



5 - 9 OCTOBER 2025
The Hague

65th ISI World Statistics Congress - Full Programme

Sunday, 5 October 2025

13:00–14:00 **National Statistical Offices' & National Statistical Societies' Open Meeting for Officers of NSO's and NSS's**

Administrative
Meetings
Room - Amazon

Short Description

Open

16:00–17:30 **Opening Ceremony**

Opening Ceremony
Auditorium - King
Willem Alexander

Participants:

Presenter/Speaker: Oliver J. M Chinganya

Presenter/Speaker: Xuming He

Presenter/Speaker: Adrian Röllin

Presenter/Speaker: Angelique Berg

Short Description

Kick off WSC 2025 with welcomes, cultural performances, and the International Prize in Statistics.

17:30–19:30 **Networking Reception**

Networking /
Reception
Lobby - Queen
Maxima

Monday, 6 October 2025

08:00–09:10 SIPS 1125 - International Prize in Statistics Winner Lecture

SIPS
Auditorium - King
Willem Alexander

Participants:

Chair: Jessica Utts

09:20–10:30 IPS 1099 - Statistical inference on various data structure

IPS
Room - Europe 2

Piecewise linear barrier probability and option pricing

Author: Hangsuck Lee

An Efficient Estimation Method for Latent Variable Models with Amortized Adaptive Importance Sampling

Author: Hyonho Chun

Participants:

Chair: Byungtae Seo

Presenter/Speaker: Hangsuck Lee

Presenter/Speaker: Hyonho Chun

Presenter/Speaker: Jisu KIM

09:20–10:30 SIPS 1100 - ISBIS Applied Stochastic Models in Business and Industry Journal Session

SIPS
Room - Antarctica

Modeling Power Outages under a Random Environment: A Bayesian Approach

Author: Fabrizio Ruggeri

Participants:

Chair: Prof. Nalini Ravishanker

Presenter/Speaker: Fabrizio Ruggeri

Discussant: Kimberly F. Sellers

Discussant: Thomas Mazzuchi

09:20–10:30 SIPS 1109 - TIES President's Invited Speaker

SIPS
Room - Yangtze 1

TIES: AEEI award plenary presentation: Fast Computer Model Calibration using Annealed and Transformed Variational Inference

Author: Nathaniel Newlands

Fast Computer Model Calibration using Annealed and Transformed Variational Inference

Author: Won Chang

Participants:

Chair: Claire Ann Miller

Presenter/Speaker: Nathaniel Newlands

Presenter/Speaker: Won Chang

09:20–10:30 SIPS 1117 - IASE Statistical Education Research Journal

SIPS
Room - Asia

Participants:

Chair: Prof. Iddo Gal

Panellist: Bruno de Sousa

Panellist: Aisling Leavy

Panellist: Stephanie Clare Budgett

Panellist: Daniel Frischemeier

09:20–10:30 SIPS 1141 - BS Ethel Newbold Award Lecture

SIPS
Room - South
America

On the Benefits of Accelerated Optimization in Robust and Private Estimation

Author: Po-Ling Loh

Participants:

Chair: Adrian Röllin

Presenter/Speaker: Po-Ling Loh

Presenter/Speaker: Po-Ling Loh

Organiser: Bernoulli Society

09:20–10:30 SIPS 1142 - IASC President's Invited Speaker

SIPS
Room - Yangtze 2

Algorithmic Intelligence in the Quantum-AI Era: A Statistical Perspective from Complex Systems

Author: Dr Ying Chen

Participants:

Presenter/Speaker: Dr Ying Chen

Chair: Chun-houh Chen

Classifying respondent comments from the 2021 Canadian Census of Population using machine learning methods

Author: Joanne Yoon

From COACH to COACH+: Automating output checking with human-in-the-loop

Author: Manel Slokom

LLM-Assisted Record Linkage: Framework for Record Linkage in Official Statistics

Author: Hanan Ather

Participants:

Presenter/Speaker: Peter-Paul de Wolf

Chair: Gary Dunnet

Presenter/Speaker: Joanne Yoon

Presenter/Speaker: Hanan Ather

Presenter/Speaker: Manel Slokom

Presenter/Speaker: Jel vankan

Participants:

Chair: Prof. Kerrie Mengersen

Presenter/Speaker: Trevor John Hastie

Presenter/Speaker: Hui Zou

A novel approach for forecasting high-dimensional conditional covariance matrices using general dynamic factor models

Author: [Carlos Cesar Trucios Maza](#)

International vulnerability of inflation

Author: [Carlos Vladimir Rodriguez Caballero](#)

Measuring realized interdependencies from volatility and liquidity

Author: [Massimiliano Caporin](#)

Participants:

Organiser: [Carlos Cesar Trucios Maza](#)

Presenter/Speaker: [Paulo Canas Rodrigues](#)

Presenter/Speaker: [Massimiliano Caporin](#)

Presenter/Speaker: [Massimiliano Caporin](#)

Presenter/Speaker: [Carlos Vladimir Rodriguez Caballero](#)

Edge preserving priors for inverse problems

Author: [Hanne Kekkonen](#)

Statistical Algorithms for Low Frequency Diffusion Data

Author: [Matteo Matteo Giordano](#)

Participants:

Presenter/Speaker: [Hanne Kekkonen](#)

Organiser: [Randolf Altmeyer](#)

Presenter/Speaker: [Matteo Matteo Giordano](#)

Presenter/Speaker: [Matteo Giordano](#)

Presenter/Speaker: [Sofia Mäkinen](#)

Presenter/Speaker: [Francesco Pozza](#)

10:50–12:30

**IPS 663 - Increasing Opportunities and Strengthening Achievements
of Women in Statistics by Embracing Diversity, Equity, and Inclusion**

IPS
Room - North
America

A woman called David: She/her in the times of he/him

Author: [Amanda Golbeck](#)

Building a pipeline of women statisticians and future leaders

Author: [Shili Lin](#)

Gender equality in the Serbian scientific research community: Myth or reality?

Author: [Miss Milica Maricic](#)

The Role of Women in Hungarian Agriculture

Author: [Eva Laczka](#)

Nan Laird - Florence Nightingale of today

Author: [Sayantee Jana](#)

Participants:

Presenter/Speaker: [Sayantee Jana](#)

Presenter/Speaker: [Miss Milica Maricic](#)

Organiser: [Prof. Ksenija Dumcic](#)

Chair: [Prof. Blagica Novkovska](#)

Presenter/Speaker: [Eva Laczka](#)

Presenter/Speaker: [Amanda Golbeck](#)

Discussant: [Pilar Martin-Guzman](#)

Discussant: [James Cochran](#)

Presenter/Speaker: [Shili Lin](#)

10:50–12:30

IPS 734 - Data Science and Official Statistics: Toward a New Culture

IPS
Room - Central
America

Creating data science centre within NSOs

Author: [Dr Diana Dilshanie Deepawansa](#)

Data Science and Official Statistics

Author: [Dr Osulale Peter Popoola](#)

Data science and fundamental principle of official statistics

Author: [Misha Belkindas](#)

Integrating Data Science into Official Statistics

Author: [Elisabetta Carfagna](#)

Participants:

Organiser: [Dr Osulale Peter Popoola](#)

Presenter/Speaker: [Elisabetta Carfagna](#)

Presenter/Speaker: [Dr Diana Dilshanie Deepawansa](#)

Presenter/Speaker: [Misha V. Belkindas](#)

Presenter/Speaker: [Misha Belkindas](#)

Discussant: [Jurate Petrauskiene Valstybes](#)

An Efficient Semi-automated Data Export Checking System to Avoid Confidential Data Leakage

Author: Titouan Rigaud

Improving access to microdata for researchers

Author: Nikolaj Borg Burmeister

Simulated microdata to enhance access to public sector data

Author: Joseph Chien

Participants:

Chair: Mr Eric Schulte Nordholt

Discussant: Peter-Paul de Wolf

Presenter/Speaker: Anders Holmberg

Presenter/Speaker: Titouan Rigaud

Presenter/Speaker: Nikolaj Borg Burmeister

Presenter/Speaker: Paul Schubert

Presenter/Speaker: Joseph Chien

Development and statistical accounting practices of China's digital economy

Author: ZHIHUA TANG

Statistical accounting of data asset: Framework and application

Author: Facang Zhu

Measuring government data asset value: Practical experience from Zhejiang province, China

Author: He Zhu

Digital Asset Accounting and its Contribution to Economic Growth

Author: Yingmei Xu

Participants:

Organiser: Yafei Wang

Chair: Shujian Xiang

Discussant: Haiqi Lyu

Presenter/Speaker: Yingmei Xu

Discussant: JINZHU DU

Presenter/Speaker: ZHIHUA TANG

Presenter/Speaker: Facang Zhu

Presenter/Speaker: He Zhu

Presenter/Speaker: SIYANG WU

10:50–12:30

IPS 786 - Challenges for Census Takers – Stick, Twist or Evolve?

IPS
Room - Antarctica

Assessing the potential of moving to an admin-based census supported by surveys for the 2028 Census of New Zealand

Author: Vincent Charles Galvin

The Australian Census: planning for 2031 and the role of administrative data

Author: Ross Watmuff

Transforming population and migration statistics in England and Wales

Author: Owen Abbott

Participants:

Presenter/Speaker: Vincent Charles Galvin

Presenter/Speaker: Owen Abbott

Organiser: Gareth Minshall

Discussant: James Brown

Chair: Tim Linehan

Presenter/Speaker: Ross Watmuff

10:50–12:30

IPS 812 - Experimental and Observational Causal Inference in the Tech Industry

IPS
Room - Asia

A General Design-Based Framework and Estimator for Randomized Experiments

Author: Fredrik Sävje

An Experimental Design for Anytime-Valid Causal Inference on Multi-Armed Bandits

Author: Iavor Bojinov

Experimental Design in One-sided Matching Platforms

Author: NIAN SI

STEDII: A practical framework for good metrics with focus on experimentation and LLMs

Author: Somit Gupta

Participants:

Organiser: Prof. Nathaniel Stevens

Presenter/Speaker: Iavor Bojinov

Presenter/Speaker: Somit Gupta

Presenter/Speaker: Fredrik Sävje

Presenter/Speaker: NIAN SI

Central Limit Theorem for the Crossing Number of a Random Geometric Graph

Author: [Hanna Döring](#)

Limit theorems for stabilising functionals

Author: [Matthias Schulte](#)

Quantitative normal approximations in the convex distance, with applications to coverage processes

Author: [Giovanni Peccati](#)

Participants:

Presenter/Speaker: [Giovanni Peccati](#)

Chair: [Adrian Fischer](#)

Organiser: [Tara Trauthwein](#)

Presenter/Speaker: [Hanna Döring](#)

Presenter/Speaker: [Matthias Schulte](#)

Big Data and AI transformations in emerging scientific and Population Studies

Author: [Sreyams Sathyan](#)

Establishing a Data Science Unit within Burkina Faso's National Observatory of Population Health (ONSP) to Enhance Public Health Decision-Making

Author: [Prof. Sathiya Susuman Appunni](#)

Exploring AI in Mathematica and Its Statistical Applications

Author: [Prof. Sathiya Susuman Appunni](#)

Exploring Artificial Intelligence in Mathematica and Its Applications in Statistics

Author: [Prof. Sathiya Susuman Appunni](#)

The mystery and trajectories of access and utilization of big data in Ethiopia: Analysis of organizational readiness

Author: [Nigatu Regassa](#)

Trends and determinants of adolescent alcohol use in South Africa, 2002- 2017

Author: [Prof. Sathiya Susuman Appunni](#)

Participants:

Organiser: [Prof. Sathiya Susuman Appunni](#)

Presenter/Speaker: [Sreyams Sathyan](#)

Presenter/Speaker: [Aristide Bado](#)

Presenter/Speaker: [Tsawe Mluleki](#)

Presenter/Speaker: [Nigatu Regassa](#)

Discussant: [Kanayo Ogujiuba](#)

Panellist: [Siaka Lougue](#)

Panellist: [Yishak Lailulo](#)

Presenter/Speaker: [Godswill Osuafor](#)

Discussant: [Tronic Sithole](#)

Discussant: [Knowledge Sithole](#)

Chair: [Sathiya Appunni](#)

Panellist: [Badolo Hermann](#)

Presenter/Speaker: [Sreyams Sathyan](#)

10:50–12:30

IPS 872 - Functional Data Analysis Approaches on Wearable Device Data

IPS
Room - Oceania

A case study of pupil dynamics after cannabis consumption using crossed multilevel function-on-scalar regression

Author: [Julia Wrobel](#)

Distributional approaches for analysis of Continuous Glucose Monitoring (CGM) data

Author: [Irina Gaynanova](#)

Modeling continuous monitoring glucose curves by Beta generalized non-parametric models

Author: [Nihan Acar Denizli](#)

Participants:

Chair: [Ana M. Aguilera](#)

Organiser: [Nihan Acar Denizli](#)

Discussant: [Pedro Delicado](#)

Presenter/Speaker: [Julia Wrobel](#)

Presenter/Speaker: [Irina Gaynanova](#)

10:50–12:30

IPS 890 - Recent Advances in Missing Data Methods for Health Research

IPS
Room - Mississippi

A multiple imputation-based sensitivity analysis approach for data missing not at random

Author: [Chengcheng Hu](#)

A multiple imputation-based sensitivity analysis approach for regression analysis with an MNAR covariate

Author: [Chiu-Hsieh Hsu](#)

Variational Bayesian Multiple Imputation in High-Dimensional Regression Models With Missing Responses

Author: [Recai Yucel](#)

Participants:

Organiser: [Chiu-Hsieh Hsu](#)

Presenter/Speaker: [Chengcheng Hu](#)

Presenter/Speaker: [Recai Yucel](#)

ANN Estimation of the Time Series ModelsAuthor: [Ostap Okhrin](#)**Cross-temporal forecast reconciliation at digital platforms with machine learning**Author: [Ines Wilms](#)**Graph Clustering and Ranking for Time Series with Applications to Lead-Lag Detection in Equity Markets**Author: [Mihai Cucuringu](#)**New Time Series from Textual Data - Machine Learning meets Statistics**Author: [Peter Winker](#)**Optimal experimental design for bio-accelerated mineral weathering**Author: [Tim Verdonck](#)**Participants:**Presenter/Speaker: [Peter Winker](#)Chair: [Johannes Lederer](#)Organiser: [Simon Trimborn](#)Presenter/Speaker: [Ines Wilms](#)Presenter/Speaker: [Ostap Okhrin](#)Presenter/Speaker: [Mihai Cucuringu](#)Presenter/Speaker: [Tim Verdonck](#)**AI in Doctoral Supervision in Statistics**Author: [Danielle Jade Roberts](#)**Data science for public good: From the classroom to practice**Author: [Freedom Gumedze](#)**Portfolios of Learning Evidence and Interview Assessments in a Mathematical Statistics Course**Author: [Michael von Maltitz](#)**A guiding rubric for the early-career doctoral supervisor in Statistics**Author: [Ansie Smit](#)**Participants:**Panellist: [Prof. Delia North](#)Presenter/Speaker: [Freedom Gumedze](#)Panellist: [Prof. Daniel Maposa](#)Presenter/Speaker: [Danielle Jade Roberts](#)Chair: [Inger Fabris-Rotelli](#)Organiser: [Michael von Maltitz](#)Presenter/Speaker: [Thomas Farrar](#)Presenter/Speaker: [Ansie Smit](#)

10:50–12:30

**IPS 936 - Innovative Approaches to Developing and Compiling
Globalisation Statistics**

IPS
Room - Yangtze 2

Measuring Aspects of Global Value Chains (European business statistics in the context of global value chains and enterprise organisation)

Author: [Bart Loog](#)

Carbon Footprint of FDI and Multinational Enterprise Activities: Emission Intensities and Insights for France and the Netherlands

Author: [Kristy Howell](#)

The Impact of the Foreign Direct Investments in the EU by Immediate and Ultimate Investor

Author: [Agne Bikauskaite](#)

Measuring Foreign Direct Investments by the Ultimate Host Economy

Author: [Jana Schumacher](#)

Foreign Direct Investment Statistics by Type: Challenges Identifying Greenfield Investment

Author: [Thomas Cernohous](#)

Participants:

Organiser: [Agne Bikauskaite](#)

Chair: [Georgios Papadopoulos](#)

Discussant: [Nikola Sunjka](#)

Presenter/Speaker: [Bart Loog](#)

Discussant: [Niels Schoeters](#)

Presenter/Speaker: [Kristy Howell](#)

Presenter/Speaker: [Thomas Cernohous](#)

Presenter/Speaker: [Joaquim Guilhoto](#)

Presenter/Speaker: [Jana Schumacher](#)

10:50–12:30

IPS 971 - Novel Statistical Approaches for Natural Hazards

IPS
Room - Onyx

Participants:

Chair: [Claire Ann Miller](#)

Organiser: [Serge Guillas](#)

Presenter/Speaker: [Elaine Spiller](#)

Presenter/Speaker: [Takemasa Miyoshi](#)

Presenter/Speaker: [Pierre Tandeo](#)

Presenter/Speaker: [Mark Bebbington](#)

10:50–12:30

IPS 981 - Best Practices in Promoting Statistical Literacy and Collaborating in the ISLP Family

IPS
Room - Everest 1

Promoting Statistical Literacy through the ISI Public Voice and Engagement with First Nations Communities in Australia

Author: [Prof. Kerrie Mengersen](#)

Statistical Thinking Enabling Sustainable Agriculture

Author: [Monica Balzarini](#)

Participants:

Presenter/Speaker: [Prof. Kerrie Mengersen](#)

Organiser: [Prof. Saleha Naghmi Habibullah](#)

Discussant: [Irena Ograjensek](#)

Discussant: [Patrizia Collesi](#)

Presenter/Speaker: [Monica Balzarini](#)

10:50–12:30

IPS 982 - PREFSTAT: Advanced Statistical Learning for Preference Rankings

IPS
Room - Everest 2

Bayesian inference for partial orders underlying rank-data

Author: [Kate Lee](#)

Integrating covariate effects in mixtures of Mallows model with Spearman for the analysis of preference rankings

Author: [Cristina Mollica](#)

Particle Swarm Optimization in preference rankings

Author: [Maurizio Maurizio Romano](#)

Participants:

Organiser: [Antonio D'Ambrosio](#)

Discussant: [Valeria Vitelli](#)

Presenter/Speaker: [Maurizio Maurizio Romano](#)

Presenter/Speaker: [Cristina Mollica](#)

Presenter/Speaker: [Kate Lee](#)

12:30–13:55

Bernoulli Society Council I

Administrative
Meetings
Room - North
America

Short Description

Closed

12:30–13:55 **IASC Joint Executive Committee**

Administrative
Meetings
Room - Africa

Short Description

Closed

12:30–13:55 **IASE Executive Committee I**

Administrative
Meetings
Room - Oceania

Short Description

Closed

12:30–13:55 **IASE International Statistical Literacy Project (ISLP) Executive meeting**

Administrative
Meetings
Room - Europe 2

Short Description

Closed

12:30–13:55 **IASS Joint Council**

Administrative
Meetings
Room - Europe 1

Short Description

Closed

12:30–13:55 **ISI Capacity Development Committee Meeting**

Administrative
Meetings
Room - Asia

Short Description

Closed meeting

12:30–13:55 **ISI Nominations Committee - I**

Administrative
Meetings
Room - South
America

Short Description

Closed

12:30–13:55 **ISI Scientific Programme Committee for WSC 2027**

Administrative
Meetings
Room - Antarctica

Short Description

Closed

12:30–13:55 **ISI South East Asia Outreach Committee**

Administrative
Meetings
Room - Kilimanjaro
1

Short Description

Closed

12:30–14:30 **Journal of the Royal Statistical Society - Series A meeting**

Administrative
Meetings
Room - Kilimanjaro
2

Short Description

Closed

12:30–13:55 **ONS**

Administrative
Meetings
Room - Onyx

Short Description

Closed

12:30–13:55 **Special Interest Group on Data Science**

Administrative
Meetings
Room - Yangtze 2

12:30–14:00 **Lunch**

Lunch
Lobby - Queen
Maxima

Asymptotically efficient estimation for fractional Ornstein-Uhlenbeck processes under high-frequency observations

Author: Masaaki Fukasawa

Parameter Estimation for the Langevin Equation with Stationary-Increment Gaussian Noise

Author: Tommi Sottinen

Reviving pseudo-inverses: Asymptotic properties of high-dimensional Moore-Penrose and Ridge-type inverses with applications

Author: Taras Bodnar

Parameter estimation in tempered fractional Vasicek model

Author: Kostiantyn Ralchenko

Statistical estimation in the fractional Bessel models

Author: Prof. Yuliya Mishura

Participants:

Chair: Prof. Yuliya Mishura

Organiser: Kostiantyn Ralchenko

Presenter/Speaker: Tommi Sottinen

Presenter/Speaker: Tommi Sottinen

Presenter/Speaker: Yuliya Mishura

Presenter/Speaker: Taras Bodnar

Presenter/Speaker: Masaaki Fukasawa

14:00–15:40

IPS 700 - Non-probability and Probability Sample Integrated Estimators for the Population Parameters

IPS
Room - Central
America

Combining Probability and Nonprobability Samples on an Aggregated Level

Author: Sander Scholtus

Impact of the non-probability sample on the accuracy of an estimator of a total when integrating non-probability and probability samples

Author: Vilma Nekrasaite-Liege

Nonprobability samples and uncertainty: Avoiding maximal estimation error via averaging

Author: Alexander Murray-Watters

Combining Information from Multiple Sources in Official Statistics

Author: Changbao Wu

Participants:

Chair: Dr Anders Holmberg

Presenter/Speaker: Changbao Wu

Organiser: Danute Krapavickaite

Presenter/Speaker: Vilma Nekrasaite-Liege

Presenter/Speaker: Sander Scholtus

Presenter/Speaker: Alexander Murray-Watters

Presenter/Speaker: Vilma Nekrasaite-Liege

14:00–15:40

IPS 710 - Advances in Multivariate Statistical Methods: Current Insights and Future Prospects

IPS
Room - South
America

Gender Gap in Higher Education Across European Countries: A Multivariate Analysis Approach

Author: Prof. Ksenija Dumcic

Navigating the landscape of multivariate analysis: Bibliometric patterns and trends

Author: Veljko Uskokovic

Optimal testing for symmetry on the torus

Author: Sophia Loizidou

Ultrametric latent variable models: a new approach for composite indicators' construction

Author: Carlo Cavicchia

Participants:

Organiser: Miss Milica Maricic

Presenter/Speaker: Prof. Ksenija Dumcic

Presenter/Speaker: Carlo Cavicchia

Discussant: Veljko Jeremić

Presenter/Speaker: Veljko Uskokovic

Presenter/Speaker: Sophia Loizidou

A distance covariance based test for independence of long-range dependent time series

Author: [Annika Betken](#)

Bootstrap convergence rates for the maximum of an increasing number of autocovariances and autocorrelations under strict stationarity

Author: [Alexander Braumann](#)

Optimal choice of bootstrap block length for periodically correlated time series

Author: [Anna Dudek](#)

Higher order approximation of the sequential empirical process

Author: [Marie Düker](#)

Participants:

Organiser: [Anne Leucht](#)

Presenter/Speaker: [Alexander Braumann](#)

Presenter/Speaker: [Annika Betken](#)

Presenter/Speaker: [Anna Dudek](#)

Presenter/Speaker: [Marie Düker](#)

Exploring Stress and Food Waste Correlations in School Canteens.

