

ISCCRO'16 Conference

The 1st International Statistical Conference in CROatia,
05-06 May, 2016, Zagreb, Croatia

Venue: Hrvatska gospodarska komora / Croatian Chamber of Economy, Rooseveltov trg 2, Zagreb

Programme Overview

Thursday, May 05, 2016

Time	Activity
8:30 – 9:00	Registration at the conference desk
9:30 – 10:00	Opening Ceremony (Room: Vijećnica, 1st Floor)
10:00 - 10:30	Plenary Speech (Room: Vijećnica, 1st Floor)
10:35 – 11:25	Special Session for Challenges of Official Statistics – Part 1 (Room: Vijećnica, 1st Floor)
11:25 – 11:55	Coffee Break - Lower Level of Croatian Chamber of Economy <i>For all the conference participants.</i>
12:00 – 13:00	Special Session for Challenges of Official Statistics – Part 2 (Room: Vijećnica, 1st Floor)
13:00 – 14:00	Break: Light Lunch (Finger Food) Lower Level of Croatian Chamber of Economy <i>For all the conference participants.</i>
14:00 – 14:50	Parallel Sessions: - Session 1: Official Statistics Continuum: Some History and Recent Methodological Novelties (Room: Vijećnica, 1st Floor) - Session 2: Econometrics and Economics Applications – Part 1 (Room: A, 2nd Floor)
14:50 – 15:20	Coffee Break - Lower Level of Croatian Chamber of Economy <i>For all the conference participants.</i>
15:20 – 16:40	Parallel Sessions: - Session 1: Social Statistics Applications – Part 1 (Room: Vijećnica, 1st Floor) - Session 2: Advances in Statistical Methods and Methodology (Room: A, 2nd Floor)
20:00-23:30	Gala Dinner (Restaurant “VINODOL”, Teslina 10, Zagreb- center of the city) <i>For the conference participants and the Conference guests with an invitation / voucher</i>

Friday, May 06, 2016

Time	Activity
8:45 – 9:15	Registration at the conference desk
9:30 – 10:20	Parallel Sessions: - Session 1: Biometrics in Action (Room: Vijećnica, 1st Floor) - Session 2: Special Session for Young Statisticians (Room: A, 2nd Floor)
10:25 – 11:15	Parallel Sessions: - Session 1: Social Statistics Applications – Part 2 (Room: Vijećnica, 1st Floor) - Session 2: Econometrics and Economics Applications – Part 2 (Room: A, 2nd Floor)
11:15 – 11:45	Coffee Break - Lower Level of Croatian Chamber of Economy <i>For all the conference participants.</i>
11:50– 13:10	Parallel Sessions: - Session 1: Econometrics and Economics Applications – Part 3 (Room: Vijećnica, 1st Floor) - Session 2: Econometrics and Economics Applications – Part 4 (Room: A, 2nd Floor)
13:10 – 14:00	Break: Light Lunch (Finger Food) Lower Level of Croatian Chamber of Economy <i>For all the conference participants.</i>
14:05– 14:45	Closing Ceremony & Best Paper Awards

ISCCRO'16 Conference Programme

Thursday, May 05, 2016

8:30 – 9:00 Registration at the conference desk

9:30 – 10:00 Opening Ceremony, (Room: Vijećnica, 1st Floor)

The ISCCRO'16 Program Chair: **prof.dr.sc. Ksenija Dumičić** –President, Croatian Statistical Association, Fac. of Economics and Business, Univ. of Zagreb -

The ISCCRO'16 Host and Co-Organizer: **Mr Luka Burilović**- President, Croatian Chamber of Economy

The ISCCRO'16 General Chair: **Mr Marko Krištof** - Director General, Croatian Statistical Bureau

The ISCCRO'16 International Scientific Program Committee Chair:

prof.dr.sc. Nataša Erjavec – Vice Dean for Science and Doct. Studies, Fac. of Economics and Business, Univ. of Zagreb- Sponsor

Addressing of national statistical associations representatives

10:00 – 10:30 Plenary Speech:

Prof.dr.sc. Ante Rozga,

University of Split, Faculty of Economics, Split, Croatia

INVITED LECTURE: “New Developments in Seasonal Adjustment”

(Room: Vijećnica, 1st Floor)

Room: Vijećnica, 1st Floor

10:35 – 11:25 Special Session for Challenges of Official Statistics – Part 1

Chair: prof.dr.sc. Nataša Erjavec, Željka Draušnik, MD

Tomislav Benjak, Vesna Štefančić, Željka Draušnik:

“Can public health registries directly impact the quality of life of population?”

