

CONFERENCE PROGRAM



QUANTITATIVE METHODS IN ECONOMICS (Multiple Criteria Decision Making XXIII)

27th - 29th May 2026 Bratislava

Venue: Rector's Office building (Building V2)

University of Economics in Bratislava, Dolnozemská cesta 1, 852 35 Bratislava

27th May, 2026 (Wednesday)

12:00 – 13:30 *Registration (Conference Room V2, Ground Floor on the right)*

13:30 – 15:00 *Plenary Session (Conference Room V2)* **Chair:** Marian Reiff

Petr Fiala MODELING PUBLIC PROCUREMENT AUCTIONS AND THE EFFECTS OF LOBBYING

Martina Kuncova, Ondřej Poništ and Andrea Hrníčková AIR HANDLING UNIT PRODUCTION PROCESS IMPROVEMENT USING DISCRETE EVENT SIMULATION MODEL IN SIMUL8

Michal Koháni, Maroš Janovec And Samuel Straka GENETIC ALGORITHM FOR COMBINED CHARGING INFRASTRUCTURE DESIGN PROBLEM

15:00 – 15:20 *Coffee break (Room A7.12, 7th floor)*

15:20 – 16:20 *Session A (Room A7.12, 7th floor)* **Chair:** Michaela Chocholatá

Lubica Bartova and Jan Kobida COMPLEX SURVEY DESIGN IN ORDERED RESPONSE MODELS: EVIDENCE FROM EU SURVEY DATA

Josef Jablonský and Luboš Marek CURRENT ADVANCES IN TWO-STAGE DATA ENVELOPMENT ANALYSIS NETWORK MODELS

Nenad Bjelic, Dražen Popović, Branislava Ratkovic and Nemanja Golubović SERVICE ORDER CONSERVATION EFFECT ON THE MAKESPAN OF THE AVS/RS WITH SIMULTANEOUS EXECUTION OF STORAGE AND RETRIEVAL TASKS

17:00 – 17:30 *Meeting of SSOR*

17:30 *RECEPTION (Conference Room V2, Ground Floor on the right)*

28th May, 2026 (Thursday)

9:30 – 10:30 Session A (Room A7.12, 7th floor) Chair: Juraj Pekár

Veronika Mitkova THE EUROPEAN GREEN DEAL'S 'FIT FOR 55' PACKAGE: A CATALYST FOR LABOR MIGRATION?

Jan Kobida and Lubica Bartova MULTIPLE IMPUTATION AND INFERENCE IN COMPLEX SURVEY DATA: EVIDENCE FROM HBSC

Maroš Janovec, Michal Koháni and Juraj Dostál A MEMETIC ALGORITHM FOR CHARGING INFRASTRUCTURE LOCATION PLANNING IN ELECTRIC BUS SYSTEMS

10:30 – 10:45 Coffee break (Room A7.12, 7th floor)

10:45 – 11:45 Session B (Room A7.12, 7th floor) Chair: Karol Szomolányi

Richard Martinus INVESTMENT ADVISORY WITH SRI PORTFOLIO OPTIMIZATION UNDER UCITS REGULATION

Andrea Galadíková SIMULATION-BASED EVALUATION OF INTERSECTION IMPROVEMENT STRATEGIES

Michal Bogár and Andrea Furková EVALUATING THE FINANCIAL HEALTH OF COMPANIES USING A COMPOSITE INDICATOR WITH WEIGHTS DERIVED FROM PRINCIPAL COMPONENTS

12:00 Break for Lunch

14:30 Meeting at the Bratislava Passenger Port (Osobný prístav Bratislava), Fajnorovo nábrežie 2, 81102 Bratislava, GPS: N48°8'24" E17°6'46"

Social programme:

Bratislava – Devín – Bratislava (boat trip to Devín castle and confluence of rivers Danube and Morava). Cruise starts with views on historic part of Bratislava, its waterfront and Bratislava castle. The cruise continues under the New bridge, bridge Lanfranconi and finishes under the Devin castle. During the break in Devin - visiting of the Devin castle. Boarding for the cruise from Devin to Bratislava at 18:30. Arrival of the boat to Bratislava Passenger Port at 19:00.

29th May, 2026 (Friday)

9:30 – 10:30 Session A (Room A7.12, 7th floor) Chair: Zuzana Čičková

Juraj Pekár, Ivan Brezina and Marian Reiff SHARPE RATIO-BASED PORTFOLIO OPTIMIZATION OVER BUSINESS CYCLES: AN EMPIRICAL ANALYSIS OF THE GERMAN DAX STOCK MARKET

Michaela Chocholata EGARCH MODELLING OF STOCK MARKET VOLATILITY: EVIDENCE FROM S&P 500, DAX, AND FTSE 100 INDICES

Zuzana Čičková and Andrea Furková LOCATION-ALLOCATION PROBLEM IN A COMPETITIVE ENVIRONMENT: A GAME-THEORY APPROACH BASED ON BIMATRIX GAMES

10:30 – 10:45 Coffee break

10:45 – 12:30 Session B (Room A7.12, 7th floor) Chair: Martin Lukáčik

Martin Lukáčik, Adriana Lukáčiková and Karol Szomolányi FUEL PRICES IN EUROPEAN UNION COUNTRIES FOLLOWING THE SHOCK CLOSURE OF THE STRAIT OF HORMUZ

Pavel Gežík MODELING RETURNS OF PRODUCTS/PACKAGING FOR REUSE

12:00 Closing of the conference