PROGRAMME

UNIVERSITY OF ECONOMICS IN BRATISLAVA
FACULTY OF ECONOMIC INFORMATICS

25th Slovak-Polish-Ukrainian Scientific Seminar

Quantitative Methods

in Socio-Economic Research – Theory and Applications

Bratislava, 10th – 12th October, 2018
9th October (Tuesday)

Afternoon

Registration of participants

19:00

Dinner

10th October (Wednesday)

8:15

Breakfast

Opening Ceremony:

Mária Vojtková, Head of Department of Statistics, University of Economics in Bratislava

Ivan Brezina, Dean of Faculty of Economic Informatics

The First Session:

Efficiency Measures of Educational and Scientific Systems

Chairperson: Paweł Ulman (Cracow University of Economics)

9:30-10:00

Eva Sodomová (University of Economics in Bratislava)

25th Anniversary of the Slovak-Polish-Ukrainian Scientific Seminars (in Photos)

Discussion

10:00-10:30

Józef Pociecha (Cracow University of Economics)

Statistics as a Way to Know the Truth

Discussion

10:30-11:00

Igor Mantsurov (Kyiv National Economic University named after Vadym Hetman)

Statistical Evaluation of the Inclusive Growth and Development of Ukraine

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:  
**Demographic Analysis Methods**

Chairperson: Mária Vojtková (University of Economics in Bratislava)

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<th>Time</th>
<th>Speaker(s)</th>
<th>Presentation Title</th>
<th>Discussion</th>
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<tr>
<td>11:30-12:00</td>
<td>Artur Lipieta (Cracow University of Economics)</td>
<td><strong>ANALYSIS OF LIVING STANDARDS OF THE POPULATION OF THE VISEGRAD GROUP</strong></td>
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<td>Zoya Baranyk - Olha Babieieva (Kyiv National Economic University named after Vadym Hetman)</td>
<td><strong>STATISTICAL EVALUATION OF THE LABOR POTENTIAL INNOVATIVE DEVELOPMENT</strong></td>
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<td>12:00-12:30</td>
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<td>13:00</td>
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<td>Lunch</td>
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The Third Session:  
**Statistical Methods for Socio-Economic Analysis I**

Chairperson: Józef Pociecha (Cracow University of Economics)

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<tr>
<td>14:30-15:00</td>
<td>Agnieszka Wałęga - Grzegorz Wałęga (Cracow University of Economics)</td>
<td><strong>PROBLEM OF OVER-INDEBTEDNESS IN POLAND: RESULTS OF OWN SURVEY</strong></td>
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<td>Barbara Pawełek (Cracow University of Economics)</td>
<td><strong>EXTREME GRADIENT BOOSTING METHOD IN PREDICTION OF COMPANY BANKRUPTCY</strong></td>
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<td>16:00</td>
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<td>Excursion with dinner (Modra)</td>
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## 11th October (Thursday)

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<td>8:30</td>
<td>Breakfast</td>
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| 9:30-10:00 | **The Fourth Session:** *Statistical Methods for Socio-Economic Analysis II*  
  Chairperson: Igor Mantsurov (Kyiv National Economic University named after Vadym Hetman)  
  Mária Vojtková (University of Economics in Bratislava)  
  **Spatial Grouping of EU Countries According to the Concepts of Material Deprivation**  
  Discussion |
| 10:00-10:30| Sergij Dryha - Alisa Mantsurova (Kyiv National Economic University named after Vadym Hetman)  
  **Statistical Support for the Administrative-Territorial Policy of Ukraine Development and Implementation**  
  Discussion |
| 10:30-11:00| Paweł Ulman (Cracow University of Economics)  
  **The Socio-Economic Situation of the Population in the Visegrad and the Vármár Triangle Countries**  
  Discussion |
| 11:00-11:30| Erik Šoltés (University of Economics in Bratislava)  
  **Income Poverty and Social Exclusion of Slovak Households in Relationship to Relevant Factors**  
  Discussion |
| 11:30      | Lunch                                                                 |
| 12:30      | Excursion (Bratislava)                                                |
| 19:00      | Ceremonial dinner                                                     |
12th October (Friday)

8:30  Breakfast

The Fifth Session: Quantitative Methods
Chairperson: Erik Šoltés (University of Economics in Bratislava)

9:30-10:00
Yana Khrapunova (Kyiv National Economic University named after Vadym Hetman)
UKRAINE IN THE INTERNATIONAL BENCHMARK OF FRAUD AND ERROR IN SOCIAL SECURITY SYSTEMS
Discussion

10:00-10:30
Sabina Denkowska - Kamil Fijorek (Cracow University of Economics)
MONTE CARLO ANALYSIS OF BOOTSTRAP PANEL GRANGER CAUSALITY TEST
Discussion

10:30-11:00
Michał Major (Cracow University of Economics)
MULTIDIMENSIONAL BINARY EVALUATION OF PRODUCT QUALITY IN THE LIGHT OF SIX-SIGMA THEORY
Discussion

11:00-11:30
Viera Labudová (University of Economics in Bratislava)
HOUSING AFFORDABILITY IN THE EUROPEAN UNION AND IN SLOVAKIA

12:00  Closing Ceremony. Lunch
Bratislava, 10th – 12th October, 2018

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

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PARTNERS OF CONFERENCE