Mario Gavrić:

“Implementation of Quality Management and Documentation System in Croatian Bureau of Statistics”

Petar Sorić, Mirjana Čižmešija, Ivana Lolić:

“The challenges of estimating monthly national accounts data in Croatia”

Rudi Seljak, Jerneja Pikelj, Kaja Malešič:

“Statistical data processing – new approaches at Statistical Office of the Republic of Slovenia”

11:25 – 11:55 Coffee Break

Lower Level of Croatian Chamber of Economy; *For all the conference participants.*

Room: Vijećnica, 1st Floor

12:00 – 13:00 Special Session for Challenges of Official Statistics – Part 2

Chair: prof.dr.sc. Nataša Kurnoga, dr.sc. Davor Galinec

Daniel Ollech:

“Analysing daily time series: Adjusting seasonal and moving holiday effects”

Goran Gruić:

“A primer for the time series relational database built on Statistical Data and Metadata eXchange”

Davor Galinec, Jadranka Vuglar:

“Importance of the Cooperation Agreement in the Compilation of Government Finance Statistics in Croatia”

Rabija Somun-Kapetanović, Emina Resić, Fahir Kanlić:

“Use of administrative data for statistical purposes – challenges and perspectives in use of administrative data in business statistics of Bosnia and Herzegovina”

Rabija Somun-Kapetanović, Edin Šabanović:

“Is the targeting of social transfers in Bosnia and Herzegovina getting better? Evidence from Household Budget Surveys”

13:00 – 14:00 Break: Light Lunch (Finger Food)

Lower Level of Croatian Chamber of Economy; *For all the conference participants.*

14:00 – 14:50 Thursday - Parallel Sessions:

<p>Room: Vijećnica, 1st Floor Session 1: Official Statistics Continuum: Some History and Recent Methodological Novelties Chair: prof.dr.sc. Nataša Kurnoga, dr.sc. Ana Ivičević Uhernik Éva Laczka: "Chapters from the history of the Hungarian Statistical Association" Judit Poór, Orsolya Tóth: "Measuring Hungarian agricultural productivity using two different methods" Ana Ivičević Uhernik, Tanja Mišić: "Financial health care indicators for Croatia according to the System of Health Accounts (SHA) methodology" Mario Trošelj, Željka Draušnik: "Medical Worker Registry as a statistical instrument for collecting data on health care workers in Croatia"</p>	<p>Room: A, 2nd Floor Session 2: Econometrics and Economics Applications – Part 1 Chair: assist.prof.dr.sc. Anita Čeh Časni, assist.prof.dr. sc. Andrija Mihoci Wolfgang Karl Härdle, Andrija Mihoci, Christopher Hian-Ann Ting: "Adaptive order flow forecasting with multiplicative error models" Lavoslav Čaklović, Doris Božović: "Cumulative prospect evaluation with the moving reference point" Michał Kotnarowski, Gordan Beraković, Branka Hodak, Josip Ivišić, Marino Šeparović: "Looking for statistical twins – propensity score matching as a tool for measuring the effectiveness of Active Labour Market Policies implemented by Croatian Employment Service" Maja Zagorščak, Maja Cigula, Pavle Goldstein: "An Optimisation Method for Iterative Motif Scanning"</p>
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14:50 – 15:20 Coffee Break

Lower Level of Croatian Chamber of Economy; *For all the conference participants.*

15:20 – 16:40 Thursday - Parallel Sessions:

