

**Challenges for Analysis of the Economy, the Businesses, and
Social Progress**

**Társadalmi és Gazdasági Folyamatok elemzésének
módszertani kérdései**

International Scientific Conference

Szeged, November 19-21, 2009

Program Book



Program overview

	2009.11.19. Thursday	2009.11.20 Friday	2009.11.21. Saturday	2009.11.22. Sunday
8:30 - 9:00	Registration			
9:00 - 9:30		Plenary Session II. (Lecture Hall, 1 st Floor)	Parallel Sessions III.	Social Program: Guided tour in Szeged
9:30 - 10:00				
10:00 - 10:30				
10:30 - 11:00				
11:00 - 11:30				
11:30 - 12:00				
12:00 - 12:30	Welcome Reception (Atrium, Ground Floor)	Lunch (Atrium, Ground Floor)	Parallel Sessions II.	
12:30 - 13:00				
13:00 - 13:30		Lunch (Atrium, Ground Floor)		
13:30 - 14:00				
14:00 - 14:30	Parallel Sessions I.	Parallel Sessions IV.		
14:30 - 15:00				
15:00 - 15:30				
15:30 - 16:00				
16:00 - 16:30				
16:30 - 17:00				
17:00 - 17:30				
17:30 - 18:00				
18:00 - 18:30	Visit Faculty of Economics and Business Administration			
18:30 - 19:00				
19:00 - 19:30				
19:30 -	Social Program: Fishermen's Inn	Ceremonial Dinner with wine-tasting (Atrium, Ground Floor)	Social Program: Theatre Bowling evening	

Parallel Sessions

Parallel Sessions I. 2009.11.19. Thursday P.M.	Parallel Sessions II. 2009.11.20 Friday P.M.	Parallel Sessions III. 2009.11.21. Saturday A.M.	Parallel Sessions IV. 2009.11.21. Saturday P.M.
Consumer Behaviour, Marketing (Seminar Room 1)	Regional & Spatial Analysis (Seminar Room 1)	Educational Issues (Seminar Room 1)	Tourism (Seminar Room 1)
Application of Information Technology (Seminar Room 2)	Statistical Theory (Seminar Room 2)	Labour Markets (Seminar Room 2)	Economic & Business Statistics III. (Seminar Room 2)
Economy, Society, Education - Session to be held in Hungarian (Seminar Room 3)	Measurement Issues (Seminar Room 3)	Finances - Empirical Issues & Risk Analysis II. (Seminar Room 3)	Financial Modeling & Simulation (Seminar Room 3)
Economic & Business Statistics I. (Lecture Hall)	Economic & Business Statistics II. (Lecture Hall)		
Finances - Empirical Issues & Risk Analysis I. (Lecture Room 2)	Social Statistics (Lecture Room 2)		

Rooms

- Lecture Hall (1st floor)
- Lecture Room 2 (Underground)
- Seminar Room 1 (Ground Floor)
- Seminar Room 2 (Ground Floor)
- Seminar Room 3 (Ground Floor)

Session: Plenary Session I

Chairperson: Pál Belyó

Date: 19. November

Room: Lecture Hall

- 10:00 - 10:10 *Opening of the Conference*
Professzor Gábor Szabó, Rector of University of Szeged
Dr. Eszter Bagó, Deputy President of Hungarian Central Statistical Office
- 1 10:10 - 11:00 *Hans-J. Lenz*
eNAQ II: A Prototype for an electronic Version of the UN National Accounts
Questionnaire for SNA 2008
- 2 11:00 - 11:50 *Luigi D'Ambra*
New developments of Non Symmetrical Correspondence Analysis for two
and three way contingency table

Parallel Sessions I.
Session: Application of Information Technology
Chairperson: Annamária Inzelt
Date: 19. November
Room: Seminar Room 2

- 1 14:00 - 14:15 *Ani Cristian - Res Moreno*
ERP Customization
- 2 14:15 - 14:30 *Res Moreno-Doru - Ani Cristian George*
ERP. The standard cost in a manufacturing company
- 3 14:30 - 14:45 *Nicolae-Aurelian Oprean*
General View over Neverfail Heartbeat Solution
- 4 14:45 - 15:00 *Jorma Jokela - Monica Radestad - Dan Gryth - Helene Nilson - Anders Ruter -
Leif Svensson - Markku Luoto - Maaret Castren*
Increased situation awareness in major incidents – Radio frequency
identification (RFID) technique: a promising tool
- 5 15:00 - 15:15 *Dimtar Jovevski - Marina Mijoska*
Mobile under social in small business
- 6 15:15 - 15:30 *Li-Zhong Zhang*
Social technologies and business development
- 7 15:30 - 15:45 *Mauro Preda*
AGRI-LIFE Project. Good products obtainable with a click

BREAK

- 8 16:05 - 16:20 *Liana Stanculea*
Enterprise grid computing
- 9 16:20 - 16:35 *Zoltán Majó - Péter Szakál*
16 tons of petition
-Data mining in the on-line administration system of the University of Szeged-
- 10 16:35 - 16:50 *Olivera Grljevic - Sasa Bosnjak - Zita Bosnjak*
Different Clustering Techniques – Means for Improved Knowledge Discovery
- 11 16:50 - 17:05 *Tilo Wendler*
A statistical Approach to Assess IT-Consumer Satisfaction: Developing Indices
using Structural Equation Modelling

