

**The Bucharest University of Economic Studies
Department of Statistics and Econometrics**



**The 8th International Conference
on Applied Statistics**

Friday, November 14, 2014

- 9.00-9.30** **Registration, Room 2013**
- 9.30-10.00** **Opening Ceremony, Room 2013**
- 10.00 – 10.30** **Coffee break, Room 2013**
- 10.30 – 15.00** **Paper presentations:**
 Section 1 - Room 2013
 Section 2 - Room 2416
- 15.30 Lunch**

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Section I

Committee:

PhD Professor Monica ROMAN

PhD Professor Ion PĂRȚACHI

PhD Lecturer Vasile Alecsandru STRAT

No.	Title	Author	Discussant
1	The forecast of credit risk	Simona Andreea DOSPINESCU (APOSTU)	Olivia Andreea BACIU
2	Generalized hyperbolic distributions: empirical evidence on Bucharest stock exchange	Olivia Andreea BACIU	Ioana BUCERZAN
3	Cluster analysis on cohesion policy towards Europe 2020 strategy for smart, sustainable and inclusive growth	Ramona BERE, Ioana BUCERZAN (PRECUP)	Andreea Oana ENACHE
4	Migration in the European Union – appearance and reality	Liviu-Stelian BEGU, Erika MARIN, Andreea Oana ENACHE	Liviu-Stelian BEGU
5	China and Angola: the risks of a strategic partnership	Liviu-Stelian BEGU, Ramona-Ioana BERGHEZAN	Mirela DIACONESCU
6	Changes in Romanian temporary mobility during 2004 - 2012	Cristina BOBOC, Valentina VASILE, Emilia TITAN, Daniela MANEA	Giani GRADINARU
7	Scenarios, quantitative models and indicators for evidence the importance of ecosystem services on human welfare	Giani GRADINARU	Cristina SACALĂ
8	Economic growth, employment and the crisis in Europe	Cristina SACALĂ	Vasile Alecsandru STRAT
9	What happened with the attractiveness of the Romanian counties for FDI during the period 2001 – 2012?	Vasile Alecsandru STRAT	Mihaela COVRIG
10	On some methods of risk quantification in insurance business	Mihaela COVRIG Iulian MIRCEA	Adrian COSTEA

11	A neural-network-based early-warning system for the financial industry	Adrian COSTEA	Ion PĂRȚACHI
12	Methods of measuring core inflation in inflation targeting countries	Ion PĂRȚACHI, Vitalie MOTELICA	Monica Mihaela ROMAN
13	Migration and social protection: empirical evidence from the EU countries	Elena-Maria PRADA, Monica Mihaela ROMAN	Madalina Ecaterina POPESCU
14	The effects of training on Romanian migrants' income: a propensity score matching approach	Monica ROMAN, Madalina Ecaterina POPESCU	Alexandra Gabriela ȚIȚAN
15	Supplementing the official statistics through complementary sources of information in assessing the impact of market risk on investor behavior	Alexandra Gabriela ȚIȚAN	Simona Andreea DOSPINESCU
16	Endogenous regional development in Romania. A knowledge production function model	Zizi GOSCHIN	Ion PĂRȚACHI
17	Stochastic Characterization and Modelling of Brasov County touristic activity	Silvia Elena CRISTACHE, Andreea IACOB, Daniela SERBAN, Mihaela GRUIESCU	Zizi GOSCHIN
18	Inequalities in the European Union labour market. An analysis focused on vulnerable groups	Gina DIMIAN	Daniela SERBAN

Section II

Committee:

PhD Professor Constanta MIHAESCU

PhD Professor Emilia GOGU

PhD Lecturer Adriana Anamaria DAVIDESCU

No.	Title	Author	Discussant
1	Causal interactions between foreign direct investment (FDI), electricity consumption and economic growth: evidence from dynamic panel co-integration models	Mostefa BELMOKADDEM, Yassine Zakaria GHOUALI, Mohammed Seghir GUELLIL, Mohammed Abbes SAHRAOUID.	Constanța MIHĂESCU
2	Recent intergenerational relationships in Romania	Constanța MIHAESCU, Ileana NICULESCU-ARON	Emilia GOGU
3	Interdependence of the employed population with tertiary education and economic development in the eu member states	Emilia GOGU Ion PĂRȚACHI Gheorghe SĂVOIU	Adriana AnaMaria DAVIDESCU
4	Evaluating the relationship between official economy and shadow economy in Romania. A structural vector autoregressive approach	Adriana AnaMaria DAVIDESCU	Olga GANCEAURUC
5	Forecast of BRENT oil price - a deliberation on use of futures contracts or/and of the econometric models forecasts	Elena CLARA, Olga GANCEAURUC	Mihaela DAVID
6	Standard count data models applied to a french auto insurance portfolio	Mihaela DAVID	Raluca Mariana DRĂGOESCU
7	The long-run relationship between education and economic growth. Evidence from Romania	Raluca Mariana DRĂGOESCU	Vasile Paul BRESFELEAN
8	Teachers' migration decision in a family context	Angel-Alex HĂISAN, Vasile Paul BRESFELEAN	Eva MILITARU
9	The redistributive effect of the Romanian tax-benefit system: a microsimulation approach	Eva MILITARU	Mihaela SIMIONESCU

10	The accuracy of exchange rate forecasts in Romania	Mihaela SIMIONESCU	Mihai VOICULESCU
11	A study of survival modelling in dialysis patients - applying different statistical tools	Diana-Silvia ZILIȘTEANU, Ion Radu ZILIȘTEANU, Mihai VOICULESCU	Claudiu Andrei VAIDA MUNTEANU
12	Analysis methods of the uncertainty and sensibility in statistics	Vergil VOINEAGU Gabriela MUNTEANU Claudiu Andrei VAIDA MUNTEANU	Smaranda CIMPOERU
13	Early warning system for assessing systematic risk – a binary model for panel data	Smaranda CIMPOERU	Vergil VOINEAGU
14	Measurement and statistical analysis of the components of quality in statistics	Anna Alexandra FRUNZA, Vergil VOINEAGU	Mioara POPESCU
15	Improving prediction of unemployment statistics with web technologies	Mioara POPESCU	Florina ROMAN
16	Indicators for measuring economic risk at the enterprise level	Florina ROMAN	Mariluzia POPOVICI
17	Concepts and tools for analysis and modeling - support for managerial decisions	Mariluzia POPOVICI	Miruna MAZURENCU MARINESCU
18	The statistical analysis of the projected financial performance of the investment projects financed from structural funds. A case study on a Romanian company implementing 2.3.3 axis investment projects	Ramona Mihaela BANICA, Miruna MAZURENCU MARINESCU	Mohammed Abbes SAHRAOUID