Author: [Amanda Sjölund](#)

Opportunities and challenges in analyzing food waste in population groups: The case study of families with children

Author: [Pietro Tonini](#)

Chefs as Agents of Food System Transformation: Barriers and Opportunities in Utilizing Environmental Assessment Tools

Author: [Andrea Zick](#)

Participants:

Chair: [Prof. Luca Secondi](#)

Discussant: [Prof. Luigi Biggeri](#)

Presenter/Speaker: [Andrea Zick](#)

Presenter/Speaker: [Pietro Tonini](#)

Discussant: [Clara Cicatiello](#)

Presenter/Speaker: [Amanda Sjölund](#)

Cauchy sine-skewed circular distributions and simple EM algorithms

Author: [Toshihiro Abe](#)

Regularized directional regression models

Author: [Prof. Andriette Bekker](#)

Semi parametric inference for multivariate circular models

Author: [Louis-Paul Rivest](#)

Participants:

Presenter/Speaker: [Prof. Louis-Paul Rivest](#)

Presenter/Speaker: [Prof. Andriette Bekker](#)

Chair: [Christophe Ley](#)

Organiser: [Andrea Meilán-Vila](#)

Presenter/Speaker: [Toshihiro Abe](#)

Presenter/Speaker: [Rosa M. Crujeiras](#)

Discussant: [Francesco Lagona](#)

Presenter/Speaker: [Louis-Paul Rivest](#)

Generalized Point Process Additive Models

Author: [Dr Kuang-Yao Lee](#)

Modeling Distribution-Valued Random Trajectories With Optimal Transports

Author: [Hans-Georg Müller](#)

Multivariate Temporal Point Process Regression

Author: [Prof. Lexin Li](#)

Prediction in scalar-on-function linear models for sparse functional covariates

Author: [Jane-Ling Wang](#)

Participants:

Organiser: [Dr Kuang-Yao Lee](#)

Presenter/Speaker: [Hans-Georg Müller](#)

Presenter/Speaker: [Prof. Lexin Li](#)

Presenter/Speaker: [Jane-Ling Wang](#)

14:00–15:40

IPS 806 - Advances in Handling Missing Data for EHR and Causal Inference

IPS
Room - Europe 2

A Bayesian Nonparametric Model with an Informative Visit Process: Using Electronic Health Records to Evaluate Body Mass Index for Diabetes Screening

Author: [Rebecca Anthopolos](#)

Mining for equitable health: Tackling biased, incomplete data in electronic health records

Author: [Qi Long](#)

Generalizing Treatment Effect from EHR-Recruited Trials Using Bayesian Propensity Prediction

Author: [Qixuan Chen](#)

Participants:

Presenter/Speaker: [Qi Long](#)

Chair: [Liangyuan Hu](#)

Organiser: [Qixuan Chen](#)

Presenter/Speaker: [Rebecca Anthopolos](#)

14:00–15:40

IPS 818 - High-Dimensional Statistical Analysis in Precision Medicine

IPS
Room - Oceania

Beyond the One-Size-Fits-All: A Deep Learning Method to Identify Subgroup-Specific Biomarkers of COPD

Author: [Sandra Safo](#)

Machine Learning and Statistical Strategies in High-dimensional Predictive Modelling

Author: [Syed Ejaz Ahmed](#)

Penalized Deep Partially Linear Cox Models with Application to CT Scans of Lung Cancer Patients

Author: [Yi Li](#)

Statistical and Machine Learning Strategies in High-dimensional Predictive Modelling

Author: [Syed Ejaz Ahmed](#)

The sparsity index in Poisson size-biased sampling: Algorithms for the optimal unbiased estimation from small samples

Author: [Marco Bonetti](#)

Participants:

Presenter/Speaker: [Syed Ejaz Ahmed](#)

Presenter/Speaker: [Sandra Safo](#)

Presenter/Speaker: [Yi Li](#)

Organiser: [Subharup Guha](#)

Presenter/Speaker: [Marco Bonetti](#)

Presenter/Speaker: [Yi Li](#)

14:00–15:40

IPS 822 - A Race Against the Machines. The Challenges of Teaching Statistics in an Ever-Changing Technological Landscape

IPS
Room - Onyx

Experiences on creating and teaching a short course on version control

Author: [Craig Alexander](#)

Redesigning assessments in times of generative AI: a Python example

Author: [Jennifer Gaskell](#)

Training the Trainers: How do we educate staff in modern technologies?

Author: [Vinny Davies](#)

Participants:

Organiser: [Craig Alexander](#)

Presenter/Speaker: [Vinny Davies](#)

Presenter/Speaker: [Jennifer Gaskell](#)

14:00–15:40

IPS 835 - Early Implementation of Most Challenging Recommendations Included in the New SNA and ESA

IPS
Room - Mississippi

Producing experimental estimates of data assets: The German experience

Author: [Alejandro Donado](#)

The recording of crypto assets in macroeconomic statistics

Author: [Fernando Alberto Rocha](#)

Valuation of Oil and Gas Stocks and Depletion in Norway

Author: [Gang Liu](#)

Valuing nature's energy: A monetary account of Costa Rica's renewable energy resources

Author: [Luis Fernando Sánchez](#)

Participants:

Presenter/Speaker: [Fernando Alberto Rocha](#)

Organiser: [Mr Jorrit Zwijnenburg](#)

Chair: [Nicola Massarelli](#)

Presenter/Speaker: [Gang Liu](#)

Presenter/Speaker: [Alejandro Donado](#)

Presenter/Speaker: [Luis Fernando Sánchez](#)

14:00–15:40

IPS 870 - Indigenous Data, Sovereignty, and Ethical Statistical Practice Across Settings

IPS
Room - Yangtze 1

Guidance on ethical practice with Indigenous data from established authorities on ethical statistical and data practice.

Author: Prof. Rochelle Tractenberg

Indigenous data rights introduction

Author: Dr Walter J. Radermacher

Perspectives on ethical collection, management, and use of Indigenous Peoples' data in North American industrial contexts.

Author: Shadana Sultan

The U.S. Federal Data Ethics Tenets and the Use of Indigenous Data for Official Statistics

Author: Michael Hawes

Participants:

Organiser: Prof. Rochelle Tractenberg

Presenter/Speaker: Dr Walter J. Radermacher

Chair: Prof. Ayse Aysin Bilgin

Discussant: Dennis Trewin

Presenter/Speaker: Desi Small-Rodriguez

Presenter/Speaker: Dee Alexander

Presenter/Speaker: Michael Hawes

Presenter/Speaker: Randall Akee

Presenter/Speaker: Shadana Sultan

14:00–15:40

IPS 876 - Harmony in Data: Bridging Quality and Statistical Literacy

IPS
Room - Yangtze 2

Engaging broader audiences in Statistics with Stories

Author: A. John Bailer

Participants:

Discussant: Prof. Iddo Gal

Presenter/Speaker: A. John Bailer

Presenter/Speaker: Pedro José Campos

Organiser: Jose Martins

Discussant: Avis Beneš

Anonymity and Disclosure Control for Network Data

Author: [Rachel de Jong](#)

Applications of a longitudinal population-scale network

Author: [Jan van der Laan](#)

Supervised network classification

Author: [Li-Chun Zhang](#)

Participants:

Organiser: [Mark Petrus Jacobus van der Loo](#)

Presenter/Speaker: [Li-Chun Zhang](#)

Presenter/Speaker: [Jan van der Laan](#)

Presenter/Speaker: [Rachel de Jong](#)

Discussant: [Jolien Cremers](#)

Compilation of Cash Balance of Payments Statistics: Methodology and Experience in Overcoming Challenges in Malaysia's Context

Author: [Zima Mazfahani Mazlan](#)

Enhancing anomaly detection in financial markets with an LLM-based multi-agent framework

Author: [Taejin Park](#)

Review of Basic Principles for Statistics at the Bank of Japan

Author: [MOEGI INOUE](#)

Generative AI and advanced Machine Learning in statistics – have the paradigms improved the status quo?

Author: [Alessandro Bonara](#)

Participants:

Organiser: [Bruno Tissot](#)

Presenter/Speaker: [Taejin Park](#)

Discussant: [Magdalena Erdem](#)

Presenter/Speaker: [Zima Mazfahani Mazlan](#)

Chair: [Michael Manamela](#)

Presenter/Speaker: [Alessandro Bonara](#)

Presenter/Speaker: [MOEGI INOUE](#)

A constrained optimum adaptive design for dose finding in early phase clinical trials

Author: M. Iftakhar Alam

Developing a Bayesian dynamic borrowing hierarchical design to impute missing baseline covariates in various Stroke trials

Author: Akash Roy

Benchmark dose contours for bivariate exposures : application to maternal drinking patterns and childhood cognition

Author: Tugba Akkaya Hocagil

Participants:

Chair: Daniel Jeske

Presenter/Speaker: M. Iftakhar Alam

Presenter/Speaker: Akash Roy

Presenter/Speaker: Tugba Akkaya Hocagil

Comparison of Goodness-of-fit Assessment Methods with C-statistics in Astronomy

Author: Yang Chen

Predictive time-rescaling for goodness-of-fit assessment of self-exciting temporal point processes

Author: Mhamed-Ali El-Aroui

The Area under Normal ROC Curves

Author: Pedro A. Morettin

A New Formulation of Minimum Risk Fixed-Size Confidence Region (MRFSCR) Estimation Problems for a Multivariate Normal Mean

Author: Swathi Venkatesan

Participants:

Presenter/Speaker: Yang Chen

Presenter/Speaker: Pedro A. Morettin

Presenter/Speaker: Swathi Venkatesan

Presenter/Speaker: Mhamed-Ali El-Aroui

Chair: Klaus Nordhausen

Estimating the distribution for psychological test norming: Parametric or nonparametric, that's the question

Author: [Marieke Timmerman](#)

Study of the effects of extreme events on mortality using Singular Spectrum Analysis

Author: [Rahim Mahmoudvand](#)

General Path Dynamic Model for Degradation Data with Covariates

Author: [Guilherme Guilherme Veloso](#)

Finite Mixture Models for an underlying zero-one inflated Beta distribution with associated R package and applications

Author: [Prof. Jang Schiltz](#)

Participants:

Chair: [Prof. Alexandra Schmidt](#)

Presenter/Speaker: [Prof. Jang Schiltz](#)

Presenter/Speaker: [Rahim Mahmoudvand](#)

Presenter/Speaker: [Marieke Timmerman](#)

Presenter/Speaker: [Guilherme Guilherme Veloso](#)

Difference Benchmarking Multivariate Fay-Herriot Model for Small Area Estimation

Author: [Zaza Yuda Perwira](#)

Variance of the generalized regression estimator under measurement error

Author: [Jan Van den Brakel](#)

Measurement uncertainty and the theory of entropy in survey statistics

Author: [Blanka Szeidl](#)

On the Use of Auxiliary Variables in Multilevel Regression and Poststratification

Author: [Dr Yajuan Si](#)

SYNTHETIC ESTIMATORS IN SMALL-SAMPLES

Author: [Carolina Carbajal-De-Nova](#)

Participants:

Presenter/Speaker: [Dr Yajuan Si](#)

Chair: [James Wagner](#)

Presenter/Speaker: [Jan Van den Brakel](#)

Presenter/Speaker: [Carolina Carbajal-De-Nova](#)

Presenter/Speaker: [Blanka Szeidl](#)

Presenter/Speaker: [Zaza Yuda Perwira](#)

UNIDENTIFIED VICTIMS OF THE LTTE WAR: (THE EFFECTS OF WAR ON THE PHYSICAL WELL-BEING OF CHILDREN UNDER THE AGE OF FIVE)

Author: [Mrs Nirosha Wijesekara Dissanayaka](#)

Demographic and socioeconomic profile of severely ill and disabled children in South Africa

Author: [Miss Nwabisa Mona](#)

Geographical Trends and Patterns of Girl-child Sexual abuse in Malawi: an exploration of the Malawi Police and Public Health Facility Data

Author: [Dr Lana Chikhungu](#)

Estimating the impact of government cash programs in mitigating the negative impact of household food insecurity on children's well-being

Author: [Kristine Joy Briones](#)

Participants:

Chair: [Prof. Rochelle Tractenberg](#)

Presenter/Speaker: [Miss Nwabisa Mona](#)

Presenter/Speaker: [Dr Lana Chikhungu](#)

Presenter/Speaker: [Mrs Nirosha Wijesekara Dissanayaka](#)

Presenter/Speaker: [Kristine Joy Briones](#)

Factors Influencing Students' Engagement in Extracurricular Activities: Binary Logistic Regression.

Author: [Oluwaseun Ayobami ADESINA](#)

Students' attitudes towards statistics and R

Author: [Emilia Kmiotek-Meier](#)

Exploring Factors Affecting Student Performance: A Case Study

Author: [Faiz Elfaki](#)

CAUSAL IMPACT OF ARMED CONFLICT ON PRIMARY EDUCATION IN MALI

Author: [Franck MIGONE](#)

Fiction and fable: Tales of Time Series": development and curation of an anthology of fictional short stories in university-level statistics

Author: [Johan Ferreira](#)

Participants:

Presenter/Speaker: [Oluwaseun Ayobami ADESINA](#)

Presenter/Speaker: [Faiz Elfaki](#)

Chair: [David Chew](#)

Presenter/Speaker: [Franck MIGONE](#)

Presenter/Speaker: [Emilia Kmiotek-Meier](#)

Presenter/Speaker: [Johan Ferreira](#)

16:00–17:00

CPS 36 - Time Series Analysis, Forecasting and Change Point Detection

CPS
Room - Everest 2

Improving vine copula forecasting performance in risk measures and portfolio selection

Author: [Carlos Alan Vieira do Nascimento](#)

Issues on the Estimation of High-Dimensional cDCC Model by Composite Likelihood Method

Author: [Luiz Koodi Hotta](#)

Sequential detection of changes in panel data models

Author: [Marie Huskova](#)

Participants:

Presenter/Speaker: [Luiz Koodi Hotta](#)

Presenter/Speaker: [Marie Huskova](#)

Chair: [Professor Dr. Renata Rojas Guerra](#)

Presenter/Speaker: [Carlos Alan Vieira do Nascimento](#)

16:00–17:00

CPS 46 - Statistical Methods for Well-being and Subjective Poverty Measurement

CPS
Room - Antarctica

Measuring well-being in Italy: Istat's projects, results and challenges

Author: [Alessandra Tinto](#)

Analyses and reporting of well-being at local level in Italy

Author: [Giulia De Candia](#)

Household Well-being and Horizontal Inequality: A Comparative Study of Lombardy, Tuscany, and Campania

Author: [Annamaria Bianchi](#)

Exploring the Use of Objective and Subjective Measurements in Measuring the Malaysian Family Well-Being Index

Author: [Khairulnizam Jumain](#)

Participants:

Chair: [Nikolaos Tzavidis](#)

Presenter/Speaker: [Annamaria Bianchi](#)

Presenter/Speaker: [Giulia De Candia](#)

Presenter/Speaker: [Khairulnizam Jumain](#)

Presenter/Speaker: [Alessandra Tinto](#)

Business Demography Statistics for Japan from the Aspect of International Comparison

Author: Masao Takahashi

Complementarities of business innovation and growth support (BIGS) programs for small and medium-sized enterprises

Author: Ibrahim Bousmah

DETERMINANTS OF COMPANIES MANAGERIAL STRATEGY AND THEIR EFFECTS DURING COVID19 CRISIS IN BURKINA FASO

Author: Zakaya Ramde

The differential impact of BIGS programs on beneficiary enterprises' R&D spending

Author: syeda batool

Participants:

Presenter/Speaker: Zakaya Ramde

Presenter/Speaker: syeda batool

Presenter/Speaker: Ibrahim Bousmah

Chair: Malte Schierholz

Presenter/Speaker: Masao Takahashi

Incorporating Public Health Care Costs in the Cost-Benefit Analysis of Labour Market Program Evaluation

Author: Erik Sagmoen

PLS Structural Equation Modeling and Quantile Composite-Based Path Modeling for Medical and Healthcare Research

Author: pasquale dolce

Toward Achieving A small family size, Continues challenge population policies in Egypt

Author: Dr Aliaa Amer

Participants:

Presenter/Speaker: Dr Aliaa Amer

Presenter/Speaker: Erik Sagmoen

Presenter/Speaker: pasquale dolce

Making Nature Count Through Environmental-Economic Accounts: Delving into The Philippine Ecosystem and Natural Capital Accounting System (PENCAS) Act

Author: VIRGINIA BATHAN

Developing an Accounting Framework for Environmental Data Governance: A Case Study of Egypt Statistics.