DISCUSSION

Parallel Sessions I.
Session: Consumer Behaviour, Marketing
Chairperson: Erzsébet Hetesi
Date: 19. November
Room: Seminar Room 1

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|---|-------|---|-------|--|
| 1 | 14:00 | - | 14:15 | <i>Pálma Szolnoki</i>
Measuring the value of increased energy supply security in the Hungarian natural gas system |
| 2 | 14:15 | - | 14:30 | <i>Eugene Ozhegov</i>
Floating utility criterion in problem of optimal budget distribution |
| 3 | 14:30 | - | 14:45 | <i>Nicole Bircks - E. Kuhn</i>
Multi-project management as a mean to increase the capacity for the integration and functional capability of organizations |
| 4 | 14:45 | - | 15:00 | <i>Piroska Harazin - Katalin Padar</i>
How Can Gold Collar Workers Become Gold Medalists – The Most Important Factors of the Successful Consulting Policy |
| 5 | 15:00 | - | 15:15 | <i>Balázs Révész</i>
Researching Marketing Orientation using PLS methodology |
| 6 | 15:15 | - | 15:30 | <i>Caterina Marini</i>
Household Consumption Behaviour: A cross-country comparison for Italy and the UK. |
| 7 | 15:30 | - | 15:45 | <i>Szabolcs Prónay - Krisztina Karsai</i>
Segmentation of teenagers in terms of their buying behavior and their attitudes towards commercials_Abstract |

BREAK

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|---|-------|---|-------|--|
| 8 | 16:05 | - | 16:20 | <i>Darko Pantelic - Marton Szakal</i>
Attitudes towards OTC Pharmaceuticals (results from empirical research in Republic of Serbia) |
| 9 | 16:20 | - | 16:35 | <i>Ilie Budica - Silvia Puiu - Bogdan Andrei Budica</i>
The retail market in Romania |

DISCUSSION

Parallel Sessions I.
Session: Economic & Business Statistics I.
Chairperson: Luigi D'Ambra
Date: 19. November
Room: Lecture Hall

- 1 14:00 - 14:15 *Popovic Rade - Radovanov Boris*
Price transmission in Serbian milk commodity chain
- 2 14:15 - 14:30 *Dániel Béres - Kornélia Mészáros*
Producer price forecasting in beef cattle sector
- 3 14:30 - 14:45 *Marija Trpkova - Dragan Tevdovski*
Twostep cluster analysis: Segmentation of largest companies in Macedonia
- 4 14:45 - 15:00 *Richard Kasa*
Adaptation of Artificial Intelligence into Economic Modeling
- 5 15:00 - 15:15 *Ahmed Sayed Abbas - Ibrahim Neimat Abdalla*
Corporate Governance and Financing Decisions in Small Growing Firms in Sudan
- 6 15:15 - 15:30 *Eva Palinko - Marta Szabo*
Liquidity and Short Term Asset-Liability Structure: Evidence from a Panel of Hungarian Firms
- 7 15:30 - 15:45 *Annamaria Bianchi - Silvia Biffignandi*
Modeling some Entrepreneurship factors

BREAK

- 8 16:05 - 16:20 *Erik Korom*
Modelling of Factors Influencing Corporate Performance on the Bases of Domestic Empirical Studies
- 9 16:20 - 16:35 *Eszter Megyeri*
Statistical research methods applied describing and measuring Fairness, Equity and Equality in Business Context
- 10 16:35 - 16:50 *Luis Navarro Y Elola - Ana Clara Pastor - Jesús Pastor - José Luis Martínez Arribas - Saray Morrondo*
Development of the strategic plan for Aragon's Shoe cluster
- 11 16:50 - 17:05 *Mónika Galambosné Tiszberger*
Sampling techniques for sampling units with different size
- 12 17:05 - 17:20 *Sándor Kovács*
A comparison of simulation softwares in modelling crop structure management with a stochastic linear programming model
- 13 17:20 - 17:35 *Vahid Ghorbani - Mahmoud Haghani - Nader Mehregan*
Estimating agricultural demand for electricity in Iran (1975-2007)
- 14 17:35 - 17:50 *Chulwoo Baek - Sangyun Han - Byoungho Son*
The Determinants of R&D Outsourcing and its Effect on Firm's Performance: Firm Level Evidence from Korean Manufacturing

DISCUSSION

Parallel Sessions I.
Session: Economy, Society, Education - Session to be held in Hungarian
Chairperson: Györgyné Kerékgyártó
Date: 19. November
Room: Seminar Room 3

- 1 14:00 - 14:15 *Katalin Kovacsicsné Nagy*
Where is crime nowadays?
- 2 14:15 - 14:30 *Miklós Lakatos*
Congruence Analysis Based on Population Census Data
- 3 14:30 - 14:45 *Gyöngyi Tóth*
Survey of organized culture by engineer -economist approach
- 4 14:45 - 15:00 *Péter Kuba*
Methodological Questions of Cross-cultural Research of Partenalistic Leadership
- 5 15:00 - 15:15 *Éva Málovics - János Málovics*
Some ideas about operationalization and measurement of the organizational culture and competences
- 6 15:15 - 15:30 *Zsuzsanna Zsibók - Balázs Varga*
Spatial differences in inflation persistence in Hungary – a time-varying coefficient approach
- 7 15:30 - 15:45 *Ildikó Lampertné Akócsi*
Competitiveness of Human Capital in the countries of Visegrád

