



International Conference on Official Statistics ICOS2019

November 14-15, 2019
Sarajevo, Bosnia and Herzegovina

CONFERENCE AGENDA

Conference venue

School of Economics and Business, University of Sarajevo
Trg Oslobođenja Alija Izetbegović 1, 71000 Sarajevo

DAY 1: Thursday, November 14, 2019

08:00 – 09:30	Participant Registration
09:30 – 10:15	Conference opening Jasmina Selimović , Dean, School of Economics and Business, University of Sarajevo Emir Kremić , Director, Institute for Statistics of FB&H Fadil Novalić , Prime Minister of the Federation of BiH Nancy J. Eslick , USAID Mission Director to BiH Dr. Harry Miller , in memoriam
10:15 – 10:30	Coffee/tea break
10:30 – 12:00	Keynote Speakers Dr. Edwin Diday , Professor emeritus, Paris Dauphine University France, <i>Presentation of the main concepts of Symbolic Data Analysis: theory and practice</i> Dr. Ksenija Dumičić , Professor, Faculty of Economics and Business, University of Zagreb, <i>Eurostat's Navigation Tools for Research and Motivation in Teaching Statistics: EU Enlargement Countries' Data in Focus</i> Dr. Robert Stehrer , The Vienna Institute for International Economic Studies, <i>Tangible and Intangible Assets in the Growth Performance of the EU, Japan and the US - A comparative analysis based on the EU KLEMS Release 2019</i>

12:00 – 12:15	Coffee/tea/snack break
12:15 – 13:45	<p>Panel (FZS): Razvoj i unapređenje metodologija anketnih istraživanja statističkih institucija u jugoistočnoj Evropi (Amphitheater Tondach, 3rd floor, Moderator: Amela Vesković)</p> <p>Vesna Lipavić, The Croatian Bureau of Statistics Croatia, Croatia, The head of Social Statistics Sector, <i>Izazovi usklađivanja anketnih istraživanja sa EU standardima na Zapadnom Balkanu</i></p> <p>Martina Špundak, The Croatian Bureau of Statistics Croatia, Croatia, Labour Market Statistics -The head of Department, <i>Analiza neformalne zaposlenosti u ARS-u: pristupi, izazovi, rješenja</i></p> <p>Vesna Pantelić, The Statistical Office of the Republic of Serbia, Serbia, Acting Assistant Director - Department Group for Coordination of the Statistical System, <i>Discrepancies between employment from administrative sources and LFS employment: case of Serbia</i></p> <p>Nataša Mijakovac, The Statistical Office of the Republic of Serbia, Serbia, The head of Living Standards Statistics Division, <i>Discrepancies between employment from administrative sources and LFS employment: case of Serbia</i></p> <p>Ivana Tanjević, Statistical office of Montenegro – MONSTAT, Montenegro, Department of Labour market - The head of Department, <i>Methodological differences in survey and registered unemployment in Montenegro</i></p> <p>Lazo Šegrt, Institute for Statistics of Republic of Srpska, B&H, Senior associate for agricultural and fishery statistics, <i>Annual farm sample survey as an instrument for improving quality of agricultural statistics and harmonization with the EU regulations</i></p>
14:00 – 15:00	Lunch
15:00 – 16:30	<p>Parallel Session 1a, Official Statistics (improvement, harmonization, data collection, tools, methods, sector-specific statistics, etc.) (Amphitheater Tondach, 3rd floor. Moderator: Edin Šabanović, Msc)</p> <p>Emma Mišić, Statistical Office of the Republic of Slovenia, <i>Business Statistics and the Use of Administrative Data</i></p> <p>Hasan (M) Hanic, Milica (Z) Bugarcic, Lejla (R) Dacic, Belgrade banking academy, University "Union" Belgrade, Faculty of Management and Business Economics, University of Travnik, <i>Examination of the impact of household income on expenditure on clothing and footwear in Bosnia and Herzegovina and Serbia</i></p> <p>Merima Balavac, Josefina Posadas, School of Economics and Business, University of Sarajevo, The World Bank Group, <i>Evaluation of the Employment Program Opportunity for All of the Federation of Bosnia and Herzegovina</i></p> <p>Dragana Radicic, Geoff Pugh, Mehtap Hisarciklilar, Lincoln International Business School, Staffordshire University Business School, School of Economics, Finance and Accounting, Coventry University, <i>Individual and policy mix effects of regional and national R&D subsidies on the cooperative behaviour of Spanish manufacturing firms</i></p>

Serhat Atakul, Turkish Statistical Institute, *Localized Dissemination System*

Edin Šabanović, Rabija Somun-Kapetanović, Agency for Statistics of Bosnia and Herzegovina, School of Economics and Business, University of Sarajevo, *Methods for treatment of missing data in statistical surveys: overview of existing solutions*

Filipe Afonso, Edwin Diday, Simona Korenjak-Černe, Aleša Lotrič Dolinar, Symbad – Le Symbolic Data Lab, CEREMADE, University Paris-Dauphine, University of Ljubljana Faculty of Economics, *Studying EU countries regarding mortality with SYR program*

