



ISCCRO'20 Conference Programme

The conference will be held online on **Google Meet***:
<https://meet.google.com/lookup/driu4h72qf>

Thursday, October 15, 2020

09:45 – 10:00	Get-together Online
10:00 – 10:15	Opening Ceremony
10:15 – 11:00	Plenary Speech – Josip Arnerić, PhD
11:00 – 11:15	Break
11:15 – 12:45	Session 1: Methods & Theory
12:45 – 13:45	Session 2: Official Statistics & Public Policy
13:45 – 14:00	Break
14:00 – 14:45	Session 3: Biometrics and Medical Statistics
14:45 – 15:45	Special Session: Sport Science – from Biostatistics to Economics

Friday, October 15, 2020

09:00 – 09:45	Plenary Speech – Veljko Jeremić, PhD
09:45 – 10:00	Break
10:00 – 11:30	Session 4: Social Statistics
11:30 – 12:30	Session 5: Data Science
12:30 – 12:45	Break
12:45 – 13:45	Session 6: Industry & Commerce
13:45 – 14:15	Session 7: Communicating & Teaching Statistics
14:15 – 14:30	Break
14:30 – 15:00	Plenary Speech – James Cochran, PhD
15:00 – 15:10	Closing Ceremony

All times are local Zagreb, Croatia (GMT+2).

Note: In order to be able to join the Google Meet you should have active **Google account** (detailed instructions are available here: <https://support.google.com/accounts/answer/27441?hl=en>).

Thursday, October 15, 2020

09:45 – 10:00 Get-together Online

10:00 – 10:10 Opening Ceremony

Opening Ceremony is pre-recorded and it is available at:
<https://www.youtube.com/watch?v=XWUedFLRwc4>

Note: The video will start at 9:45 but the official part of the Opening Ceremony starts at 10:00.

Opening Programme Coordinator:

Anita Čeh Časni, PhD

Secretary of Croatian Statistical Association

The ISCCRO'20 Program Chair:

Berislav Žmuk, PhD

President of Croatian Statistical Association

The ISCCRO'20 supporter:

Kosjenka Dumančić, PhD

Vice Dean for International Relationships and Projects
University of Zagreb, Faculty of Economics & Business

10:15 – 11:00 Plenary Speech – Josip Arnerić, PhD

Plenary Speech:

Josip Arnerić, PhD

University of Zagreb, Faculty of Economics and Business Zagreb

Plenary Speech title:

“Volatility estimation using high frequency data: Challenges and issues”

11:00 – 11:15 Break

11:15 – 12:45 Session 1: Methods & Theory

Presentation 1

Author(s): **Marinela Knežević**

Title: **“Independent component analysis as a dimensionality reduction method on public sector buildings energy data”**

Presentation 2

Author(s): **Sutawanir Darwis, Nusar Hajarisman, Suliadi Suliadi, Achmad Widodo**

Title: **“Exploring bearing prognosis using support vector regression”**

Presentation 3

Author(s): **Tea Šestanović, Zoran Babić**

Title: **“Probability distribution selection using PROMETHEE GDSS method”**

Presentation 4

Author(s): **Marija Vuković, Snježana Pivac, Zoran Babić**

Title: **“Comparative analysis of stock selection using a hybrid MCDM approach and modern portfolio theory”**

Presentation 5

Author(s): **Jelena Gusić, Diana Šimić**

Title: **“A simulation study of parcelling in confirmatory factor analysis”**

Presentation 6

Author(s): **Veljko Jeremić, Mladen Stamenković, Milica Maričić**

Title: **“Are self-citations making an impact? Investigating the differences between scientific fields”**

12:45 – 13:45 Session 2: Official Statistics & Public Policy

Presentation 1

Author(s): **Vasilij Centrih, Andreja Smukavec, Nataša Bučar, Marta Arnež, Andrej Viršček**

Title: **“Mode effect analysis in the case of daily passenger mobility survey”**

Presentation 2

Author(s): **Delian Tolev**

Title: **“Indirect influence of the fiscal policy of the USA on GDP growth and the output gap”**

Presentation 3

Author(s): **Zrinka Marušić, Marijana Kožul, Ivana Brozović**

Title: **“Administrative data in producing new tourism statistics: Case of non-commercial accommodation statistics in Croatia”**

Presentation 4

Author(s): **Mile Bošnjak, Ivan Novak, Maja Bašić**

Title: **“Hedging against inflation in Croatia: A wavelet based analysis”**

13:45 – 14:00 Break

14:00 – 14:45 Session 3: Biometrics and Medical Statistics

Presentation 1

Author(s): **Anamarija Jazbec, Mislav Vedriš**

Title: **“Influence of state maturity results on undergraduate study performance at the Faculty of Forestry University of Zagreb”**