BREAK

- 8 16:05 - 16:20 *Péter Kuba*
Different Methodological Approaches of Game Theory
- 9 16:20 - 16:35 *Péter Kuba*
Methodological Gaps in Economic Psychology
- 10 16:35 - 16:50 *Margit Csipkés - László Nagy*
Competing field crops and energy orchards by multiperiodic linear programming model and simulation programme package
- 11 16:50 - 17:05 *Timea Gál*
Analysis of dairy farms' efficiency by using data envelopment analysis (DEA)
- 12 17:05 - 17:20 *Katalin Vegh - Sandor Illes*
Food consumption behaviour modell in the old age
- 13 17:20 - 17:35 *László Kulcsár - Ferenc Hohl - Csilla Obádovics*
Telecottages: Hopes and Realities of Rural Development
- 14 17:35 - 17:50 *Krisztina Lászlóné Kenyeres*
The premise of Technological Mathematics course, introduction to the College of Dunaújváros and monitoring of the student's weight

DISCUSSION

Parallel Sessions I.
Session: Finances - Empirical Issues & Risk Analysis I.
Chairperson: Gábor Rappai
Date: 19. November
Room: Lecture Room 2

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|---|-------|---|-------|---|
| 1 | 14:00 | - | 14:15 | <i>Alesia Khudnitskaya</i>
Building Cross-Classified Multilevel Structure for Credit Scorecard: A Bayesian Monte Carlo Markov Chain Approach |
| 2 | 14:15 | - | 14:30 | <i>Ling Xiao - Gurjeet Dhesi</i>
Dependence structure analysis using Copula functions: an application to the European stock market |
| 3 | 14:30 | - | 14:45 | <i>Mohammad Abdul Washad Emambocus - Gurjeet Dhesi</i>
Test in the UK Stock market |
| 4 | 14:45 | - | 15:00 | <i>Maher Asal</i>
The effect of Euro on equity markets and economic growth in Euro-area countries |
| 5 | 15:00 | - | 15:15 | <i>Klaus Thaler</i>
The impact of government-backing announcements on CDS spreads |
| 6 | 15:15 | - | 15:30 | <i>Mónika Pitz - Zoltán Schepp</i>
Validity of risk indicators during the credit market crisis in Hungary |
| 7 | 15:30 | - | 15:45 | <i>Giuliana Borello - Francesca Pampurini</i>
The risk in the within horizon: a test applied to Dollar Cost Averaging. |

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|----|-------|---|-------|---|
| 8 | 16:05 | - | 16:20 | <i>Nistor Costel - Stefanescu Razvan - Dumitriu Ramona</i>
The impact of the US Stock Market on the Romanian Stock Market in the context of the Financial Crisis |
| 9 | 16:20 | - | 16:35 | <i>Péter Kalmár - Dóra Havay - Dániel Béres</i>
The examination of risk premiums |
| 10 | 16:35 | - | 16:50 | <i>Sándor Nagy</i>
The comparison of the financial situation of Iceland and Hungary in regard to the international financial turmoil |
| 11 | 16:50 | - | 17:05 | <i>Viorica Chirilă - Ciprian Chirilă</i>
The analysing of performance's investment funds traded on the Bucharest Stock Exchange |
| 12 | 17:05 | - | 17:20 | <i>Dragan Tevdovski - Marija Trpkova</i>
Modelling stock market volatility in Macedonia |
| 13 | 17:20 | - | 17:35 | <i>Goran Petrevski - Kiril Jovanovski</i>
Demand for Money in Macedonia |

DISCUSSION

Session: Plenary Session II

Chairperson: Beáta Farkas

Date: 20. November

Room: Lecture Hall

- 1 9:00 - 9:45 *Bernd Fitzenberger*
The Heterogeneous Effects of Training Incidence and Duration on Labor Market Transitions
- 2 9:45 - 10:30 *Eszter Bagó*
New directions in the measurement of social progress
- 3 10:30 - 11:15 *Annamária Inzelt*
Emergence of new branches of statistics (Science, technology and innovation statistics)

Parallel Sessions II.
Session: Economic & Business Statistics II.
Chairperson: Ernő Zalai
Date: 20. November
Room: Lecture Hall

- 1 12:30 - 12:45 *Wiktor Patena*
A New Approach to DCF Valuation - Company Valuation via Iterations
- 2 12:45 - 13:00 *Simona-Gabriela Masca - Viorela Ligia Vaidean*
Outward FDI and the Investment Development Path in Romania
- 3 13:00 - 13:15 *Aleksandra Marcikic - Boris Radovanov*
Comparative development analysis of Serbia and European countries using multivariate statistical methods
- 4 13:15 - 13:30 *Attila Gaspar*
Economic growth and convergence in the world economies: an econometric analysis
- 5 13:30 - 13:45 *Van Ha Nguyen*
The Brittleness in the growth models of eastern Asian countries
- 6 13:45 - 14:00 *Andrei Tudorel - Andrea Iluzia Iacob - Stelian Stancu - Claudiu Herteliu*
Considerations on the validity of NAIRU for an economy in transition – Romania’s case
- 7 14:00 - 14:15 *Bülent Günsoy - Güler Günsoy*
Economies structural reforms and macroeconomic success: a study on transition