Author: D.r Mostafa Salah

Developing the Economy-Wide Material Flow Accounts of the Philippines: Challenges, Data Gaps and Its Link to Sustainable Consumption and Production

Author: VIRGINIA BATHAN

Construction and Application of China's carbon emission accounting framework on the perspective of multilateral responsibility principle

Author: Yan Zheng

Participants:

Presenter/Speaker: D.r Mostafa Salah

Presenter/Speaker: Yan Zheng

Presenter/Speaker: VIRGINIA BATHAN

Chair: Mark Pascasio

Evolution of Data Science: Challenges for Official Statistics

Author: Dr Chigozie Kelechi Acha

A Metadata-based Framework for Combining Data Sources in Official Statistics

Author: Yvonne Gootzen

Challenges for using Administrative Data for the compilation of Financial Statistics

Author: Dr Sagaren Pillay

Participants:

Presenter/Speaker: Dr Chigozie Kelechi Acha

Chair: Changbao Wu

Presenter/Speaker: Dr Sagaren Pillay

Presenter/Speaker: Yvonne Gootzen

16:00–17:00

CPS 69 - Differential Privacy and Data Protection in Official Statistics

CPS
Room - Amazon

Navigating the Data Privacy Landscape: Emerging Trends, Challenges, and Opportunities

Author: [Bashiru I.I. Saeed](#)

Synthetic Data Feasibility: Benchmarking Differentially Private and Non-Differentially Private Synthetic Data Generation Methods

Author: [Ralph Joshua Macarasig](#)

The Usability of Perturbed Data Created based on Differential Privacy for Japanese Population Census – a Comparative Study

Author: [Shinsuke Ito](#)

Differential privacy for federated structure learning of Bayesian networks

Author: [Ghita Fassy El Fehri](#)

Participants:

Presenter/Speaker: [Shinsuke Ito](#)

Chair: [Bashiru I.I. Saeed](#)

Presenter/Speaker: [Ghita Fassy El Fehri](#)

Presenter/Speaker: [Ralph Joshua Macarasig](#)

16:00–17:00

CPS 7 - Epidemiological Modelling

CPS
Room - North
America

Accelerating approximate Bayesian inference for compartmental models in epidemiology using Stan

Author: [Xiahui Li](#)

Estimate COVID-19 Vaccine Efficacy for Time-to-Infection Data

Author: [Ding-Geng Chen](#)

Pooled Sampling for Continuous Data: Feasibility and Accuracy in Low Prevalence Scenarios

Author: [Joao Paulo Martins](#)

Participants:

Chair: [Elena Naumova](#)

Presenter/Speaker: [Ding-Geng Chen](#)

Presenter/Speaker: [Xiahui Li](#)

Presenter/Speaker: [Joao Paulo Martins](#)

16:00–17:00

CPS 72 - Enhancing Data Quality and Analysis through Spatial and Geolocation Techniques

CPS
Room - Yangtze 1

Enhancing Granular Data by Leveraging Geolocation Approach

Author: [Veronica S Jamilat](#)

Extension of Geographic Coordinates and Ordered Information under Spatial Sampling

Author: [Yi Li](#)

Spatial Autocorrelation-Based Spatial Clustering for the Formation of Zones of Regional Economic Growth

Author: [Rahma Fitriani](#)

A Picture is Worth a Thousand Definitions: Validating Company Data with Satellite Images and Street View

Author: [Lisa Reichenbach](#)

Participants:

Presenter/Speaker: [Veronica S Jamilat](#)

Presenter/Speaker: [Yi Li](#)

Chair: [Kimon Ntotsis](#)

Presenter/Speaker: [Rahma Fitriani](#)

Presenter/Speaker: [Lisa Reichenbach](#)

16:00–17:00

CPS 73 - Spatial Data and Machine Learning for Urban Development

CPS
Room - Europe 2

Slum classification using superpixel and machine learning: A case study in Rio de Janeiro

Author: [Bernardo Martins](#)

Informal Settlements in Rio de Janeiro, Brazil: Promising results using machine learning

Author: [Hanna Diniz Cunha](#)

Identifying Urban Growth Patterns using Deep Learning Approach

Author: [Achmad Firmansyah](#)

Development of the Integrated Rural Access Index (iRAI) using Remote Sensing and GIS

Author: [Ian Joshua Villar](#)

Impact of Paved Roads During Pandemic Accounting for Complex Survey Design

Author: [Mr Nikkin Beronilla](#)

Participants:

Presenter/Speaker: [Mr Nikkin Beronilla](#)

Chair: [Chae Young Lim](#)

Presenter/Speaker: [Achmad Firmansyah](#)

Presenter/Speaker: [Bernardo Martins](#)

Presenter/Speaker: [Ian Joshua Villar](#)

Presenter/Speaker: [Hanna Diniz Cunha](#)

Knowledge Graph Construct for Official Statistics Metadata

Author: [Bagus Anda Suhada](#)

Challenges and prospects for the transition of a traditional statistical system to a modern one by using data from administrative sources: The Greek P

Author: [Vasilki Benaki Kyrioti](#)

Governance challenges in Brazil's new data ecosystem

Author: [Maria Pimenta](#)

Best practices of implementing European Statistics Code of Practice to the National Statistical Institute of Bulgaria

Author: [Atanas Atanasov](#)

Participants:

Chair: [Misha V. Belkindas](#)

Presenter/Speaker: [Atanas Atanasov](#)

Presenter/Speaker: [Vasilki Benaki Kyrioti](#)

Presenter/Speaker: [Maria Pimenta](#)

Presenter/Speaker: [Bagus Anda Suhada](#)

Augmenting labor market statistics on occupation – the potential of administrative data integration

Author: [Bartosz Grancow](#)

Digital score for occupations based of digital skills and competencies

Author: [Nino Mushkudiani](#)

Newly employed in Italy. A synthetic control method for assessing Italian Jobs Act impact

Author: [Matilde Bini](#)

Use of A.I. to make LinkedIn as a new data source

Author: [emanuela viscardi](#)

A Novel Predictive Model for Addressing Employment Challenges Using Mobile and Media Data in Indonesia

Author: [Suryo Adi Suryo Adi Rakhmawan](#)

Participants:

Presenter/Speaker: [Matilde Bini](#)

Presenter/Speaker: [Nino Mushkudiani](#)

Chair: [Marcel Matthew van Kints](#)

Presenter/Speaker: [Suryo Adi Suryo Adi Rakhmawan](#)

Presenter/Speaker: [Bartosz Grancow](#)

Presenter/Speaker: [emanuela viscardi](#)

PB1-A Hybrid Logistic Regression and Long short term memory Model for Improved Short-term and Ultra Short-term Photovoltaic Power Forecasting

Author: [Chang Ma](#)

PB2-Analysing the Factors influencing Female Labour Force Participation in Morocco: Insights from the 2023 National Labour Force Survey

Author: [Mrs Khamissa Elkachach](#)

PB3-Comparative Analysis of Earnings Imputation Methods in South Africa's Quarterly

Author: [Sihle Khanyile](#)

PB4-Application of Large Language Models for Dissemination of Statistics

Author: [Alban Manishimwe](#)

Participants:

Presenter/Speaker: [Mrs Khamissa Elkachach](#)

Presenter/Speaker: [Alban Manishimwe](#)

Presenter/Speaker: [Chang Ma](#)

Presenter/Speaker: [Sihle Khanyile](#)

PB13-Correcting Sample Selection Bias: Practical Challenges

Author: [An-Chiao Liu](#)

PB14-A Multi-Label Growth Curve Change-point Model for Characterizing Multifaceted Dynamics in Multivariate Longitudinal Data

Author: [YILING KUANG](#)

PB15-A new methodology for measuring the well-being index according to official statistics

Author: [Abdulla Mohamed](#)

PB16-Frank copula is the minimum information copula under fixed Kendall's τ

Author: [Issey Sukeda](#)

Participants:

Presenter/Speaker: [Issey Sukeda](#)

Presenter/Speaker: [An-Chiao Liu](#)

Presenter/Speaker: [Abdulla Mohamed](#)

Presenter/Speaker: [YILING KUANG](#)

PB21-How important is the number of movements in a chess match? Chess grandmaster Wolfgang Uhlmann, French Defense and Bayesian Statistics

Author: [Freddy López Quintero](#)

PB22-Model Averaging with a Diverging Number of Covariates

Author: [Yaroslav Korobka](#)

PB23-Spectral clustering algorithm for the allometric extension model

Author: [Kohei Kawamoto](#)

PB24-Autistic Spectrum Disorder Screening Classification with Machine Learning Approaches

Author: [Dr Serifat Adedamola Folorunso](#)

Participants:

Presenter/Speaker: [Dr Serifat Adedamola Folorunso](#)

Presenter/Speaker: [Yaroslav Korobka](#)

Presenter/Speaker: [Kohei Kawamoto](#)

Presenter/Speaker: [Freddy López Quintero](#)

PB33-Zero-augmented quasi-gamma spatial model with influential diagnostics

Author: [Fernanda De Bastiani](#)

PB34-The Impacts of Expanding the Middle-income Group on Household Consumption: Evidence from China

Author: [Yuhan Zhu](#)

PB35-Monetary Conditions Index: A Monetary Policy Indicator for Nigeria

Author: [Chioma Peace Nwosu](#)

PB36-Leveraging national population census data to assess geographic and gender imbalances in the dental workforce: evidence from Canada

Author: [Prof. Neeru Gupta](#)

Participants:

Presenter/Speaker: [Prof. Neeru Gupta](#)

Presenter/Speaker: [Fernanda De Bastiani](#)

Presenter/Speaker: [Yuhan Zhu](#)

Presenter/Speaker: [Chioma Peace Nwosu](#)

PB45-Effects of the third dimension on the structural complexity of geo-referenced systems, evaluation based on entropy measures.

Author: [Prof. Carlos Alfonso Mantilla Duarte](#)

PB46-Data Quality Assessment Framework (DQAF) as a useful tool in composite indicator construction

Author: [Hillary Muhanguzi](#)

PB47-Managing a changing data ecosystem with new data sources

Author: [Haidy Mahmoud](#)

PB48-Using data visualization for achieving the quality of statistical products (Economic census Application)

Author: [Mahmoud ElSarawy](#)

Participants:

Presenter/Speaker: [Prof. Carlos Alfonso Mantilla Duarte](#)

Presenter/Speaker: [Haidy Mahmoud](#)

Presenter/Speaker: [Mahmoud ElSarawy](#)

Presenter/Speaker: [Hillary Muhanguzi](#)

PB75-Developing a Pre-Census National Sampling Frame in Armenia

Author: [Saida Ismailakhunova](#)

PB77-Educational Cash Transfers in Indonesia: How far can it impact school and health for the young generation?

Author: [Ayu Paramudita](#)

PB78-Joint Prevalence of Child Illness and Death: A Bayesian Gaussian Copula and Recursive Probit Approach

Author: [OLUWAFUNMILAYO DAWODU](#)

Participants:

Presenter/Speaker: [Ayu Paramudita](#)

Presenter/Speaker: [Saida Ismailakhunova](#)

Presenter/Speaker: [OLUWAFUNMILAYO DAWODU](#)

Climate Derivatives and Risk Transfer Mechanisms in Investment Decision-Making in Developing Economies.

Author: Ndirangu Ngunjiri

FDI and Environment in Indonesia

Author: Charisma Pratiwi Anwar

Can Fintech development contribute to mitigating the greenhouse effect? A global perspective

Author: Minghao Li

Participants:

Chair: Hsin-Cheng Huang

Presenter/Speaker: Charisma Pratiwi Anwar

Presenter/Speaker: Minghao Li

Presenter/Speaker: Ndirangu Ngunjiri

Temporal, geographic and genomic dependence in ancestral genome survival

Author: Elizabeth Thompson

On the robustness of random forests for genomic prediction and selection in breeding studies

Author: Dr Vanda Lourenco

Model-based Inference for Rare and Clustered Populations from Adaptive Cluster Sampling using Auxiliary Variables

Author: Izabel Souza

Estimating Minimum Habitat Requirements for Rare Species Detection when Aiming at Optimizing Conservation Planning

Author: Tsung-Jen Shen

Participants:

Presenter/Speaker: Dr Vanda Lourenco

Presenter/Speaker: Elizabeth Thompson

Chair: Arvind Rao

Presenter/Speaker: Tsung-Jen Shen

Presenter/Speaker: Izabel Souza

Twofold nested error regression models with data-driven transformation

Author: [Rachael Laeli Katwa Kyalo](#)

Unit-level time-series multilevel small area estimation for sickness absence indicators

Author: [Harm Jan Boonstra](#)

Combining Survey and Satellite Data to Obtain Small Area Estimates of the USLE C-factor

Author: [Abdulhakeem Eideh](#)

Cost-optimal sampling in augmented surveys using reinforcement learning

Author: [Till Koebe](#)

Spatio-temporal Bayesian hierarchical model for correcting underregistration in count data

Author: [GUILHERME OLIVEIRA](#)

Participants:

Presenter/Speaker: [Abdulhakeem Eideh](#)

Presenter/Speaker: [GUILHERME OLIVEIRA](#)

Presenter/Speaker: [Till Koebe](#)

Presenter/Speaker: [Harm Jan Boonstra](#)

Chair: [Rachael Laeli Katwa Kyalo](#)

How is the productivity of public services measured in the UK?

Author: [Katherine Kent](#)

Measuring the Economic Flows of UK Human Capital

Author: [Sami Mubarak](#)

EXPLORING NEW METRICS FOR A CHANGED AND CHANGING NATIONAL AND GLOBAL REALITY ...Exploding and minimizing the inhibiting cop out of ceteris paribus

Author: [Lancelot Busby](#)

Participants:

Chair: [Yafei Wang](#)

Presenter/Speaker: [Katherine Kent](#)

Presenter/Speaker: [Sami Mubarak](#)

Presenter/Speaker: [Lancelot Busby](#)

Inverse Gaussian degradation models for multiple repairable systems: an approach with effects of minimal, perfect, and imperfect maintenance

Author: [Adriane Portela](#)

Impact of positivity violations on marginal structural survival models: insights from a simulation study

Author: [Marta Spreafico](#)

A Test Of Exponentiality Against Dmddf Alternatives Via U-Statistics

Author: [Deemat Mathew](#)

Reduced-bias Kernel Estimator for the Tail Index Under Random Censoring

Author: [Louiza Soltane](#)

Participants:

Chair: [Ciprian Tudor](#)

Presenter/Speaker: [Louiza Soltane](#)

Presenter/Speaker: [Deemat Mathew](#)

Presenter/Speaker: [Marta Spreafico](#)

Presenter/Speaker: [Adriane Portela](#)

Some contributions to harmonizable time series analysis

Author: [Jean-Marc Freyermuth](#)

Applications of Infinite-Dimensional Stochastic Calculus to Functional Data Analysis

Author: [Dennis Schroers](#)

Spectral CLTs with long memory for large language models

Author: [Andrej Srakar](#)

Participants:

Presenter/Speaker: [Andrej Srakar](#)

Presenter/Speaker: [Dennis Schroers](#)

Presenter/Speaker: [Jean-Marc Freyermuth](#)

Chair: [Randolf Altmeyer](#)

Identifying and Profiling the Socioeconomic Classes of Philippine Households using the Family Income and Expenditures Survey

Author: [Genelyn Ma. Sarte](#)

How do households' view of inflation expectations affect their consumption decisions?

Author: [Faith Christian Cacnio](#)

Reevaluating Household Real Consumption through Attribute-Specific Price Indices and Actual Consumption

Author: [Noriko Inakura](#)

Participants:

Presenter/Speaker: [Genelyn Ma. Sarte](#)

Presenter/Speaker: [Faith Christian Cacnio](#)

Chair: [Peter Lugtig](#)

Presenter/Speaker: [Noriko Inakura](#)

Presentation of the "Manual on Child-Specific Data Capacity-Strengthening on Children on the Move"

Author: [Apostolos Kasapis](#)

A Trend Analysis of Incidence of Smoking among Middle and High School Students

Author: [Marepalli Bhaskara Rao](#)

Prevalence and associated factors of child's birth weight in Malawi: Evidence from 2015/16 Malawi Demographic and Health Survey

Author: [Martin Palamuleni](#)

Under-five mortality in India: An application of multilevel cox proportional hazard model

Author: [Awdhesh Yadav](#)

Participants:

Chair: [Sayantee Jana](#)

Presenter/Speaker: [Marepalli Bhaskara Rao](#)

Presenter/Speaker: [Awdhesh Yadav](#)

Presenter/Speaker: [Apostolos Kasapis](#)

Presenter/Speaker: [Martin Palamuleni](#)

17:10–18:10

CPS 49 - Seasonal Adjustment and Time Series Analysis for Official Statistics

CPS
Room - South
America

Research on Optimizing Seasonal Adjustment of Time Series Data Using DTW and Machine Learning

Author: [Hyo Eun Son](#)

Coherent Estimation And Criminal Justice Program Evaluation In Hierarchical Time Series

Author: [Thomas Fung](#)

Applying the Partial Concurrent Approach to the Seasonally Adjusted National Accounts of the Philippines

Author: [Mark Pascasio](#)

Assessing the Effects of Applying Local Calendar to the Seasonally Adjusted National Accounts of the Philippines

Author: [Mark Pascasio](#)

Participants:

Chair: [Carlos Cesar Trucios Maza](#)

Presenter/Speaker: [Thomas Fung](#)

Presenter/Speaker: [Hyo Eun Son](#)

Presenter/Speaker: [Mark Pascasio](#)

17:10–18:10

CPS 66 - Capacity Building and Modernization of National Statistical Offices

CPS
Room - Antarctica

The Pandemic Preparedness Toolkit project: National Statistical Offices learning from COVID-19 and preparing for the next pandemic.

Author: [Sarah Rafferty](#)

Establishment “Face” Recognition Using Artificial Intelligence

Author: [Muhammad Yunus Hendrawan](#)

Modernizing Statistics Offices through Transformation of their Organizational and Talent Capabilities

Author: [Raba'a Banyas](#)

Participants:

Presenter/Speaker: [Raba'a Banyas](#)

Presenter/Speaker: [Sarah Rafferty](#)

Presenter/Speaker: [Muhammad Yunus Hendrawan](#)

Administrative Data Quality: Innovative Methods and Tools

Author: [Ella Davies](#)

A model-based approach in estimating the quality of Civil Registration and Vital Statistics Using the Administrative Correction of Clerical Error Data

Author: [Eliezer Ambatali](#)

Application of Control Charts to Safety Events

Author: [Camila Koehler](#)

Data Governance through Abu Dhabi Reference Data (ADRD)

Author: [Noof Al Mansoori](#)

Trust in official statistics and quality of governance strengthen trust in institutions and politics. Evidence from OECD survey on trust

Author: [Serge Allegrezza](#)

Participants:

Chair: [Prof. Natalie Shlomo](#)

Presenter/Speaker: [Serge Allegrezza](#)

Presenter/Speaker: [Ella Davies](#)

Presenter/Speaker: [Camila Koehler](#)

Presenter/Speaker: [Eliezer Ambatali](#)

Presenter/Speaker: [Noof Al Mansoori](#)

Priors making sense: More efficient norm information by using prior norm information

Author: [Lieke Voncken](#)

Bayesian Analysis of Flexible Heckman -Selection Models Using Hamiltonian Monte Carlo

Author: [Victor Olivares](#)

Computational challenges in Bayesian spatial binary regression models

Author: [Ricardo Ehlers](#)

Bayesian Double Generalized Beta Regression for ZIP Code-Level Well-Being Assessment

Author: [Shariq Shariq Mohammed](#)

Using AI to make Complex Systems less complex

Author: [Sandra Johnson](#)

Participants:

Presenter/Speaker: [Ricardo Ehlers](#)

Presenter/Speaker: [Lieke Voncken](#)

Presenter/Speaker: [Victor Olivares](#)

Presenter/Speaker: [Shariq Shariq Mohammed](#)

Chair: [Saman Muthukumarana](#)

Presenter/Speaker: [Sandra Johnson](#)

Study on Large language Models and Knowledge Graphs integration for item classification

Author: [HONGHEE KIM](#)

Exploring ODQA for Improved Understanding of Complex Numerical Tables

Author: [Sulisetyo Puji Widodo](#)

Earth Observation Data and Artificial Intelligence to Quality Assure Construction Statistics

Author: [Stefan Irrgang](#)

Explainable AI signal diagnosis for AI-based statistical process monitoring

Author: [Jiaqi Qiu](#)

Addressing Ambiguity in Image Clustering through Similarity Analysis

Author: [Yan-Bin Chen](#)

Participants:

Chair: [Tahir Ekin](#)

Presenter/Speaker: [Jiaqi Qiu](#)

Presenter/Speaker: [HONGHEE KIM](#)

Presenter/Speaker: [Sulisetyo Puji Widodo](#)

Presenter/Speaker: [Yan-Bin Chen](#)

Presenter/Speaker: [Stefan Irrgang](#)

Developing Improvements in Field Operations with Routing Optimization for the Brazilian Census of Agriculture

Author: [Marcelo R. H. Maia](#)

Implementation of the Multivariate Probability Proportional to Size (MPPS) Method in Agricultural Survey in Indonesia

Author: [Aldi Saeful Rauf](#)

BEST-WORST SCALING BASED DISCRETE CHOICE MODELING TO ANALYSE CZECH AND HUNGARIAN CONSUMERS' PREFERENCES FOR 'CULTURED PORK MEAT'

Author: [Peter Balogh](#)

Divide and conquer: using parcels to understanding agricultural activities

Author: [Ian Nunes](#)

Participants:

Chair: [Scott H. Holan](#)

Presenter/Speaker: [Marcelo R. H. Maia](#)

Presenter/Speaker: [Peter Balogh](#)

Presenter/Speaker: [Aldi Saeful Rauf](#)

Presenter/Speaker: [Ian Nunes](#)

Prediction of Internet Users in Indonesia Using Google Trends Data

Author: [Atika Nashirah Hasyiyati](#)

Timely predictions of the present: enhancing the relevance, accuracy, and timeliness of survey estimates

Author: [Jonas Klingwort](#)

Optimizing GRDP Predictions: Evaluating Temporal Disaggregation Techniques with Multisource Data Integration

Author: [Mr Hilman Hanivan](#)

An evaluation of variable selection methods using Southern Africa solar irradiation data

Author: [Prof. Daniel Maposa](#)

Participants:

Presenter/Speaker: [Mr Hilman Hanivan](#)

Presenter/Speaker: [Prof. Daniel Maposa](#)

Presenter/Speaker: [Atika Nashirah Hasyiyati](#)

Chair: [Adrian Baddeley](#)

Presenter/Speaker: [Jonas Klingwort](#)

Visualizing uncertainty: the effect on human cognition, emotion, trust, and decision-making

Author: [Sanne J.W. Willems](#)

Leveraging Interactive Data Visualization for Enhanced Communication of Migration Data: A Case Study of the Egyptian International Household Migration

Author: [Ali Hepishy Kamel Abdelhamid](#)

Boring vs. Attractive Visualizations: Bridging Perspectives and Expertise at Statistics Netherlands

Author: [Nynke C. Krol](#)

Empowering Real-Time Feedback and Coverage Tracking in Surveys and Censuses: Unleashing the Power of Data Visualization with CSpro

Author: [Paul Waweru Ngugi](#)

Statistics for policymaking. Innovative methods of producing and communicating data

Author: [Marek Cierpial-Wolan](#)

Participants:

Chair: [Olga Swierkot-Struzewska](#)

Presenter/Speaker: [Sanne J.W. Willems](#)

Presenter/Speaker: [Ali Hepishy Kamel Abdelhamid](#)

Presenter/Speaker: [Paul Waweru Ngugi](#)

Presenter/Speaker: [Marek Cierpial-Wolan](#)

Presenter/Speaker: [Nynke C. Krol](#)

17:10–18:10 **Celebrating 40 years of JOS: Navigating the future of official statistics**

Innovative Meetings
Room - Mississippi

Participants:

Discussant: Dr Steve MacFeely
Discussant: Barry Schouten
Discussant: Nikolaos Tzavidis
Discussant: Frauke Kreuter
Discussant: Anders Holmberg
Discussant: Li-Chun Zhang
Discussant: John Lamont Eltinge
Discussant: Maria Giovanna Ranalli
Discussant: Lilli Japoc
Discussant: James Brown

17:10–18:10 **Improving the engagement between producers and users of official statistics - lessons learned from the G20 Data Gaps Initiatives**

Innovative Meetings
Room - Amazon

Participants:

Panellist: Barend de Beer
Panellist: Roeland Beerten
Chair: Jim Tebrake
Organiser: Melle Bijlsma
Panellist: Debby Lanser
Panellist: Remco van der Molen

18:30–20:00 **ISI Members' Reception**

Social Activities
Amazon Circle

Short Description

Exclusive networking reception for ISI Members with welcome drinks and conversation.