15:00 – 16:30

Parallel Session 1b, Application of statistical methodology (Economics, Finance, Health, Education and other related disciplines) and Business Statistics (use of administrative and accounts data, challenges and development)
(E-net Center, 3rd floor, Moderator: Emina Resić, PhD)

Irma Đideliija, Rabija Somun-Kapetanović, The Faculty of Economy of Dzemal Bijedic University of Mostar, School of Economics and Business, University of Sarajevo, *Analysis of the factor of savings of private profit enterprises in BiH by application of ECM methodology*

Lejla Turulja, Nijaz Bajgorić, School of Economics and Business, University of Sarajevo, *Comparison of structural equation modelling and multiple regression techniques for moderation and mediation effect analysis*

Le Thai Hong, Bournemouth University, *Convergence and heterogeneity in global diets*

Anshul Saxena, Sankalp Das, Muni Rubens, Joseph Salami, Chintan Bhatt, Tian Tian, Lejla Turulja, Peter McGranaghan, Louis Gidel, Emir Veleđar, Baptist Health South Florida, School of Economics and Business, University of Sarajevo, *Predicting employee health and cost: application of machine learning on employee health claims data, insights and possibilities*

Ksenija Dumičić, Blagica Novkowska, Emina Resić, Faculty of Economics and Business, University of Zagreb, Faculty of Economics, University of Tourism and Management in Skopje, School of Economics and Business, University of Sarajevo, *Share of adults who order goods or services online influenced by share of those with digital skills broken down by gender: cluster analysis across European countries*

Irzada Taljić, Adela Delalić, University of Sarajevo, Faculty of Educational Sciences, School of Economics and Business, University of Sarajevo, *Relation between BMI of adolescents and socio-economic status of family*

Sanjin Čengić, Institute for Statistics of Federation BiH, *The fourth industrial revolution and ICT sector in Bosnia and Herzegovina*

19:00

Evening Reception for participants and guests

Cocktail and the Best Student Paper Awards ceremony

@ Hotel Europe, Vladislava Skarića 5, 71000 Sarajevo

DAY 2: Friday, November 15, 2019

09:00 – 10:30	Keynote Speakers Dr. Cesar Cancho , World Bank, <i>Time to quit: The Tobacco tax increase and household welfare in Bosnia and Herzegovina</i> Dr. Vassilis Monastiriotis , London School of Economics and Political Science, <i>The local economic effects of soft borders - Evidence from the dissolution of the Union of Serbia and Montenegro</i> Dr. Jasmin Komić , Director Republic Srpska Institute of Statistics, <i>Some aspects of quantitative analysis of development role of gross expenditures for research and development</i>
10:30 – 10:45	Coffee/tea break
11:00 – 13:00	Parallel Session 2a: Econometrics modelling for policy making, Social and welfare statistics and Big data and machine learning (Amphitheater Tondach, 3rd floor, Moderator: Adela Delalić, PhD) Dedić Lejla, Merima Balavac , School of Economics and Business, University of Sarajevo, <i>Determinants of Customer Satisfaction in the Hotel Industry: Application of Factor Analysis and Ordinal Logistic Model</i> Adela Delalić, Ademir Abdić, Muamer Halilbašić , School of Economics and Business, University of Sarajevo, <i>How efficient is the targeting in Social Services in Federation of Bosnia and Herzegovina?</i> Renzo Castellares, Gerson Cornejo , Central Reserve Bank of Peru, <i>Leading indicator for employment using big data</i> Jelena Suzić , Statistical Office of the Republic of Serbia, <i>Methodological research in the Serbian survey on income and living conditions</i> Emina Resić, Ademir Abdić, Adem Abdić, Fahir Kanlić , School of Economics and Business, University of Sarajevo, Agency for Statistics of Bosnia and Herzegovina, <i>Modelling and forecasting GDP in Bosnia and Herzegovina using ARIMA models</i> Tea Baldigara , University of Rijeka Faculty of Tourism and Hospitality Management, <i>Modelling the employment in Croatian tourism and hotel industry using the Box-Jenkins and the neural network methodology</i> Edin Šabanović , Agency for Statistics of Bosnia and Herzegovina, <i>Targeting by numbers: the use of official statistics for estimating social transfers distribution in Bosnia and Herzegovina</i> Merima Balavac, Selena Begović , School of Economics and Business, University of Sarajevo, <i>The effect of non-tariff barriers on export of CEFTA member countries</i>

11:00 – 13:00

**Parallel Session 2b: Special session for students and young researchers
(E-net Center, 3rd floor, Moderator: Almira Arnaut-Berilo, PhD)**

Emil Ninković, School of Economics and Business, University of Sarajevo,
*Analysis of factors affecting youth to vote on elections case study: Students of
School of Economics and Business at the University of Sarajevo*

Zemina Selmani, School of Economics and Business, University of Sarajevo,
*Analysis of the main factors that cause stress during the education at the School
of Economics and Business at the University of Sarajevo*

Ajla Šušić, School of Economics and Business, University of Sarajevo,
*Determinants of success of studying at the School of Economics and Business at
the University of Sarajevo*

Eldar Komar, Emina Kuloglija, School of Economics and Business, University of
Sarajevo, *Economic determinants of students' academic achievement in Bosnia
and Herzegovina*

13:00 – 14:00

Lunch

Closing of the conference