BREAK

- 8 14:35 - 14:50 *Olgica Ivančev*
Transition Countries: What Factors Determine Wages?
- 9 14:50 - 15:05 *Gregory Popov*
Export of raw material and social choice
- 10 15:05 - 15:20 *Miroslav Hloušek*
Extensive margin in international trade: empirical analysis for Visegrad countries
- 11 15:20 - 15:35 *Beáta Udvari*
Is Free Market Access Enough for Development
- 12 15:35 - 15:50 *Edward Molendowski - Wojciech Polan*
Intra-Industry Trade and Revealed Comparative Advantage: Empirical Analysis of New Members State’s Economic Competitiveness (UE-8) on a Single Market between 2000 and 2007
- 13 15:50 - 16:05 *Matti Viren*
Housing allowance: subsidy to the landlords

BREAK

Parallel Sessions II.
Session: Economic & Business Statistics II.
Chairperson: Ernő Zalai
Date: 20. November
Room: Lecture Hall

- 14 16:25 - 16:40 *Doinita Ariton - Carmen Gabriela – Florian Marcel Nuta - Alina Beatrice Raileanu*
Expectations and realities of Romanian European integration of Romanian sme sector
- 15 16:40 - 16:55 *Magdalena Ghisoiu - Monica Ioana Pop Silaghi - Cristina Jude*
Some macroeconomic effects of the financial crisis in Romania
- 16 16:55 - 17:10 *Demet Tuncer*
The prepared entrepreneur and his half-fought battle* – How do native and immigrant entrepreneurs prepare for the entrepreneurial process?
- 17 17:10 - 17:25 *Ernő Zalai*
Partially closed (extended) input-output models: Some theoretical issues
- 18 17:25 - 17:40 *Boris Radovanov - Aleksandra Marcikić*
Development of the statistical process control methods

DISCUSSION

Parallel Sessions II.
Session: Measurement Issues
Chairperson: György Szilágyi
Date: 20. November
Room: Seminar Room 3

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|--------------|-------|---|-------|---|
| 1 | 12:30 | - | 12:45 | <i>Hajnalka Ván - Judit Gébert - György Málovics</i>
A critical analysis of well-being and sustainability indices and their validity in statistical analysis |
| 2 | 12:45 | - | 13:00 | <i>Judit Katona-Kovács - Judit Olah - Miklós Pakurar - Andrew Fieldsend</i>
Difficulties in defining territory boundaries in rural development |
| 3 | 13:00 | - | 13:15 | <i>Klára Anwar</i>
Possible approaches of the Quarterly GDP Estimation |
| 4 | 13:15 | - | 13:30 | <i>Ioannis Polyraakis</i>
Risk measures in second dual spaces |
| 5 | 13:30 | - | 13:45 | <i>Andrea Manzoni - Silvia Biffignandi - Alberto Marino</i>
The mode and scale measurement impact in a consumer behaviour survey |
| 6 | 13:45 | - | 14:00 | <i>Livia Rac - Djerdj Petkovic</i>
The role of accounting in analyzing the company's performance |
| 7 | 14:00 | - | 14:15 | <i>Mitja Stefancic</i>
New frameworks for the analysis of financial markets as a response to the crisis: A methodological perspective |
| <i>BREAK</i> | | | | |
| 8 | 14:35 | - | 14:50 | <i>Attila Acs</i>
The consequences of the US Bureau of Economic Data' false dataset |
| 9 | 14:50 | - | 15:05 | <i>Claudiu Herteliu - Alexandru Isaic Maniu - Ovidiu Emil Tanaoiu</i>
Statistical Indicators for Religious Studies: Primary Indicators of Classification in the Religious System |
| 10 | 15:05 | - | 15:20 | <i>Beáta Vajda</i>
The prospects of using diaries in a research relating medical services |
| 11 | 15:20 | - | 15:35 | <i>Zsuzsanna Szunyogh</i>
Method of the measurement of innovation |
| 12 | 15:35 | - | 15:50 | <i>Izabella Szakálné Kanó</i>
Analysing methods for spatial distribution of economic activities |
| 13 | 15:50 | - | 16:05 | <i>Giuseppe Scaratti - Silvio Ripamonti - Alessandro De Carlo</i>
A methodology of assessment based on the interaction between practice-based paths and standardized enquiring instruments |
| 14 | 16:25 | - | 16:40 | <i>Agnes Deveny</i>
How can statistical analysis prove the existence of an independent foreign language skill? |
| 15 | 16:40 | - | 16:55 | <i>Agnes Loch</i>
How do test methods affect reading comprehension test performance? |

DISCUSSION

Parallel Sessions II.
Session: Regional & Spatial Analysis
Chairperson: Éva Voszka
Date: 20. November
Room: Seminar Room 1