Tuesday, 7 October 2025

08:00–09:10 IPS 1022 - Causal Inference and Selection Bias

IPS
Room - Oceania

A common-cause principle for eliminating selection bias in causal estimands through covariate adjustment

Author: [Maya Mathur](#)

Some recent contributions for handling selection bias in observational studies: an overview

Author: [Marco Doretti](#)

Visualizing Selection Bias in Causal Diagrams

Author: [Johannes Textor](#)

Participants:

Organiser: [Elena Stanghellini](#)

Chair: [Antonietta Mira](#)

Presenter/Speaker: [Maya Mathur](#)

Presenter/Speaker: [Marco Doretti](#)

Presenter/Speaker: [Johannes Textor](#)

08:00–09:10 IPS 1029 - Official Statistics and Merging Domains: How World Bank Funded Regional Helped Strategize in Ssa?

IPS
Room - Europe 2

Participants:

Organiser: [Mr Felicien Accrombessy](#)

08:00–09:10 IPS 702 - Bolstering Statistical Literacy

IPS
Room - North
America

Efforts to identify and accommodate students' needs and interests

Author: [Lise Dalen McMahon](#)

Engaging children and young people in the world of statistics (Statistics Belgium)

Author: [Kelly Sabbe](#)

Targeting tools and products to the needs of non-expert users of statistics (Eurostat)

Author: [Romina Brondino](#)

The value of partnerships to enlarge the audience for statistical literacy (Istat, Italy)

Author: [Patrizia Collesi](#)

Participants:

Organiser: [Romina Brondino](#)

Presenter/Speaker: [Patrizia Collesi](#)

Chair: [Nina Jere](#)

Presenter/Speaker: [Kelly Sabbe](#)

Presenter/Speaker: [Lise Dalen McMahon](#)

08:00–09:10

IPS 732 - Making Data Comprehensible! Perspectives From Young African Statisticians

IPS
Room - Central
America

Challenges and Developments in Statistics Education in Ethiopia: Impacts on Data Quality, Literacy, and Access

Author: [Ashenafi Alemu Tessema](#)

Participation in statistical literacy programs improved statistical capacity among Young Statisticians in Zambia

Author: [Nakazwe Chikoloma](#)

Participants:

Organiser: [Lillian Ayebale](#)

Presenter/Speaker: [Nakazwe Chikoloma](#)

Presenter/Speaker: [Ashenafi Alemu Tessema](#)

08:00–09:10

IPS 858 - Measuring Environmentally Harmful, Including Fossil Fuel, Subsidies

IPS
Room - Africa

Experiences compiling Fossil Fuel Subsidies Statistics for Ireland

Author: [Rósín Byrne](#)

Measuring potential harmful subsidies and effective carbon rates in the Netherlands

Author: [Olaf Koops](#)

Taxes and emissions in Europe to calculate average effective carbon rates (AECR): Methodology, experiences and lessons learned.

Author: [Filippo Gregorini](#)

Participants:

Chair: [Mr Jorrit Zwijnenburg](#)

Presenter/Speaker: [Filippo Gregorini](#)

Presenter/Speaker: [Rósín Byrne](#)

Organiser: [Olaf Koops](#)

Novel Bayesian Methodologies for High-Dimensional Challenges in Tensor MRI Data, Mixed-Type Responses, and Positronium Lifetime Imaging

Author: [Hsin-Hsiung Huang](#)

Bayesian Inference General Procedures for A Single-subject Test study

Author: [Jie Li](#)

Functional linear quantile regression on a two-dimensional domain

Author: [Peng Liu](#)

Detecting Mild Traumatic Brain Injury with MEG Scan Data: One-vs-K-Sample Tests

Author: [Jian Zhang](#)

Participants:

Organiser: [Jian Zhang](#)

Presenter/Speaker: [Jie Li](#)

Presenter/Speaker: [Peng Liu](#)

Presenter/Speaker: [Hsin-Hsiung Huang](#)

Presenter/Speaker: [Jie Li](#)

Presenter/Speaker: [Hsin-Hsiung Huang](#)

Automatic seasonal filter selection in X-11 and improvements for higher frequency time series in JDemetra+

Author: [Daniel Ollech](#)

RJDProcessor: a rjdverse-based library for seasonal adjustment in official statistics production

Author: [Alessandro Piovani](#)

Practical Evaluation of Seasonal Adjustment Methods for High-Frequency Data

Author: [Sojung Kim](#)

Time-Series Exhaustive Automatic Modeling: a new methodology for model identification

Author: [Carlos Saez Calvo](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Robert Kirchner](#)

Presenter/Speaker: [Daniel Ollech](#)

Presenter/Speaker: [Alessandro Piovani](#)

Presenter/Speaker: [Carlos Saez Calvo](#)

Presenter/Speaker: [Sojung Kim](#)

08:00–09:10 **IPS 993 - Improvement of the Labour Force Survey by Using Administrative Data Sources**

IPS
Room - Onyx

Methodology for the derivation of the INCGROSS variable, using administrative sources

Author: Astrid Depickere

Possible applications of the SPREE estimator in the LFS

Author: Tomasz Józefowski

imputing the income variable in the labour force survey

Author: Johann Neumayr

Participants:

Organiser: Hanna Strzelecka

Presenter/Speaker: Tomasz Józefowski

Presenter/Speaker: Astrid Depickere

Presenter/Speaker: Johann Neumayr

08:00–09:10 **SIPS 1133 - Keynote Speaker: Ionica Smeets**

SIPS
Auditorium - King
Willem Alexander

Making statistics matter: Communicating with impact

Author: Ionica Smeets

Participants:

Chair: Reinoud Stoel

Presenter/Speaker: Ionica Smeets

09:20–10:30 **IPS 1098 - Statistical inference and estimation in high-dimensional data**

IPS
Room - Antarctica

Penalized maximum likelihood estimation with nonparametric Gaussian scale mixture errors

Author: Byungtae Seo

I0-Regularized Item Response Theory Model for Robust Ideal Point Estimation

Author: Johan Lim

Bayesian Elastic Net and Fused Lasso Modeling in Small Area Estimation

Author: Woncheol Jang

A forward sparse sufficient dimension reduction in binary classification via penalized gradient learning

Author: Seung Jun Shin

Participants:

Presenter/Speaker: Woncheol Jang

Presenter/Speaker: Johan Lim

Presenter/Speaker: Byungtae Seo

Presenter/Speaker: Seung Jun Shin

Chair: Hangsuck Lee

Participants:

Organiser: Mrs. Linda Peters
Presenter/Speaker: Kate Hess
Discussant: Prof. Dominik Rozkrut
Panellist: Jurate Petrauskiene
Chair: Linda Peters
Panellist: Ruben Dood

Miscommunications, misinterpretations and miscarriages of justice. What can statisticians do?

Author: Amy Wilson

Using Bayesian Networks to Evaluate Expert Eye- Witness Testimony in Criminal Cases: A case study from the Prosecution of UK Nurse Lucy Letby

Author: Richard Gill

Participants:

Chair: Jane L. Hutton
Presenter/Speaker: Richard Gill
Organiser: Richard Gill
Presenter/Speaker: Scott McLachlan
Presenter/Speaker: Amy Wilson

The Important Role of Statistical Modeling in Understanding Market Complexity in the Age of AI

Author: Katherine Bennett Ensor

Participants:

Chair: Paulo Canas Rodrigues
Presenter/Speaker: Katherine Bennett Ensor

09:20–10:30 SIPS 1145 - Bernoulli Society New Researcher Award

SIPS
Room - South
America

Inference for Synthetic Controls via Refined Placebo Tests

Author: Lihua Lei

Participants:

Presenter/Speaker: Snigdha Panigrahi

Presenter/Speaker: Lihua Lei

Presenter/Speaker: Rianne de Heide

Organiser: Kamila Siuda

09:20–10:30 SIPS 1150 - IASC Data Analysis Competition Winners

SIPS
Room - Oceania

Participants:

Chair: Carlo Cavicchia

Presenter/Speaker: I Nyoman Setiawan

Presenter/Speaker: Mengran Li

Presenter/Speaker: Kohei Kubo

09:20–10:30 SIPS 1170 - IBS Young Ambassadors Award

SIPS
Room - Central
America

GARCH, GAS, SV, and MSGARCH models: Do we really need all of them for forecasting daily volatility?

Author: Carlos Cesar Trucios Maza

Participants:

Presenter/Speaker: Carlos Cesar Trucios Maza

Chair: Christian Eduardo Galarza Morales

Presenter/Speaker: Anderson Ara

10:30–10:50 **Comfort Break**

Comfort Break
Princess Ariane

10:50–12:30

**IPS 1026 - Artificial Intelligence and Data Science: The Role of the ISI
– Panel Discussion**

IPS
Room - Kilimanjaro
1

Enhancing the Use of Administrative Data in Official Statistics

Author: Prof. Natalie Shlomo

ISI-AI-DS: Considerations in Education, Continuing Education and Capacity Building

Author: A. John Bailer

Is there a future for traditional stochastic models in business and industry in the AI and ML era?

Author: Fabrizio Ruggeri

Participants:

Chair: Elisabetta Carfagna

Panellist: Paulo Canas Rodrigues

Panellist: Prof. Natalie Shlomo

Organiser: Elisabetta Carfagna

Panellist: Prof. Dominik Rozkrut

Panellist: A. John Bailer

Panellist: Fabrizio Ruggeri

10:50–12:30

IPS 1040 - Resampling Methods and Structural Disorders

IPS
Room - Kilimanjaro
2

A Simple Bootstrap for Chatterjee's Rank Correlation

Author: Marius Kroll

Changing Intensities and Band Bootstrap

Author: Michal Pesta

Functional Data and Permutation Bootstrap Predictions

Author: Ivan Mizera

Online Instability Detection in a Nonlinear Expectile Model

Author: Matus Maciak

Participants:

Chair: Marie Huskova

Presenter/Speaker: Matus Maciak

Organiser: Michal Pesta

Presenter/Speaker: Marius Kroll

Presenter/Speaker: Ivan Mizera

Anatomy of Event Studies: Hypothetical Experiments, Exact Decomposition, and Robust Estimation

Author: Jose R. Zubizarreta

Bayesian factor analysis for policy evaluation using time-series observational data

Author: Pantelis Samartsidis

Causal inference is not just a statistics problem

Author: Lucy DAgostino McGowan

On the search for data-driven impact evaluation frameworks

Author: Prof. Stefan Sperlich

Participants:

Presenter/Speaker: Prof. Stefan Sperlich

Chair: Kimberly F. Sellers

Organiser: Elizabeth Eisenhauer

Presenter/Speaker: Jose R. Zubizarreta

Presenter/Speaker: Dr Jose R. Zubizarreta

Presenter/Speaker: Lucy DAgostino McGowan

Presenter/Speaker: Pantelis Samartsidis

Accommodating heavy-tailed relative risks in spatial and spatiotemporal disease mapping models

Author: Prof. Alexandra Schmidt

Bayesian functional kernel regression for crop yield modeling

Author: Veronica Berrocal

The underlap coefficient as measure of a biomarker's discriminatory ability in a multi-class disease setting

Author: Vanda Inácio

Participants:

Presenter/Speaker: Prof. Alexandra Schmidt

Organiser: Dr Vanda Lourenco

Presenter/Speaker: Vanda Inacio

Presenter/Speaker: Veronica Berrocal

Presenter/Speaker: Vanda Inácio

Chair: Umut Özbek

Modern Statistical Challenges in A/B Tests and Recent Work in Metric Decomposition

Author: Prof. Nathaniel Stevens

Statistics in the Knowledge Economy

Author: Prof. David Banks

Participants:

Organiser: Prof. David Banks

Presenter/Speaker: Prof. Nathaniel Stevens

Presenter/Speaker: Hongxia Yang

Chair: Gerda Claeskens

Presenter/Speaker: Roi Naveiro

Extreme value inference for general heterogeneous data

Author: John H.J. Einmahl

High dimensional inference for extreme value indices

Author: Chen Zhou

The Extreme Value Approach to Uniform Fixed-k Inference in High-Frequency Data

Author: Yi He

Participants:

Organiser: John H.J. Einmahl

Presenter/Speaker: Chen Zhou

Presenter/Speaker: Yi He

Presenter/Speaker: Yi He

Chair: Anna Kiriliouk

10:50–12:30

IPS 798 - Assessment and Improvement of Data Quality Through Use of Auxiliary Information and Record Linkage

IPS
Room - Antarctica

Developing Quality Metrics and Error in Record Linkage Methodologies

Author: [Krista Park](#)

Estimating missed links between administrative data lists using dual systems estimation

Author: [Andrew Martin](#)

Modernising probabilistic linking at the Australian Bureau of Statistics and its potential to improve multisource statistics production

Author: [Anders Holmberg](#)

On Developing Slink: A Free Software Package for Probabilistic Record Linkage at Scale

Author: [Robin Linacre](#)

Participants:

Presenter/Speaker: [Anders Holmberg](#)

Discussant: [John Lamont Eltinge](#)

Chair: [Vincent Charles Galvin](#)

Presenter/Speaker: [Krista Park](#)

Presenter/Speaker: [Robin Linacre](#)

Presenter/Speaker: [Andrew Martin](#)

Presenter/Speaker: [Aymon Wuolanne](#)

10:50–12:30

IPS 803 - Advanced Models in Functional Data Analysis for Brain Function

IPS
Room - Asia

Multivariate functional independent component analysis for modelling turbulent flows on the cortical field

Author: [Marc Vidal](#)

Outlier detection in functional MRI task experiments through multivariate functional data techniques

Author: [Ana Arribas Gil](#)

Shape analysis of anatomical structures using neuroimaging data

Author: [Anuj Srivastava](#)

Participants:

Organiser: [Ana M. Aguilera](#)

Presenter/Speaker: [Marc Vidal](#)

Presenter/Speaker: [Ana Arribas-Gil](#)

Presenter/Speaker: [Anuj Srivastava](#)

Presenter/Speaker: [Ana Arribas Gil](#)

10:50–12:30

**IPS 828 - The Digitalization of Agricultural Statistical Systems
Represents a Major Challenge in Modernizing Agricultural Statistical
Operation**

IPS
Room - Europe 1

Participants:

Organiser: SAID-SAGHIR ZAROUALI

Chair: moi même ZAROUALI

Presenter/Speaker: Morocco Morocco

Presenter/Speaker: Sénégal Sénégal

Presenter/Speaker: Mexique Mexique

Discussant: WB WB

Discussant: ESCWA UN ESCWA UN

10:50–12:30

**IPS 856 - Advancing Sustainable Statistics Education in Developing
Countries: Innovations, Challenges, and Opportunities**

IPS
Room - Europe 2

Advancing Sustainable Statistics Education in Pakistan: Innovations, Challenges, and Opportunities

Author: Asifa Kamal

Social and Educational Technologies: Products and Processes for Promoting Statistical Education at the Innovation Center for Statistical Education ICE

Author: Mauren Porciúncula

Participants:

Panellist: Prof. Delia North

Discussant: Prof. Saleha Naghmi Habibullah

Organiser: Olushina Olawale Awe

Panellist: Denise Britz do Nascimento Silva

Presenter/Speaker: Asifa Kamal

Discussant: Prof. Ayse Aysin Bilgin

Presenter/Speaker: Mauren Porciúncula

Presenter/Speaker: Asifa Kamal

Panellist: Albina Chuwa

Presenter/Speaker: bianca walsh

Going smart in general population surveys. The Smart Survey Implementation project

Author: [Barry Schouten](#)

Harnessing new technologies to improve the respondent experience and hence data quality

Author: [Katharina Roßbach](#)

Survey Futures: Addressing current challenges to assure the future of survey data collection in the UK

Author: [Olga Maslovskaya](#)

Participants:

Presenter/Speaker: [Barry Schouten](#)

Organiser: [Peter J. Lynn](#)

Presenter/Speaker: [Mohd Uzir Mahidin](#)

Presenter/Speaker: [Remco Paulussen](#)

Presenter/Speaker: [Olga Maslovskaya](#)

Presenter/Speaker: [Katharina Rossbach](#)

Presenter/Speaker: [Katharina Roßbach](#)

Introduction of the Kernel Association Rotation Analysis for Unsupervised Data Projection

Author: [Kimon Ntotsis](#)

Kurtosis-based projection pursuit for matrix-valued data

Author: [Joni Virta](#)

Nonlinear blind source separation for spatio-temporal data

Author: [Klaus Nordhausen](#)

Robust Inverse Regression for Elliptical Functional Data

Author: [Eftychia Solea](#)

Sufficient Dimension Reduction for Conditional Quantiles for Functional Data

Author: [Andreas Artemiou](#)

LASSO PSVM - Sufficient Dimension Reduction in High Dimensional Settings

Author: [Andreas Artemiou](#)

Participants:

Organiser: [Andreas Artemiou](#)

Presenter/Speaker: [Klaus Nordhausen](#)

Presenter/Speaker: [Eliana Christou](#)

Presenter/Speaker: [Eftychia Solea](#)

Presenter/Speaker: [Kimon Ntotsis](#)

Presenter/Speaker: [Joni Virta](#)

Presenter/Speaker: [Klaus Nordhausen](#)

10:50–12:30

IPS 924 - When Machine Learning meets High Dimensional Networks

IPS
Room - Mississippi

Influential assets in Large-Scale Vector AutoRegressive Models

Author: [Simon Trimborn](#)

Modeling Online Social Networks that React to External Influencers

Author: [James Wilson](#)

Modelling Reddit Communications and Their Impact on the Stock Market with Dynamic Graph Neural Networks

Author: [Yunming Hui](#)

Network-Guided Covariate Selection and Downstream Applications in High-Dimensional Data

Author: [Wanjie Wang](#)

Participants:

Chair: [Prof. Inez Zwetsloot](#)

Organiser: [Simon Trimborn](#)

Presenter/Speaker: [James Wilson](#)

Presenter/Speaker: [Yunming Hui](#)

Presenter/Speaker: [Wanjie Wang](#)

10:50–12:30

IPS 943 - Data Integration for Official Statisticians

IPS
Room - Amazon

Integrating data to disaggregate SDGs indicators in Latin American countries

Author: [Andrés Gutiérrez](#)

Participants:

Organiser: [Mr ANDRES GUTIERREZ](#)

Presenter/Speaker: [Rolando Ocampo Alcántar](#)

Presenter/Speaker: [Ms Haoyi Chen](#)

Presenter/Speaker: [Denise Britz do Nascimento Silva](#)

Presenter/Speaker: [Andrés Gutiérrez](#)

Chair: [Rolando Ocampo Alcántar](#)

Presenter/Speaker: [Tiziana Tuoto](#)

Presenter/Speaker: [Susana Perez Cadena](#)

10:50–12:30

IPS 960 - Carbon Statistics, Carbon Disclosure and Carbon Accounting

IPS
Room - Yangtze 1

Carbon disclosures from Spanish non-financial corporations: Comparing data sources and analysing historical reporting trends

Author: [Borja Fernandez-Rosillo](#)

Foreign Direct Investment Carbon Footprint: comparing methodologies

Author: [Francois Robin](#)

Green mortgage loans in Spain: An administrative data approach

Author: [Luis Angel Maza](#)

Firms' carbon footprint using administrative records

Author: [Alejandra Chovar](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Gloria Pena](#)

Presenter/Speaker: [Ulf von Kalckreuth](#)

Presenter/Speaker: [Luis Angel Maza](#)

Presenter/Speaker: [Alejandra Chovar](#)

Presenter/Speaker: [Borja Fernandez-Rosillo](#)

Presenter/Speaker: [Francois Robin](#)

10:50–12:30

IPS 961 - Use of Geospatial Methods for Small Area Population Estimation

IPS
Room - Yangtze 2

Updating small area estimates during intercensal years using geospatial data and SPREE-type methods

Author: [Luciano Perfetti Villa](#)

Using geospatial data to produce small area population estimates in England and Wales

Author: [Timothy Green](#)

Investigating the utility of geospatial data for estimating small area household income in England and Wales

Author: [Matthew Plummer](#)

Participants:

Chair: [Nikolaos Tzavidis](#)

Presenter/Speaker: [Luciano Perfetti Villa](#)

Presenter/Speaker: [Matthew Plummer](#)

Presenter/Speaker: [Timothy Green](#)

Exploring sources of variation in analyzing complex forensic DNA samples

Author: [Keith Inman](#)

Interpretable and Uninterpretable Classification in Forensic Nursing

Author: [Karen Kafadar](#)

When are "Black box" algorithms justified?