<p>Room: Vijećnica, 1st Floor Session 1: Social Statistics Applications – Part 1 Chair: prof.dr.sc. Diana Šimić, dr.sc. Sanda Čorak Senad Fazlović, Dino Kakeš: "Statistical methods of quality management in the development of improvement user's satisfaction in public sector of Bosnia and Herzegovina" Ivan Sever, Zrinka Marušić, Sanda Čorak: "Assessing the reliability of percentage above cut scores in monitoring tourist satisfaction levels" Amanda L. Golbeck: "Statistical methods in American academic salary equity studies: The early 1970s" Craig A. Molgaard, Tovah Foss: "Economic and literacy factors in the diffusion of zero and the Hindu-Arabic numeral system in the Mediterranean and Adriatic culture areas" Dušan Mundar, Diana Šimić: "Croatian First Football League: Prediction of teams' ranking in the championship" Anita Harmina, Ksenija Dumičić, Berislav Žmuk: "Linear versus double logarithmic cross-country regression: The influence of entrepreneurial activity and competitiveness on real gross domestic product per capita"</p>	<p>Room: A, 2nd Floor Session 2: Advances in Statistical Methods and Methodology Chair: prof.dr.sc. Zagorka Lozanov-Crvenković, prof.dr.sc. Janez Stare Janez Stare: "On some properties of the coefficient of determination" Vlasta Dečković-Vukres, Ana Ivičević Uhernik, Sandra Mihel: "European Health Interview Survey (EHIS), 2nd wave in Croatia" Marjan Cugmas, Anuška Ferligoj: "Comparing two partitions obtained on different sets of units" Emilija Nikolić-Đorić, Zagorka Lozanov-Crvenković: "Estimation of differential entropy" Svjetlana Janković Šoja, Dana Bucalo Jelić, Radojka Maletić: "The ranking of EU countries based on indicators of the EU Sustainable Development Strategy"</p>
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20:00 Gala Dinner

Restaurant "VINODOL", Ul. Nikole Tesle 10, 10000 Zagreb (center of the city)

- *For the conference participants (presenters and accompanying persons) and for the Conference guests with an Invitation-*

Friday, May 06, 2016

8:45 – 9:15 Registration at the conference desk	
9:30 – 10:20 Friday - Parallel Sessions:	
<p>Room: Vijećnica, 1st Floor Session 1: Biometrics in Action Chair: prof.dr.sc. Lidija Zadnik Stirn, prof. dr. sc. Anamarija Jazbec</p> <p>Somnath Datta, Hyoyoung Choo-Wosoba, Steven Levy: “Marginal regression models for clustered count data based on zero-inflated Conway-Maxwell-Poisson distribution with applications”</p> <p>Susmita Datta: “Improved protein inference from tandem mass spectrometry data”</p> <p>Vasja Leban, Donald G. Hodges, Lidija Zadnik Stirn, Janez Krč, Špela Pezdevšek Malovrh: “Assessing technical efficiency and exploring non-discretionary factors with Data Envelopment Analysis and Tobit regression”</p> <p>Zrinka Knezović, Ana Mandić, Nikica Perić, Jure Beljo, Maja Žulj Mihaljević: “Comparison of morphological and genetic characterization in similarity analysis of vine grape cultivars of Herzegovina”</p>	<p>Room: A, 2nd Floor Session 2: Special Session for Young Statisticians Chair: prof.dr.sc. Nataša Erjavec, prof.dr.sc. Mirjana Pejić Bach</p> <p>Eva Demšar, Damijana Kastelec: “The time series modelling of hourly electrical energy net position”</p> <p>Aleksandar Nedanov, Vladimir Jerebić, Lavoslav Čaklović: “Analysis of effective motivation factors among members on entry in agricultural cooperatives”</p> <p>Milica Maričić, Milica Bulajić, Zoran Radojičić, Veljko Jeremić: “Alternative Benefit-of-the-Doubt approach to the Composite I-distance Indicator methodology: The case of QS World University Rankings by Subject”</p> <p>Nikolina Bošnjak: “The actuarial projection method for pension fund's dependency ratio in case of Pension and Disability Insurance Fund of Republic of Srpska”</p>
10:25 – 11:15 Friday - Parallel Sessions:	
<p>Room: Vijećnica, 1st Floor Session 2: Econometrics and Economics Applications – Part 2 Chair: prof.dr.sc. Lidija Zadnik Stirn, prof.dr.sc. Nataša Kurnoga</p> <p>Luka Šikić, Mislav Šagovac: “The time disaggregation of GDP series for chosen five South-East European countries”</p> <p>Irena Palić, Ksenija Dumičić, Maja Čurković: “The analysis of banking sector assets concentration measures in Croatia from 2003 to 2014”</p> <p>Lidija Zadnik Stirn: “Measuring and ranking social preferences of investment project alternatives using particular multivariate methodology”</p> <p>Ksenija Dumičić, Josipa Akalović Antić: “The Palma ratio and the Gini coefficient in measuring inequality of households' income in selected European countries”</p>	<p>Room: A, 2nd Floor Session 1: Social Statistics Applications – Part 2 Chair: prof.dr.sc. Vesna Buško, prof.dr.sc. Anamarija Jazbec</p> <p>Vesna Špac, Anamarija Jazbec: “Qualitative and quantitative changes of Croatian Forestry Journals - Results of link and correspondence Analysis”</p> <p>Vesna Buško: “Latent change variable models: Applications in personality and emotional intelligence research”</p> <p>Igor Gruić: “Pattern recognition, evaluation and generalization of kinesiological phenomena from heterogenous sample via method of partialization of variance”</p> <p>Mirjana Pejić-Bach, Zrinka Marušić, Jovana Zoroja: “Impact of ICT and organizational readiness on innovations in hotel and travel agency service industry: Preliminary research”</p>
11:15 – 11:45 Coffee Break	
Lower Level of Croatian Chamber of Economy; <i>For all the conference participants.</i>	