Presentation 2

Author(s): **Hrvoje Jošić**

Title: **“Investigating the socio-economic catalysers of COVID-19 spread”**

Presentation 3

Author(s): **Zoran Bursac**

Title: **“Flexible Hypertabastic survival models: Theory and methods”**

14:45 – 15:45 Special Session: Sport Science – from Biostatistics to Economics

Session chairs: **Igor Gruić, PhD and Dániel Kehl, PhD**

Presentation 1

Author(s): **András Gyimesi**

Title: **“The importance of early and late games for attendance demand: The case of European football”**

Presentation 2

Author(s): **Diána Fűrész, Dániel Kehl, Gábor Rappai**

Title: **“Measuring value of the national character”**

Presentation 3

Author(s): **László Csóka, Réka Hegedüs, Mária Törőcsik**

Title: **“Testing the validity of the Hungarian Sport Motivation Scale on a general non-competitive athlete sample”**

Presentation 4

Author(s): **Milica Maričić, Veljko Jeremić, Marina Dobrota**

Title: **“Structural equation modelling approach to goal scoring analysis: The case of Premier League”**

Friday, October 16, 2020

09:00 – 09:45 Plenary Speech – Veljko Jeremić, PhD

Plenary Speech:

Veljko Jeremić, PhD

University of Belgrade, Faculty of Organizational Sciences, Department of Operations Research and Statistics

Plenary Speech title:

“Road to a world-class university: Measuring excellence in the field of statistics and operational research”

09:45 – 10:00 Break

10:00 – 11:30 Session 4: Social Statistics

Presentation 1

Author(s): **Samo Drobne**

Title: **“Differences in SI-NUTS 3 regions by gender”**

Presentation 2

Author(s): **Berislav Žmuk**

Title: **“Estimating response rates in a business web survey: Different scenario approaches”**

Presentation 3

Author(s): **Ricardo Martín Flores**

Title: **“Organizational innovation for small and medium-sized enterprises: A model for Latvia”**

Presentation 4

Author(s): **Tamara Sladoljev-Agejev, Svjetlana Kolić-Vehovec, Anamarija Jazbec**

Title: **“Business and economics students' self-reports on academic reading in English as L2: A factor analysis”**

Presentation 5

Author(s): **Veljko Jeremić, Janna Besamusca, Stephanie Steinmetz**

Title: **“Untangling the regional differences in Serbia: Evidence from the European Social Survey”**

Presentation 6

Author(s): **Tijana Ivljanin, Veljko Jeremić, Milica Maričić, Marina Dobrota**

Title: **“Comparative analysis of TripAdvisor and Yelp review scores”**

11:30 – 12:30 Session 5: Data Science

Presentation 1

Author(s): **Borislava Vrigazova**

Title: **“Predicting colon cancer based on the tenfold bootstrap for machine learning”**

Presentation 2

Author(s): **Jasminka Dobša, Dalibor Bužić**

Title: **“Classification of text according to emotions using matrix factorizations”**

Presentation 3

Author(s): **Maja Buhin Pandur, Jasminka Dobša, Luka Kronneger**

Title: **“Topic modelling using Latent Dirichlet Allocation for bibliography of Slovenian researchers”**

Presentation 4

Author(s): **Silvija Vlah Jerić**

Title: **“Comparing classification algorithms for prediction on CROBEX data”**

12:30 – 12:45 Break

12:45 – 13:45 Session 6: Industry & Commerce

Presentation 1

Author(s): **Gloria Gheno**

Title: **“A new link function for Beta regression model”**

Presentation 2

Author(s): **Gloria Gheno**

Title: **“Bibliometric and text analysis: Relationship between innovation and big data”**

Presentation 3

Author(s): **Ivo Beroš, Nikica Hlupić, Danijel Butković**

Title: **“Power Pivot for Excel as a tool for descriptive analytics”**

Presentation 4

Author(s): **Ana-Marija Stjepić, Mirjana Pejić Bach, Vesna Bosilj Vukšić**

Title: **“Investigation of BIS adoption in Croatian tertiary SMEs: Technological dimension within the TOE framework”**

13:45 – 14:15 Session 7: Communicating & Teaching Statistics

Presentation 1

Author(s): **Maja Dolinar, Irena Ograjenšek**

Title: **“Usability of open source research tools for teaching transparent and reproducible research”**

Presentation 2

Author(s): **Mirjana Pejić Bach, Jovana Zoroja, Ivan Miloloža**

Title: **“Presentation skills of business and economics students: Cluster analysis”**

14:15 – 14:30 Break

14:30 – 15:00 Plenary Speech – James Cochran, PhD

Plenary Speech:

James Cochran, PhD

University of Alabama

Plenary Speech title:

“A failure of collective science: The case of the relative age effect and denying the antecedent”

15:00 – 15:10 Closing Ceremony

Closing Programme Coordinator:

Anita Čeh Časni, PhD

Secretary of Croatian Statistical Association



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