Author: [Jordan Rodu](#)

Participants:

Chair: [Jessica Utts](#)

Organiser: [Karen Kafadar](#)

Presenter/Speaker: [Jordan Rodu](#)

Presenter/Speaker: [Keith Inman](#)

Rate optimality and phase transition for user-level local differential privacy

Author: [Tom Berrett](#)

Towards multi-purpose locally differentially-private synthetic data release

Author: [Botond Szabo](#)

Gentle measurements of quantum states

Author: [Henning Stein](#)

Participants:

Presenter/Speaker: [Tom Berrett](#)

Presenter/Speaker: [Botond Szabo](#)

Organiser: [Chiara Amorino](#)

Presenter/Speaker: [Marco Avella Medina](#)

Presenter/Speaker: [Tom Berrett](#)

Presenter/Speaker: [Hélène Halconruy](#)

Presenter/Speaker: [Henning Stein](#)

Short Description

Closed

12:30–13:55 **IAOS Executive Committee**

Administrative
Meetings
Room - Africa

Short Description

Closed

12:30–13:55 **IASC General Assembly**

Administrative
Meetings
Room - Oceania

Short Description

Open for IASC Members

12:30–13:55 **IASE ISLP Advisory Board**

Administrative
Meetings
Room - North
America

Short Description

Closed

12:30–13:55 **IASS General Assembly**

Administrative
Meetings
Room - Central
America

Short Description

Open for IASS Members

12:30–13:55 **ISI Academy Programme of Work**

Administrative
Meetings
Room - Onyx

12:30–13:55 **ISI Committee on Women in Statistics - Management Meeting**

Administrative
Meetings
Room - Europe 2

Short Description

Closed

12:30–13:55 **Publications Committee**

Administrative
Meetings
Room - Europe 1

Short Description

Closed

12:30–14:00 **Lunch**

Lunch
Lobby - Queen
Maxima

13:00–13:50 **World's largest repository of free, harmonized census and survey microdata FREE-USE CENSUS DATA FOR RESEARCH: IPUMS OVERVIEW & WEB DEMO**

Administrative
Meetings
Room - South
America

14:00–15:40 **IPS 675 - Uncertainty Quantification in Spatial Statistical Inference**

IPS
Room - North
America

Flexible and Efficient Hybrid "AI"/Statistics Models for Spatio-Temporal Extremes

Author: [Christopher Wikle](#)

Estimation and selection of survival models for individuals with spatial frailty

Author: [Chae Young Lim](#)

Spatial statistics and the protection of indigenous rock art

Author: [Adrian Baddeley](#)

Participants:

Organiser: [Noel Cressie](#)

Presenter/Speaker: [Christopher Wikle](#)

Presenter/Speaker: [Chae Young Lim](#)

Presenter/Speaker: [Adrian Baddeley](#)

Discussant: [Alfred Stein](#)

14:00–15:40

IPS 678 - Data Integration for Producing Official Statistics: Where are We Headed?

IPS
Room - Central
America

Modernising probabilistic linking at the Australian Bureau of Statistics and its potential to improve multisource statistics production

Author: [Anders Holmberg](#)

Enhancing the Use of Administrative Data in Official Statistics

Author: [Prof. Natalie Shlomo](#)

Compensating for selection error when combining estimates from non-survey data and a probability-based sample

Author: [Ton De Waal](#)

Participants:

Discussant: [Dr Linda J. Young](#)

Presenter/Speaker: [Anders Holmberg](#)

Presenter/Speaker: [Ton De Waal](#)

Organiser: [Prof. Natalie Shlomo](#)

Chair: [Denise Britz do Nascimento Silva](#)

14:00–15:40

IPS 686 - Data Science for Gender Equality Studies

IPS
Room - South
America

Getting more women into data science careers: Reflecting on a decade of a data fellows experiential learning programme

Author: [tatjana kecojevic](#)

Role of the data science in gender equality studies: towards a new equitable and prosperous world

Author: [Prof. Blagica Novkovska](#)

BEYOND GENDER COMPOSITE INDICATORS: OBJECT-ORIENTED BAYESIAN NETWORK MODEL TO STRENGTHEN GENDER EQUALITY INDEX INSIGHTS

Author: [Paola Vicard](#)

Participants:

Organiser: [Elisabetta Carfagna](#)

Chair: [Prof. Ksenija Dumcic](#)

Presenter/Speaker: [Prof. Blagica Novkovska](#)

Discussant: [Fulvia Mecatti](#)

Presenter/Speaker: [Paola Vicard](#)

Presenter/Speaker: [Paola Vicard](#)

Presenter/Speaker: [tatjana kecojevic](#)

A comparison of Bayesian and conventional quantile regression for modelling depression symptoms in Canadian adolescents

Author: [Lawrence McCandless](#)

Bayesian Inference on Sparse Multinomial Data using Smoothed Dirichlet Distribution

Author: [Saman Muthukumarana](#)

Bayesian Model Mixing with Applications in Climate

Author: [Matthew Pratola](#)

Bayesian Plant-Capture Methods for Estimating Population Size from Uncertain Plant Captures

Author: [Audrey Beliveau](#)

Microbial diversity estimation and Hill number calculation using the hierarchical Pitman-Yor process

Author: [Kevin McGregor](#)

Participants:

Chair: [Veronica Berrocal](#)

Organiser: [Saman Muthukumarana](#)

Presenter/Speaker: [Matt Pratola](#)

Presenter/Speaker: [Lawrence McCandless](#)

Presenter/Speaker: [Audrey Beliveau](#)

Presenter/Speaker: [Kevin McGregor](#)

Presenter/Speaker: [Matthew Pratola](#)

Improving Decision-Making for All: Official Statistics and Governance

Author: [Dr Luca Di Gennaro](#)

The Evolving Role of Sub-National Statistics Offices in Promoting Good Governance in Nigeria: A Case Study of Benue State

Author: [Kumafan Shdrach Dzaan](#)

Participants:

Organiser: [Dr Luca Di Gennaro](#)

Presenter/Speaker: [Dr Steve MacFeely](#)

Presenter/Speaker: [Francesca Perucci](#)

Presenter/Speaker: [Barteld Braaksma](#)

Presenter/Speaker: [Kumafan Shdrach Dzaan](#)

Chair: [Jurate Petrauskiene Valstybes](#)

Discussant: [Dario Buono](#)

14:00–15:40

IPS 763 - Statistics for Stochastic Processes

IPS
Room - Asia

Asymptotics for robustified Gaussian quasi-likelihood inference

Author: Prof. Hiroki Masuda

Non-parametric estimation for stochastic PDEs based on discrete observations

Author: Mathias Trabs

Nonparametric density estimation for the small jumps of Lévy processes

Author: Ester Mariucci

Adaptive nonparametric drift estimation for multivariate jump diffusions under sup-norm risk

Author: Niklas Dexheimer

Participants:

Presenter/Speaker: Prof. Hiroki Masuda

Organiser: Jakob Soehl

Presenter/Speaker: Ester Mariucci

Presenter/Speaker: Mathias Trabs

Presenter/Speaker: Niklas Dexheimer

14:00–15:40

IPS 765 - Research Designs for the Study of Real-world Interventions
Using State Administrative Data: Explorations and Improvements

IPS
Room - Europe 1

Propensity scores for coarsened data due to small-cell suppression of subgroup covariates: The case of school matching in a typical U.S. state

Author: Joshua Wasserman

Participants:

Organiser: Ben B. Hansen

Presenter/Speaker: Michael R. Elliott

Presenter/Speaker: Elisha Cohen

Presenter/Speaker: Joshua Wasserman

Chair: Dr Jose R. Zubizarreta

Presenter/Speaker: Jake Bowers

14:00–15:40

IPS 805 - Models and Algorithms for Time Course Data

IPS
Room - Oceania

Bayesian Unit-level Modeling of Longitudinal Survey Data under Informative Sampling

Author: [Scott H. Holan](#)

Estimating Large Dense Covariance Matrices under Changing Market Conditions

Author: [Katherine Bennett Ensor](#)

Hierarchical Modeling of Multiple Synchronized Irregularly Spaced Financial Returns

Author: [Prof. Nalini Ravishanker](#)

Latent Factor Models for Multivariate Time Series of Counts

Author: [Refik Soyer](#)

Participants:

Organiser: [Prof. Nalini Ravishanker](#)

Chair: [Paulo Canas Rodrigues](#)

Presenter/Speaker: [Katherine Bennett Ensor](#)

Presenter/Speaker: [Scott H. Holan](#)

Presenter/Speaker: [Refik Soyer](#)

14:00–15:40

IPS 823 - Methodological Mechanism Mining of International
Comparison Program: How Emerging Economies Contribute to the
Global ICP Is Possible

IPS
Room - Onyx

An Improved Chain Method for Multilateral Price Comparison

Author: [Chang Xie](#)

Key issues identified in the ICP methodology system

Author: [Yafei Wang](#)

Measurement Study on Influencing Factors of Rental Price and PPP of Inter-city Dwelling Services in China

Author: [Xuecheng Huang](#)

Measuring the Contribution of the Chinese Economy to World Economic Growth

Author: [Yan Yan Wang](#)

Participants:

Organiser: [Yafei Wang](#)

Chair: [Dong Qui](#)

Discussant: [Zhao Nan](#)

Discussant: [Dodla S.P. Rao](#)

Presenter/Speaker: [Chang Xie](#)

Presenter/Speaker: [Xuecheng Huang](#)

Presenter/Speaker: [Yan Yan Wang](#)

14:00–15:40

IPS 885 - Bridging Academia and Official Statistics: Examples of European Experience

IPS
Room - Amazon

Collaboration Between the Swiss Federal Statistical Office and the University of Neuchatel

Author: Yves Tillé

Small area estimation with geospatial data. Lessons from collaborative work with the World Bank and the UK Office for National Statistics

Author: Nikolaos Tzavidis

The Romanian Experience: Building Effective Collaborations Between Academia and Official Statistics

Author: Ana-Maria Ciuhu (Dobre)

Useful liaisons to face small area estimation needs in Italy: the case of social inclusion

Author: Prof. Maria Giovanna Ranalli

Participants:

Presenter/Speaker: Prof. Maria Giovanna Ranalli

Presenter/Speaker: Nikolaos Tzavidis

Organiser: Anne Ruiz-Gazen

Presenter/Speaker: Yves Tillé

Presenter/Speaker: Maria Giovanna Ranalli

Discussant: Camelia Goga

Presenter/Speaker: Ana-Maria Ciuhu (Dobre)

14:00–15:40

IPS 898 - Electronic Assessment to Master Data Skills

IPS
Room - Yangtze 1

Enhancing the STACK assessment system for data-intensive applications

Author: Sal Mercuri

Using Electronic Assessments to Support the Practical and Conceptual Learning of Data Skills

Author: Lily Clements

Participants:

Panellist: Prof. Saleha Naghmi Habibullah

Chair: David Stern

Panellist: Dr James Kaleli Musyoka

Panellist: Prof. Ayse Aysin Bilgin

Organiser: Lily Clements

Presenter/Speaker: Sal Mercuri

Presenter/Speaker: Annette Okoth

Presenter/Speaker: Oksana Labanova

Beyond Advice: Moving Large Language Models from Advisors to Action

Author: [Jakob Engdahl](#)

How to cope with innovation and the pace of change: the case of Large Language Models (LLM) at Statistics Netherlands

Author: [Vera Toepoel](#)

Opportunities and challenges of Artificial Intelligence in the context of European Statistics

Author: [Jean-Marc Museux](#)

The AI/ML One-Stop-Shop: Building and sustaining AI commons for the European Statistical System

Author: [Brendan ODowd](#)

Participants:

Presenter/Speaker: [Jakob Engdahl](#)

Presenter/Speaker: [Sallie Ann Keller](#)

Panellist: [Francesca Kay](#)

Panellist: [Orietta Luzi](#)

Organiser: [Jean-Marc Museux](#)

Chair: [Sophie Limpach](#)

Presenter/Speaker: [Brendan ODowd](#)

Presenter/Speaker: [Vera Toepoel](#)

Censored linear mixed-effects models for heavy-tailed irregularly observed longitudinal data

Author: [Fernanda Lang Schumacher](#)

Industrial Stats: Bridging complex and high-dimensional modelling with modern Stats

Author: [Diego Nascimento](#)

Skew-t linear mixed-effects models for longitudinal data

Author: [Christian Eduardo Galarza Morales](#)

Reliability in Innovation: Connecting Academia and Industry

Author: [Francisco Louzada](#)

Participants:

Organiser: [Francisco Louzada](#)

Presenter/Speaker: [Christian Eduardo Galarza Morales](#)

Presenter/Speaker: [Fernanda Lang Schumacher](#)

Presenter/Speaker: [Diego Nascimento](#)

Presenter/Speaker: [Francisco Louzada](#)

Bayesian Learning for Disparities in Rare Surgical Outcomes: An Integrated Data Approach

Author: [Tanujit Dey](#)

Functional Regression through Distributed Learning: An Application to Brain Imaging Studies

Author: [Guannan Wang](#)

Shifting-Corrected Regularized Regression for Metabolomics Identification and Quantification

Author: [Yuhang Xu](#)

Sparse Functional Canonical Correlation Analysis for Multiview Data Integration

Author: [Limeng Liu](#)

A bi-clustering approach for functional data analysis

Author: [Thierry Chekouo](#)

Participants:

Organiser: [Sandra Safo](#)

Presenter/Speaker: [Guannan Wang](#)

Presenter/Speaker: [Tanujit Dey](#)

Presenter/Speaker: [Limeng Liu](#)

Presenter/Speaker: [Yuhang Xu](#)

Presenter/Speaker: [Thierry Chekouo](#)

Bayesian joint latent-class modeling with application to acute lymphoblastic leukemia maintenance study

Author: [Kiranmoy Das](#)

Biomarker discovery in population cohort studies of the human microbiome

Author: [Leo Lahti](#)

EHR drive prognostic models to assist disease screening

Author: [Tianxi Cai](#)

Inference in longitudinal data analysis with terminating events

Author: [Roula Tsonaka](#)

Balancing Predictive Performance and Explainability for Integrating Clinical, Biological, and Radiological Data in the Basque Country COVID-19 Cohort

Author: [Marta Avalos-Fernandez](#)

Participants:

Presenter/Speaker: [Marta Avalos-Fernandez](#)

Organiser: [Soutik Ghosal](#)

Presenter/Speaker: [Tianxi Cai](#)

Presenter/Speaker: [Kiranmoy Das](#)

Presenter/Speaker: [Roula Tsonaka](#)

Presenter/Speaker: [Leo Lahti](#)

Continuous Testing

Author: Nick Koning

Tests of stochastic dominance with repeated measurements data

Author: Angel G. Angelov

Application Of The Central Limit Theorem In The Pareto Distribution: A Simulation Approach

Author: Epimaco Cabanlit

Fuzzy inferences for the mean of a distribution. An empirical comparison of different approaches based on the survey of Health, Ageing and Retirement

Author: Laurent Donzé

Participants:

Presenter/Speaker: Laurent Donzé

Chair: Bojana Milosevic

Presenter/Speaker: Epimaco Cabanlit

Presenter/Speaker: Angel G. Angelov

Presenter/Speaker: Nick Koning

Estimating Small Area Indicators with Complex Survey Data and Limited Auxiliary Data

Author: Selina Neef

Small area estimation using auxiliary information from big non-probability samples

Author: Andrius ■iginas

Unit-level versus Area-level approaches to small area estimation with measurement errors and their application to Indonesian household surveys

Author: Ika Yuni Wulansari

ESTIMATION OF PROPORTIONS IN SMALL AREA ESTIMATION: MACHINE LEARNING APPROACH

Author: Leonardo Trujillo Oyola

Evaluating Indonesia's Village Autonomy Policy: Utilizing Small Area Estimation with Repeated Cross-Sectional Data

Author: Anita Rokhmawati

Participants:

Presenter/Speaker: Andrius ■iginas

Chair: Dipankar Bandyopadhyay

Presenter/Speaker: Anita Rokhmawati

Presenter/Speaker: Ika Yuni Wulansari

Presenter/Speaker: Leonardo Trujillo Oyola

Presenter/Speaker: Selina Neef

The Quest for the Best Football Player: An Innovative Statistical Approach

Author: [Kossi Edem Kludza](#)

Prediction of the Determinants of the Number of Spectators in the KBO League Using Optimized 'Gradient - Boost': 2023 Season

Author: [wanjung kim](#)

A Bayesian Interpretation of the Factors Determining Voter Apathy in Nigeria

Author: [Mr Peter Ohue](#)

Use of AIS Data for Monitoring Shipping Activities in Indonesian Waters and Visits to Overseas Ports

Author: [Ladisa Busaina](#)

Spatial Analysis: Racial Segregation of Multi-ethnic in Borneo's East, Malaysia

Author: [Zainal Abidin Abd Mutalib](#)

Participants:

Presenter/Speaker: [Mr Peter Ohue](#)

Chair: [Prof. David Banks](#)

Presenter/Speaker: [Kossi Edem Kludza](#)

Presenter/Speaker: [Zainal Abidin Abd Mutalib](#)

Presenter/Speaker: [wanjung kim](#)

Presenter/Speaker: [Ladisa Busaina](#)

Modeling Extreme Precipitation Events in Lesotho: Bayesian Inference and EVT Application

Author: Kabeli Mefane

Estimating missing daily rainfall data

Author: Nothabo Ndebele

A Homogeneous Semi-Markov Model for the Analysis of Crude Oil Spills in Niger Delta Region, Nigeria

Author: Dr Enobong Udoumoh

Enhanced Land Cover Classification Using Deep Learning with High-Resolution Freely Available Satellite Imagery

Author: Uwimbabazi Denyse

The AusEnHealth project

Author: Aiden Price

Participants:

Presenter/Speaker: Dr Enobong Udoumoh

Chair: Christopher Wikle

Presenter/Speaker: Aiden Price

Presenter/Speaker: Kabeli Mefane

Presenter/Speaker: Uwimbabazi Denyse

Presenter/Speaker: Nothabo Ndebele

16:00–17:00

CPS 27 - Nonresponse Bias, Nonprobability Sampling, and Estimation Strategies in Survey Methodology

CPS
Room - Asia

Thresholding Nonprobability Units in Combined Data for Efficient Domain Estimation

Author: [Terrance Savitsky](#)

Penalized spline model-based composite estimator of proportion in a finite population using probability and non-probability sample

Author: [Danute Krapavickaite](#)

Computational Analysis and Comparison of Snowball and Respondent-Driven Sampling

Author: [João Gabriel Malaguti](#)

ESTIMATION OF INTERNET QUALITY MEASUREMENTS FOR BRAZILIAN PUBLIC SCHOOLS FROM A SELF-SELECTED SAMPLE

Author: [Marcelo Trindade Pitta](#)

Web surveys in public health research: a systematic comparison of different sampling strategies

Author: [Rainer Schnell](#)

Participants:

Presenter/Speaker: [Danute Krapavickaite](#)

Chair: [Yves Tillé](#)

Presenter/Speaker: [Marcelo Trindade Pitta](#)

Presenter/Speaker: [João Gabriel Malaguti](#)

Presenter/Speaker: [Terrance Savitsky](#)

Presenter/Speaker: [Rainer Schnell](#)

16:00–17:00

CPS 32 - Gender Equality and Social Policy

CPS
Room - Europe 2

Identifying Operational Firm Leaders: Algorithm Development and Novel Insights

Author: [Fredrik Andersson](#)

2025 International Statistical Institute congress

Author: [Christiane Arsenault](#)

The Role of Statistics in Enhancing Societal Policies Related to Women in Egypt

Author: [NORA DALAL](#)

Explaining the Financial Inclusion and Digital Financial Access Gap in the Aftermath of COVID-19: A Case Study of Palestine

Author: [Rabeh Morrar](#)

Participants:

Chair: [Miss Milica Maricic](#)

Presenter/Speaker: [Fredrik Andersson](#)

Presenter/Speaker: [Christiane Arsenault](#)

Presenter/Speaker: [Rabeh Morrar](#)

Presenter/Speaker: [NORA DALAL](#)

16:00–17:00

CPS 40 - Measuring and Modelling Food Insecurity and Household Welfare

CPS
Room - Kilimanjaro
1

A quadratic almost ideal demand system approach to estimate of food and fuel price inflation on the welfare of households in Benin

Author: [Mr Felicien Accrombessy](#)

Enhancing Food Insecurity Measurement: Integrating Item Response Theory with Complex Survey Designs

Author: [Alinne Veiga](#)

Spatiotemporal modeling of household's food insecurity levels in Ethiopia

Author: [Habtamu Tilaye Wubetie](#)

Urban Housing and Its Impact on Household Food Security

Author: [Isnaeni Nur Khasanah](#)

Participants:

Chair: [Mr Felicien Accrombessy](#)

Presenter/Speaker: [Isnaeni Nur Khasanah](#)

Presenter/Speaker: [Habtamu Tilaye Wubetie](#)

Presenter/Speaker: [Alinne Veiga](#)

16:00–17:00

CPS 41 - Agricultural Statistics — Productivity and Crop Forecasting

CPS
Room - Onyx

Predicting banana productivity by machine learning: role of soil properties on banana morphological dimensions.

Author: [Fabricio Guevara-Viejó](#)

Linear Modeling of Zonal Level Crop Production in Ethiopia

Author: [Yidnekachew Sorbala](#)

Enhancing grain futures price prediction with a multi-objective ensemble learning model using residual learning

Author: [Weixin Sun](#)

Combination Forecasting Method of Linear Mixed Model (LMM) and Machine Learning Method on Rice Phenology Model Using Sentinel-1 Image Data.