11:50 – 13:10 Friday - Parallel Sessions:

<p>Room: Vijećnica, 1st Floor Session 2: Econometrics and Economics Applications – Part 3 Chair: prof.dr.sc. Nataša Erjavec, assist. prof.dr.sc. Saša Jakšić</p>	<p>Room: A, 2nd Floor Session 2: Econometrics and Economics Applications-Part 4: Workshop of the „Statistical Modelling for Response to Crisis and Economic Growth in Western Balkan Countries“ – STRENGTHS, Project of the Croatian Science Foundation (No. IP-2013-9402). Chair: assist prof.dr.sc. Anita Čeh Časni, dr.sc. Berislav Žmuk</p>
<p>Blagica Novkovska: “The size of the hidden economy in Macedonia: Tendencies and challenges</p> <p>Velimir Šonje, Jasena Torma Kukavčić: “A micro data approach to the identification of financial constraints in Croatia”</p> <p>Nataša Erjavec, Saša Jakšić: “Differences in Croatian regional labour market adjustment mechanisms”</p> <p>Martina Basarac Sertić, Martina Harc: “The determinants of employment of small and medium-sized enterprises in the European Union: A panel data analysis”</p> <p>Mario Bambulović, Ivan Huljak: “Technical efficiency of banks in Croatia”</p> <p>Snježana Pivac, Željana Aljinović Barać, Ivana Tadić: “Multivariate analysis of human capital investments and national welfare in EU countries”</p>	<p>Berislav Žmuk: “Evaluation of mean imputation method appropriateness in business surveys: Case of statistical methods use survey in Croatian enterprises”</p> <p>Emina Resić, Jasmina Mangafić, Tunjo Perić: “Multivariate statistical methods as a tool of industry financial analysis: Evidence from Bosnia and Herzegovina construction industry”</p> <p>Vesna Bucevska, Dragan Denkovski: “The day of the week effect on the Macedonian Stock Market Index”</p> <p>Anita Čeh Časni: “Modelling housing wealth effect on personal consumption in selected EU countries”</p> <p>Zrinka Marušić, Berislav Žmuk: “Tourism and environmental assets: Review of valuation studies in Western Balkan Countries”</p> <p>Dajana Barbić, Vlasta Bahovec, Irena Palić: “Financial literacy and financial successfulness: How do Croatian women fare?”</p>
<p align="center">13:10 – 14:00 Break: Light Lunch (Finger Food) Lower Level of Croatian Chamber of Economy, <i>For all the conference participants.</i></p>	
<p align="center">14:05 – 14:45 Closing Ceremony & Best Paper Awards</p>	

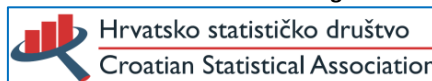
The presentations should last no more than 10-12 minutes in total. All the chairs are kindly asked to follow this instruction!

The ISCCRO'16 Conference Patrone:



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