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|---|-------|---|-------|---|
| 1 | 12:30 | - | 12:45 | <i>Csilla Obádovics</i>
Linked Multivariate Methods in Territorial Analysis |
| 2 | 12:45 | - | 13:00 | <i>Renata Klufova - Ivana Faltova Leitmanova</i>
Double View At the quality of life in municipalities Of South Bohemia Region |
| 3 | 13:00 | - | 13:15 | <i>Miklós Lukovics - Péter Kovács - Imola Rittgasszer - Viktória Wéber</i>
Innovation Performance and Competitiveness in the Hungarian Sub-regions |
| 4 | 13:15 | - | 13:30 | <i>Ivett Széles - József Káposzta</i>
The analysis of Hungary's counties in the view of economic development |
| 5 | 13:30 | - | 13:45 | <i>Zoltán Bajmócy - Izabella Szakálné Kanó</i>
Measuring territorial innovation capacity at subregional level. Methodological challenges. |
| 6 | 13:45 | - | 14:00 | <i>Imola Rittgasszer</i>
The spatiality of the creative micro-regions in Hungary |
| 7 | 14:00 | - | 14:15 | <i>Tamás Sebestyén - Andrea Parag - Ferenc Kruszlicz</i>
Local Buzz and the Culture of Heterogeneity – Urbanization vs. Localization Economies in Patent Inventor Networks |

BREAK

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|----|-------|---|-------|--|
| 8 | 14:35 | - | 14:50 | <i>Balázs Kotosz</i>
Railway Escape Velocity |
| 9 | 14:50 | - | 15:05 | <i>Vladimir Glonti - Asie Tsintsadze - Lela Oniani</i>
Methods of Sociology and Experts Diagnostics in the Study of the Regional Insurance Market |
| 10 | 15:05 | - | 15:20 | <i>Włodarczyk Robert W.</i>
Sectorial homogeneity of the structure of employment in Eurozone countries |
| 11 | 15:20 | - | 15:35 | <i>Sina Mehrabi Rad</i>
Analyses of the influence of Oil price on the inflation rate in Iran |
| 12 | 15:35 | - | 15:50 | <i>Francisco Javier Benita Maldonado</i>
The concentration of manufacturing in Mexico: a case study |

DISCUSSION

Parallel Sessions II.
Session: Social Statistics
Chairperson: Katarina Čobanović
Date: 20. November
Room: Lecture Room 2

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|--------------|-------|---|-------|--|
| 1 | 12:30 | - | 12:45 | <i>Tinde Dobrodolac Seregelj</i>
Statistical indicators of poverty in Serbia |
| 2 | 12:45 | - | 13:00 | <i>Samia Elsheikh - Selma Abdelrhman</i>
Statistics of Poverty: Multivariate Regression Analysis, Rural Sudan |
| 3 | 13:00 | - | 13:15 | <i>Robert Jahoda - Dagmar Špalková</i>
The Effects of Rent Liberalization on the Poverty in the Czech Republic |
| 4 | 13:15 | - | 13:30 | <i>Natalia Nehrebecka - Agata Kocia</i>
Analysis of poverty in Poland in 1997 - 2000 using hazard models |
| 5 | 13:30 | - | 13:45 | <i>Yulia Lezhnina</i>
Typology of the family in the analysis of poverty in Russia |
| 6 | 13:45 | - | 14:00 | <i>Ismo Koponen</i>
Introducing a Data Manipulation Application for Estimating a Nation's Resources to Manage Cross Cultural Distances |
| 7 | 14:00 | - | 14:15 | <i>Drini Imami - Holger Kächelein - Endrit Lami - Edvin Zhllima</i>
Analysis of Political Business Cycles in Transition Economies with focus on Albania |
| <i>BREAK</i> | | | | |
| 8 | 14:35 | - | 14:50 | <i>Zsolt Kovari</i>
Application of microsimulation models in HCSO |
| 9 | 14:50 | - | 15:05 | <i>Güler Günsoy - Bülent Günsoy</i>
Economic crises and strategies to struggle with crisis: A study on Turkey |
| 10 | 15:05 | - | 15:20 | <i>József Karpati</i>
Impact of some social, demographic and economic phenomena on sustainability of pension systems in the Arabic world |
| 11 | 15:20 | - | 15:35 | <i>Aleksander Susel - Tomasz Wołowiec - Marcin Duszyński</i>
Migration and the results of reproductive decision-making in the USA |
| 12 | 15:35 | - | 15:50 | <i>Judit Avato Lovasne</i>
Forecasting methods on the area of the demography |
| 13 | 15:50 | - | 16:05 | <i>László Radnóti</i>
Statistics of Markov processes with applications in insurance and public health: life tables and life expectancies |

BREAK

Parallel Sessions II.
Session: Social Statistics
Chairperson: Katarina Čobanović
Date: 20. November
Room: Lecture Room 2

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|----|-------|---|-------|--|
| 14 | 16:25 | - | 16:40 | <i>Elif Çoker – Meral Yay - Ömer Uysal</i>
Investigating Dental Care Status with Multilevel Modelling |
| 15 | 16:40 | - | 16:55 | <i>Viorela Ligia Vaidean - Simona-Gabriela Masca</i>
Aspects regarding the financing of the Romanian social health insurance system |
| 16 | 16:55 | - | 17:10 | <i>Albert P. Miró-Pérez - Anna Ramon</i>
The internationalization process through social networks and its impact on social progress |
| 17 | 17:10 | - | 17:25 | <i>Drago Ružić - Antun Biloš</i>
Social network as a support of marketing for nonprofit organizations |

DISCUSSION

Parallel Sessions II.
Session: Statistical Theory
Chairperson: Hans-J. Lenz
Date: 20. November
Room: Seminar Room 2