Author: [Hengki Muradi](#)

Participants:

Presenter/Speaker: [Yidnekachew Sorbala](#)

Presenter/Speaker: [Fabricio Guevara-Viejó](#)

Chair: [Simone PIERALLI](#)

Presenter/Speaker: [Weixin Sun](#)

Presenter/Speaker: [Hengki Muradi](#)

Finding the Goldilocks data collection frequency for the Consumer Price Index

Author: Luigi Palumbo

Research on the development of online price index using AI technology

Author: Dahye Jang

Criticisms, Validations and Identification of criticality in price collection

Author: Carolina da Costa

E-shops transaction data for price statistics

Author: Peter Knížat

The Future of PPI: Trends and Innovations in Price Measurement.

Author: Bonita Natamba Esther

Participants:

Presenter/Speaker: Luigi Palumbo

Presenter/Speaker: Peter Knížat

Presenter/Speaker: Dahye Jang

Presenter/Speaker: Bonita Natamba Esther

Presenter/Speaker: Carolina da Costa

Unlocking Insights: Time Series Clustering Techniques

Author: Carmela Iorio

On the evaluation of automatic procedures for the selection of the ARMA model order

Author: Sónia Gouveia

An information criterion for detecting periodicities in functional time series

Author: Rinka Sagawa

Participants:

Chair: Prof. Nalini Ravishanker

Presenter/Speaker: Carmela Iorio

Presenter/Speaker: Rinka Sagawa

Presenter/Speaker: Sónia Gouveia

Why do immigrants move to rural areas?

Author: Neil Fidelle Lomibao

The Green Path to Financial Stability for Indonesian Migrant Workers

Author: Farakh Khoirotn Nasida

Assessing the Financial Toll of Educational Mismatches

Author: Putri Ilhami Firdaus

Generation of young adults living with their parents in Poland - experimental study

Author: Paweł Murawski

THE DYNAMICS IN THE FAMILY STRUCTURE AND MODERN CONTRACEPTIVES USE IN UGANDA

Author: Service Francis Okello

Participants:

Chair: Dr Kalinda Elizabeth Griffiths

Presenter/Speaker: Service Francis Okello

Presenter/Speaker: Farakh Khoirotn Nasida

Presenter/Speaker: Putri Ilhami Firdaus

Presenter/Speaker: Paweł Murawski

Presenter/Speaker: Neil Fidelle Lomibao

The Effectiveness of Development Assistance for reducing poverty in Egypt (An econometric model)

Author: mohamed ramadan

Health, Poverty, and Well-Being: A case of Tanzania

Author: Gabriel Simbila

Incorporating Sustainability into Poverty Measurement in Indonesia

Author: Siectio Dicko Pratama

The Dynamics of Wage Inequality in the Regions of the European Union

Author: Fernando Flores Tavares

Participants:

Chair: Dr Chigozie Kelechi Acha

Presenter/Speaker: Gabriel Simbila

Presenter/Speaker: Siectio Dicko Pratama

Presenter/Speaker: mohamed ramadan

Presenter/Speaker: Fernando Flores Tavares

16:00–17:00

CPS 60 - Technology and Knowledge Integration in Official Statistics

CPS
Room - Yangtze 2

The process for machine learning at Statistics Sweden

Author: Jens Malmros

Virtual Knowledge Graph for data integration in BPS-Statistics Indonesia

Author: Brilian Surya Budi

Modeling Business Process Activities and Data

Author: Manuel Cuéllar-Río

A Roadmap for Government Institution Performance Enhancement through Knowledge Management: A Comprehensive Study of Statistics Indonesia

Author: Achmad Muchlis Abdi Putra

Participants:

Presenter/Speaker: Manuel Cuéllar-Río

Chair: Trygve Falch

Presenter/Speaker: Jens Malmros

Presenter/Speaker: Brilian Surya Budi

Presenter/Speaker: Achmad Muchlis Abdi Putra

16:00–17:00

CPS 64 - Data Dissemination and User Engagement in Official Statistics

CPS
Room - Europe 1

Provision of statistical information to various user groups in the Czech Statistical Office

Author: Petra Kuncova

Modernised Framework of Online Data Dissemination Services in Hong Kong, China

Author: Wai Hei Yung

How Statistics Sweden uses the Department of Data Management to Ensure Access to High-Quality Data

Author: Ulf Durnell

The IBGE Communication Circuit

Author: Claudio Marques

Challenges and Insights in Developing and Evaluating a Retrieval Augmented Generation Agent for Official Statistics

Author: Mr Lino Galiana

Official statistics

Author: cecilia punyua

Participants:

Presenter/Speaker: Mr Lino Galiana

Presenter/Speaker: Petra Kuncova

Presenter/Speaker: cecilia punyua

Presenter/Speaker: Claudio Marques

Presenter/Speaker: Wai Hei Yung

Presenter/Speaker: Ulf Durnell

Developing a Comprehensive Business Glossary and Core Ontology (CBGCO)

Author: [Shamsa Mohamed Almheiri](#)

Data ecosystems in official statistics: orientation and examples from Statistics Finland

Author: [Pasi Piela](#)

Where to start improving data quality?

Author: [Isnaeni Noviyanti](#)

Integrating Artificial Intelligence into Malaysia's Statistical Framework for a New Era of Data Management

Author: [mazreha yaakub](#)

Participants:

Presenter/Speaker: [Pasi Piela](#)

Presenter/Speaker: [Isnaeni Noviyanti](#)

Presenter/Speaker: [Shamsa Mohamed Almheiri](#)

Chair: [Ana-Maria Ciuhu \(Dobre\)](#)

Presenter/Speaker: [mazreha yaakub](#)

Anonymization for integrated and georeferenced Data (AnigeD)

Author: [Jannek Mühlhan](#)

Regional analysis of taxable income in Berlin and spatial anonymization methods

Author: [Lorena Gril](#)

Participants:

Chair: [Jannek Mühlhan](#)

Presenter/Speaker: [Lorena Gril](#)

Joint modeling of longitudinal changes of blood pressure and time to remission of hypertensive patients receiving treatment: Bayesian approach

Author: [Frezer Tilahun Getaneh](#)

Correlates of time to microvascular complications among diabetes mellitus patients using parametric and non-parametric approaches

Author: [Lewtnesh Berihun Dangew](#)

Smartphone addiction and its implications among university students in Bangladesh: a cross-sectional survey

Author: [Dr MD SHAHJAHAN](#)

Conducting meta-analysis to evaluate diagnostic accuracy of computerized clinical decision support systems

Author: [Ling Li](#)

Participants:

Presenter/Speaker: [Dr MD SHAHJAHAN](#)

Chair: [Sandra Safo](#)

Presenter/Speaker: [Ling Li](#)

Presenter/Speaker: [Marta Avalos-Fernandez](#)

Presenter/Speaker: [Lewtnesh Berihun Dangew](#)

Presenter/Speaker: [Frezer Tilahun Getaneh](#)

What's really going on with student engagement? Using dashboards and improved data skills to gain a clearer picture of students' engagement.

Author: [Mitchum Bock](#)

How Effective Are Voice-Modded Lectures for Diverse Students?

Author: [Karol Binkowski](#)

Implementing Adaptive Learning for a large Statistics Class

Author: [David Chew](#)

Participants:

Presenter/Speaker: [Marie Huskova](#)

Chair: [Matus Maciak](#)

Presenter/Speaker: [David Chew](#)

Presenter/Speaker: [David O. Siegmund](#)

Presenter/Speaker: [Valentina Masarotto](#)

Presenter/Speaker: [Karol Binkowski](#)

Presenter/Speaker: [Abhishek Kaul](#)

Presenter/Speaker: [Mitchum Bock](#)

PB5-Analyzing the Dynamics of Women's Human Development in Morocco: Trends in Labor Market Participation and Educational Attainment

Author: [Mr Abdessamad AIT MBAREK](#)

PB6-Application of machine learning to classify individuals based on Body Constitution

Author: [Remya R. Nath](#)

PB7-DEVELOPMENT OF A GENERALISED AUTOREGRESSIVE CONDITIONAL HETEROSKEDASTICITY AND JORDAN NEURAL NETWORK MODEL AND APPLICATION FINANCE

Author: [Mr Oyebimpe Emmanuel Adeniji](#)

PB8-Bridging labour statistics to the masses in Singapore

Author: [Mr Jeremy Heng](#)

Participants:

Presenter/Speaker: [Mr Oyebimpe Emmanuel Adeniji](#)

Presenter/Speaker: [Mr Abdessamad AIT MBAREK](#)

Presenter/Speaker: [Mr Jeremy Heng](#)

Presenter/Speaker: [Remya R. Nath](#)

PB9-Depressive Symptoms and Economic Expectations in South Africa

Author: [Thembehle Luthuli](#)

PB10-Detecting renewal states in chains of variable length via intrinsic Bayes factors

Author: [Victor Freguglia Souza](#)

PB11-Functional Data Classification Using Subspace Projection

Author: [Pai-Ling Li](#)

PB12-Hypersphere candidates emanating from the Dirichlet and its extension

Author: [Dr Seitebaleng Makgai](#)

Participants:

Presenter/Speaker: [Dr Seitebaleng Makgai](#)

Presenter/Speaker: [Thembehle Luthuli](#)

Presenter/Speaker: [Pai-Ling Li](#)

Presenter/Speaker: [Victor Freguglia Souza](#)

PB29-Using the Unit Rayleigh Distribution for Modeling Double Bounded Variables with Serial Correlation

Author: [Fernando Arturo Pena Ramirez](#)

PB30-alpha-parallel priors on a one-sided truncated exponential family

Author: [Masaki Yoshioka](#)

PB31-On maximum likelihood estimation of intensity function for Poisson process with deep learning

Author: [Atsutomoto Yara](#)

PB32-Application of k-medoids for Data Clustering

Author: [Taíse Lyra](#)

Participants:

Presenter/Speaker: [Taíse Lyra](#)

Presenter/Speaker: [Masaki Yoshioka](#)

Presenter/Speaker: [Atsutomoto Yara](#)

Presenter/Speaker: [Fernando Arturo Pena Ramirez](#)

PB37-The Impact Of Socio-Economic Factors Resulting From Covid-19 On The Egyptian Economy

Author: [Dr Mahmoud Elsarawy](#)

PB38-Analyzing the Impact of Carbon Taxation on Greenhouse Gas Emissions and Economic Growth in Morocco

Author: [Fatima TOUZI](#)

PB39-Impact of automobile pollution on urban plants: Using the morphology of trees as bio indicator

Author: [Dr Andre Nana-Yakam](#)

PB40-Unraveling Child Malnutrition Determinants Using Logit Models: Shedding Light on Key Factors Influencing Children's Health

Author: [EZZRARI Abdeljaouad](#)

Participants:

Presenter/Speaker: [Dr Mahmoud Elsarawy](#)

Presenter/Speaker: [Dr Andre Nana-Yakam](#)

Presenter/Speaker: [Fatima TOUZI](#)

Presenter/Speaker: [EZZRARI Abdeljaouad](#)

PB53-The Low Skills Trap: Human capital and risk of Becoming Youth Not in Employment, Education or Training in Indonesia

Author: [Azka Muthia](#)

PB54-Data Collection and Analysis using mobile phones, Egypt case study

Author: [Haidy Mahmoud](#)

PB55-Subjective well-being and poverty in the context of social inequalities in Morocco

Author: [Khalid Soudi](#)

PB56-The Implementations of Fundamental Principles of Official Statistics In the Statistics Centre Abu Dhabi (SCAD)

Author: [Dunya Husain Al Khlaifi](#)

Participants:

Presenter/Speaker: [Dunya Husain Al Khlaifi](#)

Presenter/Speaker: [Haidy Mahmoud](#)

Presenter/Speaker: [Khalid Soudi](#)

Presenter/Speaker: [Azka Muthia](#)

PB61-Spatial Analysis of Regional Income Inequality in East Java Province, Indonesia

Author: [Wahyu Wibowo](#)

PB62-Diagnosis of colon cancer from gene expression using a machine learning model and prediction for new patients

Author: [Harouna Sangaré](#)

PB63-Machine Learning-Based Approach For Imputing Poverty Rates In The Labor Force Survey In Morocco

Author: [Mr Abdessamad AIT MBAREK](#)

PB64-Impact of the Covid-19 pandemic on women's poverty in Morocco: A multidimensional approach.

Author: [Khalid Soudi](#)

Participants:

Presenter/Speaker: [Mr Abdessamad AIT MBAREK](#)

Presenter/Speaker: [Harouna Sangaré](#)

Presenter/Speaker: [Wahyu Wibowo](#)

Presenter/Speaker: [Khalid Soudi](#)

Structural Equation Modeling with Factors and Composites

Author: Arthur Tenenhaus

A Comparison of Factorization Algorithms for the Analysis of Streaming Third-Order Tensors

Author: Alba Ester Martinez-Ruiz

Hierarchical Relations of Factor Analysis (FA) and PCA Procedures Following from a Hybrid of FA and PCA Models

Author: Kohei Adachi

Participants:

Chair: Carlo Cavicchia

Presenter/Speaker: Kohei Adachi

Presenter/Speaker: Alba Ester Martinez-Ruiz

Presenter/Speaker: Arthur Tenenhaus

Two Log-type Spatial Long Memory Volatility Models Applied to High-frequency Returns.

Author: Oliver Kojo Ayensu

Stochastic Volatility in Mean: Efficient Analysis by a Generalized Mixture Sampler

Author: Daichi Hiraki

A Scalable, Explainable Machine Learning Approach for Granular-Level Credit Dataset's Quality Assurance

Author: Peranut Nimitsurachat

Applications of distributionally robust optimization to index tracking problems

Author: Spiridon I. Penev

Participants:

Presenter/Speaker: Spiridon I. Penev

Presenter/Speaker: Peranut Nimitsurachat

Presenter/Speaker: Daichi Hiraki

Presenter/Speaker: Oliver Kojo Ayensu

Chair: Dale Rosenthal

Mixing data collection modes to achieve response rates above 70% - Results of a mixed-mode experiment at the Hungarian Central Statistical Office

Author: [Ferenc Mújdricza](#)

Asymptotic Relative Efficiency Of Randomized Designs

Author: [ABIMIBOLA OLADUGBA](#)

Computing optimal allocation of trials to sub-regions in multi-environment crop variety testing for large number of genotypes

Author: [Maryna Prus](#)

Design construction and model selection for small mixture-process variable experiments with high-dimensional model terms

Author: [Chang-Yun Lin](#)

Participants:

Presenter/Speaker: [Ferenc Mújdricza](#)

Presenter/Speaker: [Mátyás Gerencsér](#)

Chair: [Jesús Lopez-Fidalgo](#)

Presenter/Speaker: [Chang-Yun Lin](#)

Presenter/Speaker: [Maryna Prus](#)

Presenter/Speaker: [ABIMIBOLA OLADUGBA](#)

Likelihood Adaptively Incorporated External Aggregate Information

Author: [Jing Ning](#)

Predicting the evolution of clinical skin aging in a multi-ethnic population with causal Bayesian networks

Author: [Hussein Jouni](#)

Developing Clinical Prognostic Models to Predict Graft Survival after Renal Transplantation: Comparison of Statistical and Machine Learning Models

Author: [Getahun Mulugeta Awoke](#)

Antimicrobial resistance

Author: [Brenda Mac'Oduol](#)

Participants:

Presenter/Speaker: [Jing Ning](#)

Chair: [Xinyuan Song](#)

Presenter/Speaker: [Hussein Jouni](#)

Presenter/Speaker: [Brenda Mac'Oduol](#)

Presenter/Speaker: [Getahun Mulugeta Awoke](#)

17:10–18:10

CPS 29 - Spatial Determinants and Epidemiological Analysis in Children's Health

CPS
Room - Yangtze 2

Spatio-Temporal Distribution and Determinants of Diarrhea among under-five children in Ethiopia at zonal level

Author: [Melkamu A Zeru](#)

Spatial variation and risk factors of the dual burden of childhood stunting and underweight in India: a copula geoaddivitive modelling approach

Author: [Dhiman Bhadra](#)

Bayesian multilevel analysis of determinants of acute respiratory infection in children under the age of five years in Ethiopia

Author: [Tilahun Ferede Asena](#)

Spatial Epidemiology of Infant Mortality: Mapping and Analyzing Geographical Variations and Determinants in Ethiopia Using EDHS Data

Author: [Ashenafi Woya](#)

Participants:

Presenter/Speaker: [Dhiman Bhadra](#)

Chair: [Ying C. MacNab](#)

Presenter/Speaker: [Tilahun Ferede Asena](#)

Presenter/Speaker: [Ashenafi Woya](#)

Presenter/Speaker: [Melkamu A Zeru](#)

17:10–18:10

CPS 3 - Statistical Theory

CPS
Room - Everest 2

Extension of Sherman–Morrison formula to multiple rank-one-perturbations, with application to dimension asymptotics for projection matrices

Author: [Stanislav Anatolyev](#)

High-dimensional bootstrap and asymptotic expansion

Author: [Yuta Koike](#)

A Bayesian Approach to Heteroscedasticity Consistent Covariance Matrix Estimation for a Linear Regression Model

Author: [Muhammad Aslam](#)

Component and feature selection in finite mixture regression models: a self-paced learning approach

Author: [Frans Kanfer](#)

Participants:

Presenter/Speaker: [Frans Kanfer](#)

Presenter/Speaker: [Yuta Koike](#)

Presenter/Speaker: [Muhammad Aslam](#)

Presenter/Speaker: [Stanislav Anatolyev](#)

Chair: [Anuj Srivastava](#)

17:10–18:10

CPS 38 - Statistical Methods and Challenges in Poverty and Income Measurement

CPS
Room - Antarctica

Generation of poverty bounds for the Gambia using simulated panel data

Author: [Mawdo Gibba](#)

Micro-Level Poverty Indicators: Assessing Challenges and Opportunities in Egypt at the smallest geographical level

Author: [Rawia Wagih Ragab](#)

Evaluating the Feasibility of Synthesizing Poverty Models

Author: [Lara Paul Ebal](#)

The reliability of EU-SILC income data in Hungary

Author: [Annamária Tátrai](#)

New Advancements in the Timeliness of Income Statistics

Author: [Ingegerd Jansson](#)

Participants:

Presenter/Speaker: [Lara Paul Ebal](#)

Presenter/Speaker: [Ingegerd Jansson](#)

Presenter/Speaker: [Rawia Wagih Ragab](#)

Presenter/Speaker: [Mawdo Gibba](#)

Chair: [Vilma Nekrasaite-Liege](#)

Presenter/Speaker: [Annamária Tátrai](#)

17:10–18:10

CPS 42 - Agricultural Statistics — Policy Evaluation

CPS
Room - Oceania

Preliminary lessons of the 2020 round of censuses of agriculture and implications for the 2030 round

Author: [Dr Jairo Castano](#)

HARNESSING DATA FOR POLICY: EVALUATING THE SOCIO-ECONOMIC IMPACTS OF AGRICULTURAL COMMERCIALISATION ON RURAL LIVELIHOODS IN THE CONTEXT OF SDGS - INSI

Author: [Sipho Felix Mamba](#)

Participants:

Chair: [Dr Jairo Castano](#)

Presenter/Speaker: [Sipho Felix Mamba](#)

Improving Reproducibility in Sociological Research: A Call for Methodological Rigor

Author: Julian Reinhold

A categorical data analysis of the role of socioeconomic variables in the energy consumption dynamics - examples from rural Nepal

Author: Jyoti U. Devkota

The real inequality of household energy consumption in China

Author: Lixiao Xu

Does Energy Access Affect Poor Household Food Security in Indonesia? An Instrumental Variable Approach

Author: Ratna Rizki Amalia

A survey reflects the paradigm shift in electrification and power development satisfaction in Bangladesh.

Author: Chandra Shekhar Roy

Participants:

Presenter/Speaker: Lixiao Xu

Chair: Owen Abbott

Presenter/Speaker: Julian Reinhold

Presenter/Speaker: Ratna Rizki Amalia

Presenter/Speaker: Jyoti U. Devkota

Presenter/Speaker: Chandra Shekhar Roy

Modelling Customer Attrition in the Retail Banking Sector

Author: Zelalem Dessie

Leveraging Unstructured and Structured Data to Understand Foreign Investment

Author: Nursidik Heru Praptono

Fin-tech and Gender Equality in Employment: Analysis Based on Provincial Panel Data in China

Author: Ying Liu

Let us Ask a Gen AI Chatbot: Machine Versus Supervisory Bank Survey Results

Author: Ralph Joshua Macarasig

Participants:

Presenter/Speaker: Zelalem Dessie

Presenter/Speaker: Nursidik Heru Praptono

Presenter/Speaker: Ying Liu

Presenter/Speaker: Ralph Joshua Macarasig

Measuring Individuals' Awareness of Climate Change in Egypt.

Author: [safia Mohamed](#)

Use of AI for raising awareness of users of statistics on data quality

Author: [Johanna Laiho-Kauranne](#)

Achieving Data Acumen for Big Open Data using Natural Language Processing (NLP) Model

Author: [Nureni Olawale Adeboye](#)

How individuals use and benefit from official statistics: Shining a light on hidden experiences

Author: [Sofi Nickson](#)

The use of official statistics in UK public policy: facilitators and barriers

Author: [Penny Babb](#)

Participants:

Presenter/Speaker: [Nureni Olawale Adeboye](#)

Chair: [Olushina Olawale Awe](#)

Presenter/Speaker: [safia Mohamed](#)

Presenter/Speaker: [Johanna Laiho-Kauranne](#)

Presenter/Speaker: [Sofi Nickson](#)

Presenter/Speaker: [Penny Babb](#)

The importance of “place” in an integrated statistical data system

Author: [Gary Dunnet](#)

DIGITALISATION AT THE SERVICE OF THE GENERAL POPULATION AND HOUSING CENSUS (GPHC 2024) IN MOROCCO.

