10:30-10:50	24	Michael Michael Kejmar, Jiří Neubauer and Jakub Odehnal. A Panel Analysis of the Economic Determinants of Military Spending
10:50-11:10	13	Stanislav Letkovský, Sylvia Jenčová, Marta Miškuřová and Petra Vašaničová. Comparative Analysis of Bankruptcy Prediction Models in Metallurgical Industry: Logistic Regression versus Artificial Intelligence Techniques
11:10-11:30	1	Diana Bílková. Welfare or Poverty of Czech Pensioners during the Energy Crisis: A Linear Regression Model
11:30-12:30	Session 13: Lunch	
13:30-18:30	Session 14: Conference trip / social programme	
20:00-23:00	Session 15: Conference dinner at Krušnohorský Maskaron restaurant in Teplice, including the ceremony announcing the results of the PhD student's competition	

Friday, September 13th

09:00-09:30	Session 16: Morning coffee	
09:30-11:30	Session 17A (chair: Martin Flégl)	
09:30-09:50	69	Jana Hančlová, Lucie Chytilová and Dominika Bordáčová. Evaluating the Energy and Emission Efficiency of the 27 Countries of the European Union during the 2011-2022 Period Using DEA
09:50-10:10	5	Tereza Chmelová. An Approach for Solving Traveling Salesman and Vehicle Routing Problems in MS Excel
10:10-10:30	30	Martina Hedvicaková, Martin Pozdílek and Alena Pozdílková. Analysis of Labor-Capital Substitution in Industry 4.0 Using the Cobb-Douglas Model: Strategic Decision-Making in Human Resources and Technological Investments
10:30-10:50	38	Martin Flégl, Carmen Lozano, Patrick Joaquín Cruz and Marketa Matulová. Assessing tourism efficiency in traditional beach touristic centers in Mexico: Application of dynamic two-stage DEA model and fuzzy time series forecasting
10:50-11:10	61	Marek Štěpán. Creating a multi-criteria employee evaluation model using fuzzy functional dependencies

09:30-11:30	Session 17B (chair: Vladimír Holý)	
09:30-09:50	27	Jaromír Zahrádka. The Problem of Optimal Delivery of Frozen and Chilled Goods with given priority from Multiple Warehouses
09:50-10:10	42	Jan Bartoška, Josef Kunhart and Jiří Pilný. Extension of Planning Poker by Work Contour Models in Project Management
10:10-10:30	19	Vladimír Holý. Analyzing Determinants of Success in Ice Hockey World Championships
10:30-10:50	10	Peter Knížat. Regional Intensity of the Freight: Functional Analysis of Variance
10:50-11:10	78	Tomasz Brzęczek. Review on assortment selection problem integrated with capacitated multi-product order optimization
09:30-11:30	Session 17C (chair: Hossein Moosaei)	
09:30-09:50	40	Petr Chládek, Marika Hruběšová, Štěpán Mudra, Martin Polívka and Tomáš Roskovec. Analysis of strategy for the Secretary problem with cardinal function based on job specifications
09:50-10:10	22	Ondřej Novák and Veronika Blašková. Level of efficiency of the energy industry in EU countries
10:10-10:30	23	Ondřej Novák and Michaela Staňková. Level of efficiency of the tertiary education sector in the EU
10:30-10:50	65	Lucie Chytilová and Hana Štverková. A Two-Stage DEA Model for Evaluating the Efficiency of SMEs with Multi-Year Accounting Data
10:50-11:10	62	Lucie Chytilová and Michal Pažák. Measuring and Analyzing the Technical Efficiency of Floorball Players
11:10-11:30	74	Hossein Moosaei. Maximizing Classification Efficiency: Integration of Optimization with Twin Support Vector Machine
11:30-12:30	Session 18: Lunch	