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|---|-------|---|-------|---|
| 1 | 12:30 | - | 12:45 | <i>Angel Marchev, Jr. - Angel Marchev</i>
Cybernetic approach to selecting models for simulation and management of investment portfolios (a general concept) |
| 2 | 12:45 | - | 13:00 | <i>Erik Bajalinov</i>
Linear and linear-fractional programming: comparative analysis of optimal solutions |
| 3 | 13:00 | - | 13:15 | <i>Andrea Parag - Tamás Sebestyén</i>
The Evolution of Patent Innovator Networks: The Dynamics of Structural Characteristics and Link Formation |
| 4 | 13:15 | - | 13:30 | <i>Shingo Ohta - Masato Yamanaka - Joe Sato - Takaaki Nomura</i>
Research on information propagation using an analysis of odds movement in horse racing |
| 5 | 13:30 | - | 13:45 | <i>Tunjo Perić - Zoran Babić</i>
Vendor selection by application of revised weighting method and fuzzy multicriteria linear programming |
| 6 | 13:45 | - | 14:00 | <i>Janne Engblom</i>
Risk – Definitions and components |
| 7 | 14:00 | - | 14:15 | <i>Dániel Kehl</i>
On the History of Measurement Theory |

BREAK

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|----|-------|---|-------|---|
| 8 | 14:35 | - | 14:50 | <i>Gábor Rappai - László Szerb</i>
A new way of index creation: The penalty for bottleneck method |
| 9 | 14:50 | - | 15:05 | <i>Wolfgang Polasek - Richard Sellner - Carlos Llano</i>
Chow-lin methods for competing missing data in space-time panel models. |
| 10 | 15:05 | - | 15:20 | <i>Thierry Dhorne</i>
Collinearity measures and effective sample sizes: rings and comparison |
| 11 | 15:20 | - | 15:35 | <i>Peter Kovacs - Tibor Petres</i>
Relationship between the Redundancy and the Concentration |
| 12 | 15:35 | - | 15:50 | <i>Yves G. Berger - Juan F. Muñoz</i>
On estimating Quantiles using Auxiliary Information |
| 13 | 15:50 | - | 16:05 | <i>Daniel L. Balogh - Dániel Kehl</i>
Effects of Rounding on Descriptive Statistical Measures |

BREAK

Parallel Sessions II.
Session: Statistical Theory
Chairperson: Hans-J.Lenz
Date: 20. November
Room: Seminar Room 2

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|----|-------|---|-------|---|
| 14 | 16:25 | - | 16:40 | <i>Maiki Ilves</i>
Estimation under a probabilistic editing procedure |
| 15 | 16:40 | - | 16:55 | <i>Edith Kovács - Tamás Szántai</i>
Probabilistic Graphical Models and their Applicability in Economical Modeling |
| 16 | 16:55 | - | 17:10 | <i>Tamás Ferenci - Balázs Kotosz</i>
Using Massively Parallel Processing in the Testing of the Robustness of Statistical Tests with Monte Carlo Simulation |
| 17 | 17:10 | - | 17:25 | <i>Biagio Simonetti - Luigi D'Ambra</i>
Testing Interpoint Distance in Non Symmetrical Correspondence Analysis |

DISCUSSION

Parallel Sessions III.
Session: Educational Issues
Chairperson: József Kárpáti
Date: 21. November
Room: Seminar Room 1

- | | | | | |
|---|-------|---|-------|--|
| 1 | 9:00 | - | 9:15 | <i>Kalina Trenevska Blagoeva - Saso Josimovski</i>
Analysis of problems and further measures for improving statistical education for e-business students at the Faculty of Economics in Skopje, Republic of Macedonia |
| 2 | 9:15 | - | 9:30 | <i>József Csicsman</i>
Data Mining Education from Practical Approach |
| 3 | 9:30 | - | 9:45 | <i>Balázs Kotosz - Irén Balogh</i>
The Changing of Curriculum of Elementary Statistics in Social Science Education |
| 4 | 9:45 | - | 10:00 | <i>Ildikó Szondi - Adrienn Princz - János Mészáros</i>
The importance and significant of statistics in legal studies and in the application of legal principles |
| 5 | 10:00 | - | 10:15 | <i>Katarina Čobanović - Valentina Sokolovska</i>
Use of statistical methods in sociology |
| 6 | 10:15 | - | 10:30 | <i>MD Robiul Islam</i>
Environmental Education and Environmental Sustainability In Bangladesh |
| 7 | 10:30 | - | 10:45 | <i>Tudorel Andrei - Stelian Stancu - Andreea Iluzia Iacob - Claudiu Herteliu</i>
Testing Wagner's Law for Eastern European Countries |

BREAK

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|----|-------|---|-------|---|
| 8 | 11:05 | - | 11:20 | <i>Maria-Madela Abrudan - Adela Laura Popa - Mirabela-Constanta Matei</i>
The improvement of the student-teacher relationship using a monitoring methodology of the values hierarchy, interests and behaviours of students |
| 9 | 11:20 | - | 11:35 | <i>József Csicsman</i>
Microsimulation in Decision Support |
| 10 | 11:35 | - | 11:50 | <i>Mirko Savić - Dejan Brcanov - Stojanka Dakić</i>
<i>Implementation of factor analysis in the evaluation of higher education</i> |
| 11 | 11:50 | - | 12:05 | <i>Enrico Fabrizi - Silvia Biffignandi - Daniele Toninelli</i>
An experiment on the effects of non-response reweighting on estimators' precision in a web survey |