Author: [hanane HOUCHIMI](#)

Re-engineering of Population Census in Hong Kong, China

Author: [Ka Pui Chung](#)

Development of New Centralised Systems to Optimise Data Collection and Fieldwork Management in Hong Kong, China

Author: [Chun-yin TSANG](#)

Participants:

Chair: [Mr Eric Schulte Nordholt](#)

Presenter/Speaker: [Gary Dunnet](#)

Presenter/Speaker: [hanane HOUCHIMI](#)

Presenter/Speaker: [Chun-yin TSANG](#)

Presenter/Speaker: [Ka Pui Chung](#)

Enhancing Official Statistics Through Innovation: The NBS JourneyAuthor: [Victoria Irenonse](#)

The practical challenges of deriving a statistical population spine without an underlying administrative population register

Author: [Michael Alspach](#)**Enhancing Official Statistics through Artificial Intelligence**Author: [simona cafieri](#)

Transforming Statistics Sweden's official labour market statistics – initiatives taken and outcomes achieved

Author: [Martin Axelson](#)**Participants:**Chair: [Mark Petrus Jacobus van der Loo](#)Presenter/Speaker: [Martin Axelson](#)Presenter/Speaker: [simona cafieri](#)Presenter/Speaker: [Victoria Irenonse](#)Presenter/Speaker: [Michael Alspach](#)

Working with a mobile network operator (MNO) to create a privacy-conform method for a better access to MNO-Data

Author: [Lorenz Ade](#)

Quantity versus Quality in Travel Diary studies?: Evaluation of a smartphone app collecting geolocations to construct travel diaries.

Author: [Danielle Remmerswaal](#)

New Digital Data Sources for Transport Planning and Mobility Analyses

Author: [Natalie Rosenski](#)

Imputation method for automatic cycling counter data

Author: [Gergely Attila Kiss](#)**Participants:**Chair: [Frederick Kin Hing Phoa](#)Presenter/Speaker: [Gergely Attila Kiss](#)Presenter/Speaker: [Lorenz Ade](#)Presenter/Speaker: [Danielle Remmerswaal](#)Presenter/Speaker: [Natalie Rosenski](#)

Integrating NLP Feedback on Project-Based Learning in Statistics and Data Science Education: Insights from Israeli Academic College

Author: [Dr Yelena Stukalin](#)

The use of AI in Introductory Statistics courses

Author: [Dr Peter Kovacs](#)

Interactive Oral Assessment in a statistical literacy course

Author: [Stephanie Clare Budgett](#)

Statistical literacy through games and activities that encourage the investigative cycle

Author: [bianca walsh](#)

Participants:

Presenter/Speaker: [Dr Yelena Stukalin](#)

Chair: [Prof. Ayse Aysin Bilgin](#)

Presenter/Speaker: [Dr Peter Kovacs](#)

Presenter/Speaker: [Stephanie Clare Budgett](#)

Presenter/Speaker: [bianca walsh](#)

Research on Innovation in Statistical Governance for Solving Social Problems: Focusing on the Analysis of Interlinkages Between SDG Indicators

Author: [Junwoo Jeon](#)

Data Governance in Official Statistics: Support or Burden?

Author: [Eko Rahmadian](#)

Process Design Methodology of Statistical Business Registers in Abu Dhabi Emirate

Author: [Dr. Maitha Al Junaibi](#)

Participants:

Chair: [Dr Luca Di Gennaro](#)

Discussant: [Anna Smyk](#)

Presenter/Speaker: [Eko Rahmadian](#)

Presenter/Speaker: [Junwoo Jeon](#)

Presenter/Speaker: [Dr. Maitha Al Junaibi](#)

Participants:

Chair: [Barteld Braaksma](#)

Panellist: [Jean-Marc Museux](#)

Panellist: [Andreas Braun](#)

17:10–18:10

Making the communication of statistical information a priority: what is needed and how can we collaborate. (panel discussion)

Innovative Meetings
Room - Amazon

Participants:

Panellist: Dr Steve MacFeely

Discussant: Barteld Braaksma

Discussant: Ger J.M.E. Snijkers

Panellist: Mojca Bavdaz

Chair: Reinoud Stoel

Panellist: Wendy Schelfaut

Panellist: Nina Jere

Panellist: Piyushimita (Vonu) Thakuriah

18:30–20:00

ISI Author Workshop

Administrative
Meetings
Room - Onyx

Short Description

Closed

18:30–20:00

ISI Committee on Women in Statistics Networking Event

Social Activities
Level -1 - Atlantic

Short Description

Connect, network, and celebrate women in statistics over drinks and discussion tables.

Wednesday, 8 October 2025

08:00–09:10 SIPS 1107 - ISI President's Invited Speaker: Bhramar Mukherjee

SIPS
Auditorium - King
Willem Alexander

Ethics, Community, Communication, and Capacity Building: The Four Quadrants of ISI

Author: Bhramar Mukherjee

Participants:

Chair: Xuming He

Presenter/Speaker: Bhramar Mukherjee

09:20–10:30 IPS 1105 - Statistics in South Korea

IPS
Room - Europe 1

Development of '(De Facto) Living Population' Statistics to Support Depopulation Regions

Author: Deoksu Kim

Participants:

Chair: Woncheol Jang

Organiser: Deoksu Kim

Presenter/Speaker: Youngsim Jeong

Presenter/Speaker: Dahye Jang

Presenter/Speaker: Hyunsun Kim

09:20–10:30 IPS 1118 - ISI Advisory Board on Ethics: Statistics for the Common Good - Governance framework for scientific integrity and professional independence

IPS
Room - Oceania

Participants:

Panellist: Dr Steve MacFeely

Chair: Dr Walter J. Radermacher

Panellist: Ed Humpherson

Panellist: John Aston

Panellist: Ronald L. Wasserstein

Panellist: Albina Chuwa

Panellist: Graciela Cristina Bevacqua

Panellist: Kerstin Schneider

Missing data visualisation

Author: Hanne Oberman

Air quality monitoring: combining different types of sensor measurements to debias physicochemical model outputs.

Author: Jean-Michel Poggi

Participants:

Chair: Casper J. Albers

Presenter/Speaker: Jean-Michel Poggi

Presenter/Speaker: Inger Fabris-Rotelli

Presenter/Speaker: Hanne Oberman

Presenter/Speaker: Alfred Stein

Challenges and achievements in coordinating the implementation of the quality strategy in Istat modernised statistical production system

Author: Giorgia Simeoni

Developing the Norwegian Quality System for Official Statistics

Author: Xenia Kristine Dimakos

Participants:

Presenter/Speaker: Giorgia Simeoni

Presenter/Speaker: Xenia Kristine Dimakos

Presenter/Speaker: Matthias Reister

Presenter/Speaker: Tiziana Tuoto

Organiser: Pietro Gennari

Presenter/Speaker: Jan Smit

Lessons of Lucia

Author: Richard Gill

Participants:

Chair: Nancy Reid

Presenter/Speaker: Richard Gill

09:20–10:30 SIPS 1140 - IASS Cochran Hansen Prize

SIPS
Room - Africa

Small area estimation under a spatially correlated multivariate area-level model

Author: Saurav Guha

Participants:

Chair: Parthasarathi Lahiri

Organiser: Prof. Natalie Shlomo

Presenter/Speaker: Saurav Guha

09:20–10:30 SIPS 1144 - ISI Jan Tinbergen Prize for Young Statisticians

SIPS
Room - South
America

Participants:

Chair: Prof. Paolo Giudici

Presenter/Speaker: Tarikul Islam

10:30–10:50 **Comfort Break**

Comfort Break
Princess Ariane

10:50–12:30 **IPS 1005 - Building Bridges Between (Official) Statistics and Machine Learning Methodology**

IPS
Room - Everest 2

Design-based predictive inference for Survey Sampling

Author: Luis Sanguiao-Sande

From technology to methodology: A machine learning framework for high quality statistics

Author: Marco Puts

On quality, legal and ethical aspects of ML in official statistics

Author: Florian Dumpert

Underlying statistical principles in machine learning and data science.

Author: Femke Bosman

Participants:

Presenter/Speaker: Luis Sanguiao-Sande

Chair: Reinoud Stoel

Organiser: Marco Puts

Presenter/Speaker: Florian Dumpert

Presenter/Speaker: Femke Bosman

Presenter/Speaker: Luuk Gubbels

10:50–12:30

IPS 1010 - Implementing the Copenhagen Framework on Citizen Data for a More Inclusive Data Ecosystem

IPS
Room - Kilimanjaro
1

Participants:

Organiser: Ms Haoyi Chen

Presenter/Speaker: Monica Pratesi

Presenter/Speaker: Francesca Perucci

Discussant: Saionara Reis

Presenter/Speaker: Piedad Urdinola

10:50–12:30

IPS 1027 - Data Science for Food Security and Safety

IPS
Room - North
America

Genetic improvement: a safe and sustainable solution for improved agricultural food systems

Author: Alison Kelly

Leveraging Artificial Intelligence and Non-Conventional Data for Predicting and Monitoring Food Insecurity and Risks

Author: Carola Fabi

Monitoring Global Food Insecurity: An Artificial Intelligence Approach

Author: Carola Fabi

Participants:

Chair: Elisabetta Carfagna

Presenter/Speaker: Oliver J. M Chinganya

Organiser: Elisabetta Carfagna

Presenter/Speaker: Carola Fabi

Presenter/Speaker: Alison Kelly

Adversarial AI for Healthcare Fraud Detection

Author: Tahir Ekin

Enhancing MRI Brain Tumor Segmentation by Incorporating Identity Block and U-Net with Shearlet Transforms

Author: Neslihan Gokmen Inan

Selecting Between Clustering Methods: An Innovative Approach

Author: Luca Frigau

Participants:

Presenter/Speaker: Luca Frigau

Presenter/Speaker: Tahir Ekin

Presenter/Speaker: Tahir Ekin

Organiser: Ozan Kocadagli

Presenter/Speaker: Neslihan Gokmen Inan

Presenter/Speaker: Neslihan Gokmen Inan

Simplifying Complex Data: How ChatGPT Helps Self-Learners Understand Statistics

Author: Katharina Schüller

Statistics and Generative AI: What about the wizard behind the curtain?

Author: Nairanjana Dasgupta

AI in the Statistics Ecosystem: From Research Assistance to Educational Disruption

Author: Prof. Zhiwu Zhang

Participants:

Organiser: Prof. Zhiwu Zhang

Presenter/Speaker: Katharina Schüller

Panellist: Arvind Rao

Presenter/Speaker: Nairanjana Dasgupta

Chemical reaction networks with reaction rates changing stochastically in time

Author: [Daniele Daniele Cappelletti](#)

Stochastic Processes and Applications

Author: [Randolf Altmeyer](#)

Classification of Hawkes processes and application to bats monitoring.

Author: [Charlotte Dion-Blanc](#)

Spectral calibration of time-inhomogeneous exponential Lévy models

Author: [Jakob Soehl](#)

Participants:

Presenter/Speaker: [Jakob Soehl](#)

Organiser: [Ester Mariucci](#)

Presenter/Speaker: [Daniele Daniele Cappelletti](#)

Presenter/Speaker: [Charlotte Dion-Blanc](#)

Presenter/Speaker: [Randolf Altmeyer](#)

Data Science for Environmental Literacy: An Experience-based Approach

Author: [laura martignon](#)

Data science: Extending the frontiers of statistical understanding for young learners

Author: [Aisling Leavy](#)

Empowering future educators: Integrating data science into teacher education through the DataSETUP project

Author: [Daniel Frischemeier](#)

How can we develop data literacy by the end of high-school? Four challenges (and a funeral) for educational policy

Author: [Prof. Iddo Gal](#)

Participants:

Presenter/Speaker: [Prof. Iddo Gal](#)

Organiser: [Susanne Podworny](#)

Presenter/Speaker: [Aisling Leavy](#)

Discussant: [Robert Gould](#)

Chair: [Daniel Frischemeier](#)

Presenter/Speaker: [laura martignon](#)

10:50–12:30

IPS 754 - Advances in High-Dimensional Extreme Value Statistics

IPS
Room - Antarctica

Bayesian multiscale modelling of spatial extremes

Author: [Marco Oesting](#)

Some considerations for designing generative stochastic models for extreme events

Author: [Thomas Opitz](#)

Spatial dependence and space-time trend in extreme events

Author: [Claudia Neves](#)

A penalized least squares estimator for extreme-value models with multiple extreme directions

Author: [Anna Kiriliouk](#)

Participants:

Organiser: [Kirstin Strokorb](#)

Presenter/Speaker: [Marco Oesting](#)

Presenter/Speaker: [Thomas Opitz](#)

Presenter/Speaker: [Claudia Neves](#)

Presenter/Speaker: [Anna Kiriliouk](#)

10:50–12:30

IPS 770 - Computationally-Intensive Methodologies for Analyzing
Large Datasets: A Blissful Marriage Against All Odds?

IPS
Room - Asia

A divide-and-conquer EM algorithm for large matrix-variate non-Gaussian longitudinal data

Author: [Dipankar Bandyopadhyay](#)

Asynchronous and Distributed Data Augmentation for Massive Data Settings

Author: [Sanvesh Srivastava](#)

Topical Hidden Genome: Discovering Latent Cancer Mutational Topics Using a Bayesian
Multilevel Context-Learning Approach

Author: [Saptarshi Chakraborty](#)

Participants:

Organiser: [Dipankar Bandyopadhyay](#)

Presenter/Speaker: [Sanvesh Srivastava](#)

Chair: [Tanujit Dey](#)

Presenter/Speaker: [Saptarshi Chakraborty](#)

Presenter/Speaker: [Rene Gutierrez Marquez](#)

10:50–12:30

IPS 776 - Web Data for Official Statistics – Methodology, Quality, Production and Community

IPS
Room - Europe 1

Measuring the quality of official statistics based on web data

Author: [Magdalena Six](#)

Official statistics using web data: new use cases

Author: [Olav ten Bosch](#)

Real-estate statistics from web data

Author: [Klaudia Peszat](#)

Participants:

Presenter/Speaker: [Magdalena Six](#)

Organiser: [Alexander Kowarik](#)

Presenter/Speaker: [Olav ten Bosch](#)

Presenter/Speaker: [Klaudia Peszat](#)

Discussant: [Dominika Nowak](#)

10:50–12:30

IPS 788 - Advances in the Reduction of Bias Through Adaptive Design and Nonresponse Adjustments

IPS
Room - Europe 2

Accounting for measurement and selection effects in a mixed-mode adaptive survey design

Author: [Kees van Berkel](#)

Adaptive Design with Small Geographies: Managing Errors and Controlling Costs

Author: [Stephanie Coffey](#)

Reducing bias in household survey estimates using enhanced frames

Author: [Paul Schubert](#)

The Impact of Model Selection Strategies on Outcomes in Responsive and Adaptive Survey Designs

Author: [James Wagner](#)

Participants:

Organiser: [Anders Holmberg](#)

Chair: [Prof. Natalie Shlomo](#)

Discussant: [John Lamont Eltinge](#)

Presenter/Speaker: [James Wagner](#)

Presenter/Speaker: [Stephanie Coffey](#)

Presenter/Speaker: [Paul Schubert](#)

Presenter/Speaker: [Kees van Berkel](#)

A modified spatial+ approach to remove bias in fixed effects estimates in multivariate spatial models for areal count data

Author: [Tomas Goicoa](#)

Computationally efficient spatio-temporal disease mapping for massive data

Author: [Duncan Lee](#)

On Bayesian multilevel disease mapping, distributional regression, and spatial confounding

Author: [Ying C. MacNab](#)

Spatio-temporal modelling in distributional regression

Author: [Thomas Kneib](#)

Participants:

Discussant: [Prof. Alexandra Schmidt](#)

Presenter/Speaker: [Tomas Goicoa](#)

Presenter/Speaker: [Ying C. MacNab](#)

Organiser: [Lola Ugarte](#)

Presenter/Speaker: [Duncan Lee](#)

Presenter/Speaker: [Thomas Kneib](#)

Bayesian inference for two nonstandard flexible families of bivariate Kumaraswamy models: theory and applications

Author: [Indranil Ghosh](#)

Discrete Weibull Geometric Regression Model and its Applications

Author: [Joby Kanjarakkattu Jose](#)

Multivariate Leimkuhler Curve: Properties and Applications to Analysis of Bibliometric Data

Author: [Sreenayanapurath M. Sunoj](#)

Stochastic Volatility Models with Correlated Errors

Author: [Narayana Balakrishna](#)

Participants:

Presenter/Speaker: [Narayana Balakrishna](#)

Organiser: [Sreenayanapurath M. Sunoj](#)

Presenter/Speaker: [Indranil Ghosh](#)

Presenter/Speaker: [Balakrishna Narayana](#)

Presenter/Speaker: [Joby Kanjarakkattu Jose](#)

Circular kernel density estimation: A novel data-driven smoothing parameter

Author: [Jose Ameijeiras Alonso](#)

Homogeneity of road networks for accessibility modeling accounting for directionality

Author: [Renate Thiede](#)

Mixture regression for circular data

Author: [Najmeh Nakhaeirad](#)

Road network implications on criminology through the K-cross function and directional analysis

Author: [Jan van Wyk de Vries](#)

sfnetworks: Tidy Geospatial Networks in R

Author: [Andrea Gilardi](#)

A mobility similarity measure for spatial linear networks

Author: [Rene Stander](#)

Quantifying local anisotropy in point pattern analysis

Author: [Kabelo Mahloromela](#)

Participants:

Organiser: [Inger Fabris-Rotelli](#)

Presenter/Speaker: [Najmeh Nakhaeirad](#)

Presenter/Speaker: [Renate Thiede](#)

Presenter/Speaker: [Jan van Wyk de Vries](#)

Presenter/Speaker: [Rene Stander](#)

Presenter/Speaker: [Kabelo Mahloromela](#)

Discussant: [Ansie Smit](#)

Presenter/Speaker: [Andrea Gilardi](#)

Presenter/Speaker: [Jose Ameijeiras Alonso](#)

Building a new sustainable agricultural productivity database: International comparisons

Author: [Simone PIERALLI](#)

Statistics behind the agricultural total factor productivity in the EU

Author: [Klára ANWAR](#)

Building a policy relevant index of agricultural sustainable productivity

Author: [Jesús ANTÓN](#)

Participants:

Presenter/Speaker: [Klára ANWAR](#)

Presenter/Speaker: [Jesús ANTÓN](#)

Discussant: [Maria VRACHIOLI](#)

Presenter/Speaker: [Simone PIERALLI](#)

Chair: [Marjo Kasanko](#)

10:50–12:30

IPS 968 - Digitalisation in Financial Markets and New Horizons for Data and Reporting

IPS
Room - Yangtze 1

Assessing the impact of digitalisation and Fintech developments on South Africa's financial corporations – a macroeconomic statistical perspective

Author: [Barend de Beer](#)

Data quality challenges in granular databases on financial transactions

Author: [Sébastien Perez-Duarte](#)

How to use Trade Repository data on OTC derivatives for analysis – a practical framework

Author: [Yun Fat Chan](#)

Monetary and Financial Statistics of the Central Bank of Chile. A focus on high frequency, visualization and automation

Author: [Juan Pablo Cova Moraga](#)

Participants:

Organiser: [Bruno Tissot](#)

Presenter/Speaker: [Barend de Beer](#)

Chair: [Dominique Durant](#)

Presenter/Speaker: [Sébastien Perez-Duarte](#)

Presenter/Speaker: [Juan Pablo Cova Moraga](#)

Presenter/Speaker: [Yun Fat Chan](#)

10:50–12:30

IPS 988 - Ethical Principles in the Statistical Profession: Challenges Faced by Developing Countries

IPS
Room - Yangtze 2

Ethical Principles in the Statistical Profession: Challenges Faced by Developing Countries

Author: [Amjad Javaid](#)

Ethical Principles in the Statistical Profession: Challenges faced by Developing – A case of the United Republic of Tanzania

Author: [Albina Chuwa](#)

Participants:

Organiser: [Prof. Saleha Naghmi Habibullah](#)

Presenter/Speaker: [Amjad Javaid](#)

Discussant: [Olushina Olawale Awe](#)

Discussant: [Manfred Borovcnik](#)

Chair: [Teresita Evelina Teran](#)

Presenter/Speaker: [Albina Chuwa](#)

Presenter/Speaker: [Amjad Javaid Sandhu](#)

Presenter/Speaker: [Joyce Otieno](#)

Development of social and demographic statistics in Lithuania

Author: [Inga Masiulaityte-Sukevic](#)

Innovation in social and demographic statistics in Latvia

Author: [Baiba Zukula](#)

Standardisation of production processes in social statistics at Statistics Netherlands: Change program KERS

Author: [Hanneke Imbens](#)

Participants:

Chair: [Misha V. Belkindas](#)

Presenter/Speaker: [Prof. Dominik Rozkrut](#)

Presenter/Speaker: [Inga Masiulaityte-Sukevic](#)

Presenter/Speaker: [Lidija Croatian Bureau of Statistics](#)

Presenter/Speaker: [Inga Masiulaityte-Sukevic](#)

Organiser: [Jurate Petrauskiene Valstybes](#)

Presenter/Speaker: [Baiba Zukula](#)

Presenter/Speaker: [Hanneke Imbens](#)

12:30–13:55 **IAOS 2026 Programme Committee**

Administrative
Meetings
Room - Europe 1

12:30–13:55 **IASE General Assembly**

Administrative
Meetings
Room - Oceania

Short Description

Open for IASE Members

12:30–13:55 **IASS Incoming Executive Committee**

Administrative
Meetings
Room - Europe 2

Short Description

Closed

12:30–13:55 **ISBIS Executive Committee/Council Incoming/Outgoing**

Administrative
Meetings
Room - Onyx

Short Description

Closed

12:30–13:55 **ISI Advisory Board on Ethics**

Administrative
Meetings
Room - North
America

Short Description

ISI Advisory Board on Ethics

12:30–13:55 **ISI Committee for Young Statisticians' Meeting**

Administrative
Meetings
Room - South
America

Short Description

Open

12:30–13:55 **ISI Committee on Agricultural Statistics**

Administrative
Meetings
Room - Antarctica

Short Description

Closed

12:30–13:55 **ISI Committee on Women in Statistics Country Representatives**

Administrative
Meetings
Room - Africa

12:30–13:55 **ISI Nominations Committee - II**

Administrative
Meetings
Room - Asia

Short Description

Closed

12:30–13:55 **ISR Editorial Board**

Administrative
Meetings
Room - Everest 1

Short Description

Closed

12:30–13:15 **Presentation of vISIon, The ISI Magazine**

Innovative Meetings
Room - Central
America

12:30–14:00 **Lunch**

Lunch
Lobby - Queen
Maxima

14:00–15:40 **IPS 1006 - The Project Method as an Innovative Way to Learn
Statistics**

IPS
Room - Everest 2

Statistics Emerged from Working on Applied Problems – The Project Method is a Natural Way for Learning it

Author: [Manfred G. Borovcnik](#)

THE PROJECT METHOD AS A CHALLENGE FOR THE TEACHING OF APPLIED STATISTICS

Author: [Teresita Evelina Teran](#)

Work Ready Statistics Graduates.

