

PROGRAMME



UNIVERSITY OF ECONOMICS IN BRATISLAVA
FACULTY OF ECONOMIC INFORMATICS
DEPARTMENT OF STATISTICS



28th Slovak-Polish-Ukrainian Scientific Seminar

Quantitative Methods

in Socio-Economic Analysis – Theory and Applications

Bratislava, 20th – 21st October, 2022



19th October (Wednesday)

Afternoon | Registration of participants

18:30 | Dinner

20th October (Thursday)

8:15 | Breakfast

Opening Ceremony:

9:15 | **Mária Vojtková**, Head of Department of Statistics, University of Economics in Bratislava

Ivan Brezina, Dean of Faculty of Economic Informatics, University of Economics in Bratislava

The First Session:

Statistical Methods for Socio-Economic Analysis I

Chairperson: Paweł Ulman (Cracow University of Economics)

9:30-10:00

Mária Vojtková (University of Economics in Bratislava)

SMALL ENTERPRISES AS THE DRIVING FORCE OF THE NATIONAL ECONOMY

Discussion

10:00-10:30

Barbara Pawelek - Józef Pociecha (Cracow University of Economics)

THE USEFULNESS OF SELECTED STATISTICAL LEARNING METHODS FOR ESTIMATING MISSING DATA TO SUPPLEMENT DATABASES USED FOR CORPORATE BANKRUPTCY PREDICTION

Discussion

10:30-11:00

Tetiana Kmytiuk – Galyna Velykoivanenko (Kyiv National Economic University named after Vadym Hetman)

COUNTRIES SEGMENTATION USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Discussion

11:00-11:30

Coffee break

Note

the authors are requested to present their papers in 20 minutes and leave 10 minutes for discussion.

The Second Session:

Statistical Methods for Socio-Economic Analysis II

Chairperson: Józef Pociecha (Cracow University of Economics)

11:30-12:00	Paweł Ulman – Maria Ulman (Cracow University of Economics) <i>HOUSING DEPRIVATION IN SELECTED EUROPEAN UNION COUNTRIES – A COMPARATIVE ANALYSIS</i> Discussion
12:00-12:30	Anatoliy Pilyavskyy (Lviv University of Trade and Economics) <i>ANALYSIS OF THE EFFICIENCY AND PRODUCTIVITY OF BANKS ACTIVITY. COMPARATIVE ANALYSIS OF ASSESSMENT METHODS</i> Discussion
13:00	Lunch

The Third Session:

Statistical Methods for Socio-Economic Analysis III

Chairperson: Anatoliy Pilyavskyy (Lviv University of Trade and Economics)

14:30-15:00	Dominika Mikolajčíková – Mária Vojtková (University of Economics in Bratislava) <i>KEYWORD ANALYSIS USING MULTIVARIATE STATISTICAL METHODS</i> Discussion
15:00-15:30	Erik Šoltés – Silvia Komara (University of Economics in Bratislava) <i>LS-MEANS ANALYSIS OF THE ACTIVE ENTERPRISES' NUMBER BALANCE RATE BROKEN DOWN BY SK NACE AND NUTS3 IN 2008-2018</i> Discussion
15:30-16:00	Marcin Salamaga (Cracow University of Economics) <i>MODELING THE DYNAMICS OF DIFFUSION OF INNOVATION IN THE VISEGRAD GROUP COUNTRIES</i> Discussion
16:00-16:30	Coffee break

The Fourth Session:

Statistical Methods for Socio-Economic Analysis IV

Chairperson: Erik Šoltés (University of Economics in Bratislava)

16:30-17:00	Sabina Augustyn – Janusz Niezgoda (Cracow University of Economics) <i>ERROR-INDUCED DIFFERENCES BETWEEN POPULATION AND SAMPLE DISTRIBUTIONS</i> Discussion
17:00-17:30	Romana Šipoldová (University of Economics in Bratislava) <i>TARGETING OF ONLINE ADVERTISING USING MACHINE LEARNING METHODS</i> Discussion
18:30	Ceremonial dinner

21st October (Friday)

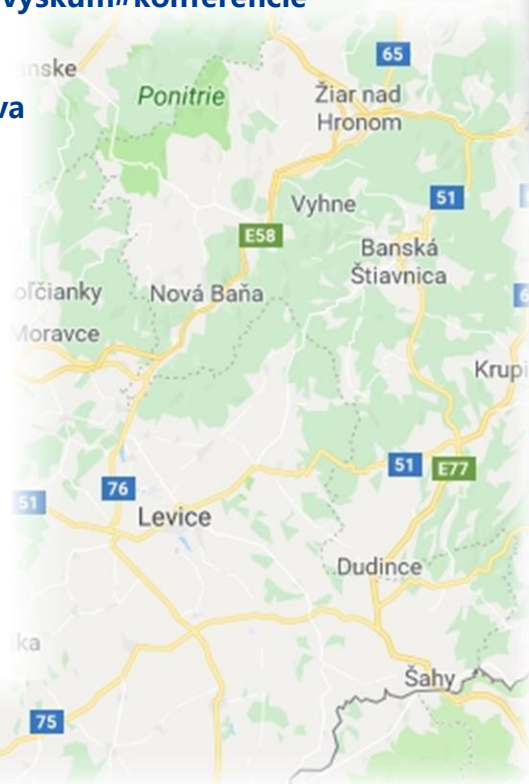
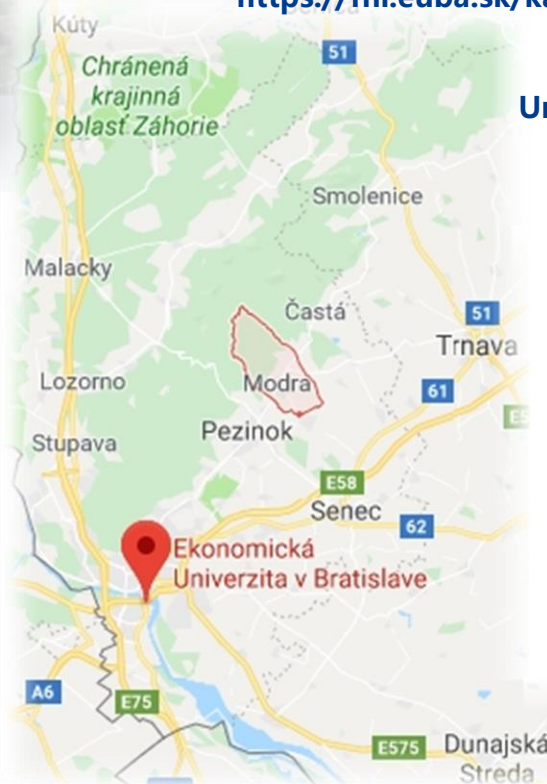
8:00	Breakfast
9:00	Excursion (Červený kameň – https://hradcervenykamen.sk/?lang=en)
13:00	Lunch (Modra)
15:00	Arrival in Bratislava

Bratislava, 20th – 21st October, 2022



<https://fhi.euba.sk/katedry/katedra-statistiky/veda-a-vyskum#konferencie>

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