DISCUSSION

Parallel Sessions III.
Session: Finances - Empirical Issues & Risk Analysis II.
Chairperson: Katalin Botos
Date: 21. November
Room: Seminar Room 3

- | | | | | |
|--------------|-------|---|-------|--|
| 1 | 9:00 | - | 9:15 | <i>Sina Mehrabi Rad - Ataolah Mehrabi Rad</i>
The relationship between stock market, CPI and industrial production in Iran and the impact of oil price |
| 2 | 9:15 | - | 9:30 | <i>Adil Yousif</i>
Statistical Analysis of Money Supply at Qatar Central Bank |
| 3 | 9:30 | - | 9:45 | <i>Linda Dezső - Katalin Jackel - Peter Kovacs</i>
Discounting Under Stress: An Experimental Study with Tatiana-design |
| 4 | 9:45 | - | 10:00 | <i>Jan Czempas - Piotr Tworek</i>
Public projects and their major sources of financing in Poland after the accession into the European Union: the case of the Silesian Voivodship |
| 5 | 10:00 | - | 10:15 | <i>Evgeniya Nazrullaeva</i>
Direct investment and costs of production: empirical results of modelling costs structure applied to Russian industry in 2005-2009 |
| 6 | 10:15 | - | 10:30 | <i>Po Yu Lin - Gurjeet Dhesi - Lee Rose</i>
Originate-to-Distribute Model and UK Financial Institutions |
| 7 | 10:30 | - | 10:45 | <i>Katalin Botos</i>
Economic transition and financial accounts |
| <i>BREAK</i> | | | | |
| 8 | 11:05 | - | 11:20 | <i>Ekaterina Murzacheva</i>
Credit Risk Evaluation in the Small Business Activity: Individual Aspects at the Macroeconomic Level |
| 9 | 11:20 | - | 11:35 | <i>Szabolcs Szikszai - Miklos Erdelyi</i>
Evolving Market Perception of Credibility of MNB's Inflation Targeting Regime |
| 10 | 11:35 | - | 11:50 | <i>Szabolcs Kopanyi</i>
Dynamic Estimation of the Hungarian Zero-Coupon Term Structure |
| 11 | 11:50 | - | 12:05 | <i>Sofia Kiselgof</i>
Models of location and restructuring bank branches network |
| 12 | 12:05 | - | 12:20 | <i>Elena Stavrova</i>
Modeling of structural changes in the banking sector in the republic of Bulgaria |
| 13 | 12:20 | - | 12:35 | <i>Helena Naffa - Nandor Kaliczka</i>
Multivariate Analysis of Relative Equity Valuation |
| 14 | 12:35 | - | 12:50 | <i>Ramona Dumitriu - Costel Nistor - Razvan Stefanescu</i>
Changes in the Monthly Effects from the Romanian Foreign Exchange Market |

DISCUSSION

Parallel Sessions III.
Session: Labour Markets
Chairperson: Katalin Szép
Date: 21. November
Room: Seminar Room 2

- | | | | | |
|---|-------|---|-------|---|
| 1 | 9:00 | - | 9:15 | <i>Ainhoa Herrarte - Julián Moral-Carcedo - Felipe Sáez-Fernández</i>
A bivariate probit model for the analysis of fertility and women's decisions of abandoning the labour market |
| 2 | 9:15 | - | 9:30 | <i>Ceyda Özsoy - Sevilay Atlama</i>
An Analysis of Trends in Female Labor Force Participation in Turkey |
| 3 | 9:30 | - | 9:45 | <i>Simon Janssen - Uschi Backes-Gellner</i>
What difference do beliefs make? Gender job associations and work climate |
| 4 | 9:45 | - | 10:00 | <i>Tomasz Tokarski - Włodarczyk Robert W.</i>
Regional diversity of wages in Poland |
| 5 | 10:00 | - | 10:15 | <i>László Lökös - Klára Lökös Tóth - Emese Prihoda</i>
Using statistical methods for analysing regional differences of labour market |
| 6 | 10:15 | - | 10:30 | <i>Keith Abbott</i>
Why Labour Economics is Inadequate for Theorising Labour Unions |
| 7 | 10:30 | - | 10:45 | <i>Ágnes Sójáné Dux</i>
Methods for analysing the relationship between vocational training and labour market |

BREAK

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|----|-------|---|-------|---|
| 8 | 11:05 | - | 11:20 | <i>Robert Jahoda</i>
Labour market response of the Czech households to the selected tax-benefit changes |
| 9 | 11:20 | - | 11:35 | <i>Zsuzsanna Dabasi Halász - Eszter Siposné Nándori - Katalin Lipták</i>
Judgement of the employment by systematic data collection method |
| 10 | 11:35 | - | 11:50 | <i>Tomasz Tokarski - Mariusz Trojak</i>
Capital accumulation and the employment growth in the N-capital economic growth model |
| 11 | 11:50 | - | 12:05 | <i>Luca Bartoli - MariaChiara Pagliarella - Laura Palombo - Renato Salvatore</i>
Comparing native versus immigrants' occupational choices of Italian labour force: a generalized linear mixed model approach |
| 12 | 12:05 | - | 12:20 | <i>Sevilay Atlama - Ceyda Özsoy</i>
Environmental Regulations: A New Process or A New Unemployment Problem? |

DISCUSSION

Parallel Sessions IV.
Session: Financial Modeling & Simulation
Chairperson: Gábor Dávid Kiss
Date: 21. November
Room: Seminar Room 3

- | | | | | |
|----|-------|---|-------|---|
| 1 | 14:00 | - | 14:15 | <i>Frédéric Déléze</i>
Pairs Trading: A new approach |
| 2 | 14:15 | - | 14:30 | <i>Felix Streitferdt</i>
On the valuation of loss carry forwards |
| 3 | 14:30 | - | 14:45 | <i>Angel Marchev, Jr</i>
Model for sequential dynamic competition between random investment portfolios and portfolios selected by collective expert opinions |
| 4 | 14:45 | - | 15:00 | <i>Razvan Stefanescu - Ramona Dumitriu - Costel Nistor</i>
Analysis of the Dynamic Relation between the Currency Rates and the Interest Rates from Romania and Euro Area before and after the Financial Crisis |
| 5 | 15:00 | - | 15:15 | <i>Gábor Dávid Kiss - László Dudás</i>
Analyses of Extreme Events on Emerging Capital Markets |
| 6 | 15:15 | - | 15:30 | <i>Sebastian Lang - Reto Signer</i>
Interest Rate Model Risk and Basel II: A simulation study |
| 7 | 15:30 | - | 15:45 | <i>Karminsky Alexander</i>
Rating model opportunities for emerging markets |
| 8 | 15:45 | - | 16:00 | <i>András Csernenszky - Gyula Kovács - Miklós Krész - András Pluhár - Tamás Tóth</i>
The use of infection models in accounting and crediting |
| 9 | 16:00 | - | 16:15 | <i>Iva Vuksanovic - Marina Petrovic - Vukasin Kuc</i>
Intelligent enterprise risk management: The role of probability, statistics and scenario analysis |
| 10 | 16:15 | - | 16:30 | <i>Angel Marchev, Jr.</i>
Individual preference towards risk (extract from a multi-stage survey on investment intelligence) |

DISCUSSION

Parallel Sessions IV.
Session: Economic & Business Statistics III.
Chairperson: Miklós Lukovics
Date: 21. November
Room: Seminar Room 2

- | | | | | |
|---|-------|---|-------|--|
| 1 | 14:00 | - | 14:15 | <i>Mersad Mujević</i>
The impact of global economic crisis on the operations of Montenegrin economy |
| 2 | 14:15 | - | 14:30 | <i>Yulia Guleeva</i>
Russian SMEs in different types of settlement: what is the influence of global crisis? |
| 3 | 14:30 | - | 14:45 | <i>Ioana Chitu</i>
The United States Subprime Crisis |
| 4 | 14:45 | - | 15:00 | <i>Ádám Kerényi - Sándor Nagy</i>
The verbal crises management statistical approach in the Parliament |
| 5 | 15:00 | - | 15:15 | <i>Sarolta Somosi</i>
Perfect planning or the lack of effective lobby? The analysis of models and participants of European gas market liberalization |
| 6 | 15:15 | - | 15:30 | <i>Enikő Lencsés - Dániel Lencsés</i>
The comparison of the precision and conventional cultivation from an economy viewpoint |
| 7 | 15:30 | - | 15:45 | <i>Massimo Pollifroni</i>
Some empirical evidences about the biphasic action of e-government accesses |
| 8 | 15:45 | - | 16:00 | <i>Florin Mihoc - Adela Laura Popa - Cristian Hnatiuc</i>
Using Web Technologies and Online Databases to Develop Research Methodology for Determining Level of Integration of Effective Sales Management and Marketing from a relational approach point of view |

DISCUSSION

Parallel Sessions IV.
Session: Tourism
Chairperson: Katalin Szép
Date: 21. November
Room: Seminar Room 1

- | | | | | |
|---|-------|---|-------|---|
| 1 | 14:00 | - | 14:15 | <i>Nina Jurinčič - Mirell Ceglar Jurinčič</i>
(Adven)turist travelogue and its illocution power |
| 2 | 14:15 | - | 14:30 | <i>Dénes Sándor</i>
Analyses of local ingredients and dishes on menus of Southern Great Plain
touristic region |
| 3 | 14:30 | - | 14:45 | <i>Mauro Dujmović - Oliver Radolović - Aljoša Vitasović</i>
Legal Regulation on Nautical Tourism as Feature of Cultural Tourism |
| 4 | 14:45 | - | 15:00 | <i>Mauro Dujmović - Aljoša Vitasović - Dako Etinger</i>
The Role of Tourism in the Protection of Cultural and Historical Heritage |
| 5 | 15:00 | - | 15:15 | <i>Georgi Gaorgiev</i>
Natura 2000 and tourism development |
| 6 | 15:15 | - | 15:30 | <i>Rayna Dimitrova - Vyara Kyurova</i>
Evaluation of the consumers' attitudes towards the products of
alternative tourism in National park "Rila" |
| 7 | 15:30 | - | 15:45 | <i>Vyara Kyurova</i>
Influence of seasonal factor on the development of hotel industry in
Bulgaria |
| 8 | 15:45 | - | 16:00 | <i>Matevž Raškovič</i>
Methodology and estimation of tourism-related road toll expenditures:
experience from the Slovene Tourism Satellite Accounts |

DISCUSSION