Author: [Prof. Ayse Aysin Bilgin](#)

Participants:

Chair: [David Stern](#)

Presenter/Speaker: [Prof. Ayse Aysin Bilgin](#)

Organiser: [Manfred G. Borovcnik](#)

Presenter/Speaker: [Teresita Evelina Teran](#)

Discussant: [Elinor Mair Jones](#)

Presenter/Speaker: [Tania Prvan](#)

14:00–15:40

IPS 1015 - How Societies Are Portrayed via Their Digital Resources, Activities and Economies – and Does This Convene With the Traditional Statistical Profiles

IPS
Room - Kilimanjaro
1

European households' adoption of digital finance

Author: [Panagiota \(Tetti\) Tzamourani](#)

Whose rights are left out

Author: [Rajendran Narayanan](#)

Humanising Data Beyond Numbers: Leveraging Advanced Analytics with Qualitative Insights in the Digital Era

Author: [Krista Lagus](#)

“Mobile information society” – a retrospective view

Author: [Mika Pantzar](#)

What If? Rethinking Statistical Production From a Blank Slate

Author: [Joakim Malmdin](#)

Participants:

Presenter/Speaker: [Joakim Malmdin](#)

Discussant: [Maria Susanna Valaste](#)

Organiser: [Johanna Laiho-Kauranne](#)

Presenter/Speaker: [Krista Lagus](#)

Presenter/Speaker: [Mika Pantzar](#)

Presenter/Speaker: [Rajendran Narayanan](#)

Presenter/Speaker: [Panagiota \(Tetti\) Tzamourani](#)

14:00–15:40

IPS 1025 - Machine Learning, Explainability and Statistics

IPS
Room - Kilimanjaro
2

On Combining Estimators with an Application to Randomized Clinical Trials

Author: [Daniel Jeske](#)

Using Machine Learning in the Production of Official Statistics: Progress, Potential, and Challenges

Author: [Dr Linda J. Young](#)

Participants:

Presenter/Speaker: [Dr Linda J. Young](#)

Presenter/Speaker: [Prof. Rosanna Verde](#)

Chair: [Prof. Nalini Ravishanker](#)

Presenter/Speaker: [Daniel Jeske](#)

Organiser: [Elisabetta Carfagna](#)

Presenter/Speaker: [Dominik Rozkrut](#)

Data Science and Finance

Author: Dale Rosenthal

Enhancing Recovery Rate Prediction through Explainable AI

Author: Bruno Tissot

S.A.F.E. metrics for high quality artificial Intelligence in finance

Author: Paolo Stefano Giudici, Department of Economics, University of Pavia

Participants:

Organiser: Elisabetta Carfagna

Presenter/Speaker: Prof. Paolo Giudici

Presenter/Speaker: Paolo Stefano Giudici, Department of Economics, University of Pavia

Presenter/Speaker: Bruno Tissot

Chair: Fernando Alberto Rocha

Presenter/Speaker: Dale Rosenthal

Presenter/Speaker: Dale Rosenthal

Distributional National Accounts in Belgium: An Approach Combining Administrative and Survey Data

Author: Laurent Van Belle

First experiences in compiling household distributional information in Armenia

Author: Tigran Baghdasaryan

Measuring household distributional results in line with national accounts

Author: Henning Ahnert

Building Forward: Experimental Work on Distributional Accounts in Italy

Author: Andrea Neri

How to capture pensions in distributional analyses?

Author: Mr Jorrit Zwijnenburg

Participants:

Presenter/Speaker: Mr Jorrit Zwijnenburg

Chair: Henning Ahnert

Presenter/Speaker: Andrea Neri

Presenter/Speaker: Tigran Baghdasaryan

Presenter/Speaker: Tigran Baghdasaryan

Organiser: David Johnson

Presenter/Speaker: Laurent Van Belle

Presenter/Speaker: Nicola Vallo

14:00–15:40

IPS 689 - Asymptotic Statistics for Stochastic Ordinary and Partial
Differential Equations

IPS
Room - North
America

Estimation for a discretely observed SPDE in two space dimensions based on temporal and spatial increments

Author: [Prof. Masayuki Uchida](#)

Locally differentially private drift parameter estimation for iid paths of diffusion processes

Author: [Arnaud Gloter](#)

Multidimensional Stein-Malliavin calculus and asymptotic independence

Author: [Ciprian Tudor](#)

New developments in the quasi-likelihood analysis for stochastic processes

Author: [Nakahiro Yoshida](#)

Participants:

Organiser: [Prof. Masayuki Uchida](#)

Presenter/Speaker: [Nakahiro Yoshida](#)

Presenter/Speaker: [Arnaud Gloter](#)

Presenter/Speaker: [Ciprian Tudor](#)

Chair: [Yuta Koike](#)

14:00–15:40

IPS 691 - Modern Approaches for Causal Analysis Amidst Complex
Data Challenges

IPS
Room - Central
America

A Bayesian Framework for Causal Analysis of Recurrent Events with Timing Misalignment

Author: [Arman Oganisian](#)

A Bayesian nonparametric approach for causal inference in EHR data in the presence of nonignorable missingness

Author: [Michael Daniels](#)

A flexible Bayesian approach for causal inference with time-varying confounding and survival outcomes

Author: [Liangyuan Hu](#)

Joint mixed membership modeling of multivariate longitudinal and survival data for learning the individualized disease progression

Author: [Xinyuan Song](#)

Participants:

Presenter/Speaker: [Xinyuan Song](#)

Organiser: [Liangyuan Hu](#)

Presenter/Speaker: [Arman Oganisian](#)

Presenter/Speaker: [Michael Daniels](#)

Chair: [Qixuan Chen](#)

14:00–15:40

IPS 748 - Embracing Open Source: The Future of Statistics

IPS
Room - South
America

Free and Open Source Software at Statistics Netherlands

Author: [Mark Petrus Jacobus van der Loo](#)

Build your own open-source text analysis tools: Istat's experience

Author: [Francesco Ortame](#)

Can we build a truly agnostic, cloud-native data platform?

Author: [INSEE Frédéric Comte](#)

Collaboration and Quality in Open Source: Navigating the Future of Statistics

Author: [Trygve Falch](#)

Participants:

Presenter/Speaker: [Mark Petrus Jacobus van der Loo](#)

Presenter/Speaker: [Mr Mátyás Mészáros](#)

Chair: [Romain Lesur](#)

Presenter/Speaker: [Trygve Falch](#)

Presenter/Speaker: [INSEE Frédéric Comte](#)

Presenter/Speaker: [Francesco Ortame](#)

14:00–15:40

IPS 766 - Modelling and Monitoring Water Resilience and Ecosystem Services

IPS
Room - Africa

A systems-based approach to address pollution sources and impacts

Author: [Miriam Glendell](#)

Hydrological research innovation for the climate emergency

Author: [Lindsay Beevers](#)

Statistical Challenges in COVID-19 Wastewater Monitoring

Author: [Claus-Dieter Mayer](#)

Integrated modelling of heterogenous data to understand pollution impacts on fresh waters

Author: [Steve Thackeray](#)

Participants:

Organiser: [Ethel Marian Scott](#)

Chair: [Ethel Marian Scott](#)

Presenter/Speaker: [Lindsay Beevers](#)

Presenter/Speaker: [Miriam Glendell](#)

Presenter/Speaker: [Steve Thackeray](#)

Presenter/Speaker: [Claus-Dieter Mayer](#)

Presenter/Speaker: [Steve Thackeray](#)

14:00–15:40

IPS 774 - The Third Round of Peer Reviews in the European Statistical System – Final Results and Their Impact on the Development of Statistical Systems

IPS
Room - Antarctica

ESS peer reviews - final results and their follow-up

Author: [Avis Beneš](#)

Peer reviews – how they impact the future of the European statistical system

Author: [Thomas Burg](#)

Peer reviews – their impact on the statistical system of Finland

Author: [Outi Ahti-Miettinen](#)

Taking up recommendations for future developments

Author: [Eszter Nagy](#)

Participants:

Chair: [Jean-Pierre Poncelet](#)

Presenter/Speaker: [Thomas Burg](#)

Presenter/Speaker: [Outi Ahti-Miettinen](#)

Organiser: [Véronique van der Zande](#)

Presenter/Speaker: [Eszter Nagy](#)

Presenter/Speaker: [Thomas Burg](#)

Presenter/Speaker: [Avis Beneš](#)

Presenter/Speaker: [Eszter Nagy](#)

14:00–15:40

IPS 780 - A Long and Winding Track? Non-official Statistics as a Source of Insight

IPS
Room - Mississippi

Encouraging non-government bodies to adopt the Code of Practice for Statistics

Author: [Penny Babb](#)

Encouraging non-government bodies to adopt the Code of Practice for Statistics - Case Study

Author: [Andrew Hyman](#)

Participants:

Presenter/Speaker: [Dr Steve MacFeely](#)

Organiser: [Ed Humpherson](#)

Presenter/Speaker: [Penny Babb](#)

Presenter/Speaker: [Andrew Hyman](#)

14:00–15:40

IPS 784 - Statistical Advances Across Diverse Complex Data Landscapes

IPS
Room - Asia

Optimal Transport for Covariance Operators

Author: Yoav Zemel

Pivotal bootstrap hypothesis tests for the eigenvalues of geophysical matrices

Author: Kassel Kassel Hingee

Amplitude and Phase Variation of Multivariate Geodesic-Space-Valued Random Processes

Author: Yaqing Chen

Characterization of laws of random objects

Author: Yaqing Chen

Participants:

Presenter/Speaker: Yoav Zemel

Organiser: Yaqing Chen

Presenter/Speaker: Paromita Dubey

Presenter/Speaker: Kassel Hingee

Presenter/Speaker: Kassel Kassel Hingee

14:00–15:40

IPS 787 - Transparency and Scientific Integrity in Official Statistics

IPS
Room - Europe 1

Alignment of Transparent Reporting with Priorities for Enhancement of Scientific Integrity

Author: John Lamont Eltinge

StatGPT: Talking to Official Statistics

Author: Jim Tebrake

Participants:

Discussant: Frauke Kreuter

Presenter/Speaker: John Lamont Eltinge

Chair: Ingegerd Jansson

Presenter/Speaker: Jim Tebrake

14:00–15:40

IPS 830 - Recent Advances in Large-Scale Network Data Analysis and Their Applications

IPS
Room - Europe 2

Analysis of Word Co-occurrence Networks from Paper Abstracts in Semantic Scholar Database

Author: [Frederick Kin Hing Phoa](#)

Exploring the relationship between the geometry of a fixed embedding of image data and its underlying cluster structure

Author: [Chen-Hsiang Yeang](#)

Revisiting uniqueness measurement in ecological networks

Author: [Weichung Liu](#)

Analysis of AI-related research fields in different countries based on non-negative matrix factorization of article author information

Author: [Yuji Mizukami](#)

Participants:

Presenter/Speaker: [Frederick Kin Hing Phoa](#)

Organiser: [Frederick Kin Hing Phoa](#)

Chair: [Junji Nakano](#)

Presenter/Speaker: [Tso-Jung Yen](#)

Presenter/Speaker: [Weichung Liu](#)

Presenter/Speaker: [Chen-Hsiang Yeang](#)

Presenter/Speaker: [Yuji Mizukami](#)

Presenter/Speaker: [Chen-Hsiang Yeang](#)

14:00–15:40

IPS 921 - Measures of Evidence in a Bayesian Context, Applications and New Developments

IPS
Room - Yangtze 2

Invariant evidence measures with nuisance parameters

Author: [Elena Bortolato](#)

The Bayesian Discrepancy Measure as a tool for inference: definition and applications for regular and non-regular models

Author: [Silvia Columbu](#)

The e-value and the Full Bayesian Significance Test: From Logical Properties to Statistical Consequences

Author: [Julio Stern](#)

Participants:

Organiser: [Monica Musio](#)

Presenter/Speaker: [Julio Stern](#)

Presenter/Speaker: [Silvia Columbu](#)

Presenter/Speaker: [Elena Bortolato](#)

Changing Census Numbers for Aboriginal and Torres Strait Islander People in Australia: Implications for Health Policy and Service Delivery

Author: [Dr Kalinda Elizabeth Griffiths](#)

Inclusion of Indigenous American Indians and Alaska Natives in the Official Statistics of the United States

Author: [Michele Connolly](#)

Indigenous Peoples in National Censuses in Brazil

Author: [Ricardo Ventura Santos](#)

Participants:

Chair: [Mr Francis Notzon](#)

Presenter/Speaker: [Dr Kalinda Elizabeth Griffiths](#)

Organiser: [Michele Connolly](#)

Discussant: [Lisa Jackson Pulver](#)

Discussant: [John Waldon](#)

Presenter/Speaker: [Ricardo Ventura Santos](#)

Presenter/Speaker: [Ricardo Ventura Santos](#)

A score function to prioritize editing in household survey data: a machine learning approach

Author: [Sandra Garcia-Uribe](#)

Agreement for data exchange between the Bank of Portugal and the Bank of Spain's data laboratories

Author: [Ana Maria Esteban Martinez](#)

BPLIM approach to accessing highly sensitive micro databases

Author: [Rita Sousa](#)

Integrated Tool for AI-assisted Exploratory Data Analysis and Quality Control of Heterogeneous Statistical Data

Author: [Eugenia Koblents](#)

Using ECB's new data on household assets looking-through investment funds

Author: [Maciej Anacki](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Stefan Bender](#)

Presenter/Speaker: [Eugenia Koblents](#)

Presenter/Speaker: [Maciej Anacki](#)

Presenter/Speaker: [Sandra Garcia-Uribe](#)

Presenter/Speaker: [Ana Maria Esteban Martinez](#)

Presenter/Speaker: [Rita Sousa](#)

15:40–16:00 **Comfort Break**

Comfort Break
Princess Ariane

16:00–17:00 **CPS 11 - Dimension Reduction and Clustering Techniques for High-Dimensional Data**

CPS
Room - Africa

Sculpting Neural Networks: A Deep Dive into Dimension Reduction Strategies

Author: [Elizabeth Chou](#)

Percentile-based dimensionality reduction and clustering for ordinal data matrices

Author: [Antonio D'Ambrosio](#)

Enhancing Feature Selection Strategies for Imbalanced and High-dimensional Data

Author: [Surani Matharaarachchi](#)

Participants:

Presenter/Speaker: [Antonio D'Ambrosio](#)

Presenter/Speaker: [Surani Matharaarachchi](#)

Presenter/Speaker: [Elizabeth Chou](#)

Chair: [Joni Virta](#)

16:00–17:00 **CPS 14 - Ordinal Data and Tree-Based Methods**

CPS
Room - Yangtze 2

Categorical Data Encoding: from H.O. Hirschfeld to Machine Learning

Author: [Gilbert Saporta](#)

Theory of Posterior Concentration for Generalized Bayesian Additive Regression Trees

Author: [Enakshi Saha](#)

A novel approach for oblique decision trees for regression

Author: [Andrea Carta](#)

Mixture-Based Approximately Unimodal Likelihood Model for Ordinal Data

Author: [Ryoya Yamasaki](#)

The logit-logistic distribution

Author: [Curtis Miller](#)

Participants:

Presenter/Speaker: [Gilbert Saporta](#)

Presenter/Speaker: [Curtis Miller](#)

Chair: [Indranil Ghosh](#)

Presenter/Speaker: [Andrea Carta](#)

Presenter/Speaker: [Ryoya Yamasaki](#)

Presenter/Speaker: [Enakshi Saha](#)

Quantum foundation and statistics

Author: Inge S. Helland

Power Calculations in Meta-Analysis

Author: Tianyuan Guan

Reliability of clustering methods-based uncertainty

Author: Mika Sato-Ilic

Parameters Estimation for State Space Models Using Kalman Filter Properties

Author: Marco Costa

Participants:

Presenter/Speaker: Inge S. Helland

Presenter/Speaker: Mika Sato-Ilic

Chair: Matthias Schulte

Presenter/Speaker: Marco Costa

Presenter/Speaker: Tianyuan Guan

Generalized mean as a robust estimator of population location

Author: Soumalya Mukhopadhyay

Estimation of Population Mean using a modified ranked set sampling technique

Author: Muhammad Ahmed Shehzad

An efficient class of dual to ratio-cum-product type estimators for population mean

Author: Rohini Yadav

Some Asymptotic Results in Length Biased Sampling from a Finite Population

Author: Hitoshi MOTOYAMA

Participants:

Chair: Anuradha Roy

Presenter/Speaker: Soumalya Mukhopadhyay

Presenter/Speaker: Muhammad Ahmed Shehzad

Presenter/Speaker: Hitoshi MOTOYAMA

Presenter/Speaker: Rohini Yadav

A cautionary tale about the calibration of nonresponse bias

Author: Florian Meinfelder

Filling in the Blanks: Augmenting Survey Data Imputation with External Data and Rubin's SIR Algorithm

Author: Sabine Zinn

Estimation of Non-sampling Error in Brazilian Household Sample Survey Using Reinterviews

Author: Maria Luiza Guerra de Toledo

Participants:

Presenter/Speaker: Maria Luiza Guerra de Toledo

Presenter/Speaker: Sabine Zinn

Chair: Florian Meinfelder

Maternal Mortality: Analyzing Household Characteristics and Regional Factors

Author: Ikhsan Fahmi

Causal Machine Learning Models for Predicting Low Birth Weight in Midwife-Led Continuity Care Intervention in North Shoa Zone, Ethiopia

Author: Wudneh Moges

Survival Analysis of Risk Factors for Mortality of Patients with Cardiovascular Diseases at Tikur Anbessa Hospital, Ethiopia: A Retrospective Study

Author: Ashefet Agete

Relationship between physical activity level and pain intensity in patients with low back pain: a cross-sectional study

Author: Axel Keza

Modelling Human Mortality Data: A Comparative Analysis of Non-Linear Growth Models Under Error Assumptions

Author: Dr Uchenna (Petronilla) Ogoke

Participants:

Presenter/Speaker: Dr Uchenna (Petronilla) Ogoke

Chair: Ray-Bing Chen

Presenter/Speaker: Wudneh Moges

Presenter/Speaker: Ashefet Agete

Presenter/Speaker: Axel Keza

Presenter/Speaker: Ikhsan Fahmi

Community Case Management Strategy to improve HIV treatment outcomes outside OVC sites: Lessons learnt from the 'Sungani Bana' strategy in Zambia

Author: [Carlos Muleya](#)

Comparing drug regimens for clearance of malaria parasites in asymptomatic adults using PCR in Kilifi County, Kenya

Author: [Emma Nelima Khaemba](#)

Bayesian Spatio-temporal modelling to support early warning systems on the impact of climate change on the burden of malaria

Author: [Prof. Ngianga-Bakwin Kandala](#)

Participants:

Presenter/Speaker: [Prof. Ngianga-Bakwin Kandala](#)

Presenter/Speaker: [Emma Nelima Khaemba](#)

Chair: [Fernanda Lang Schumacher](#)

Presenter/Speaker: [Carlos Muleya](#)

Descriptive Analysis of the Development of Energy Shares in Indonesia Following the Establishment of the Downstream Policy

Author: [Avi Nugrahaeni](#)

Climate Change: Current Status and Prospects of Solar Energy in GCC Countries

Author: [Ms Ibtihaj Alsiyabi](#)

Lies, Damn Lies, and the Reported Solar Energy Generation Forecast Errors: Evidence from Belgium

Author: [Kevin Forbes](#)

Factors that influence Indonesia's aircraft fuel prices

Author: [Atika Kautsar Ilafi](#)

Participants:

Presenter/Speaker: [Ms Ibtihaj Alsiyabi](#)

Chair: [Massimiliano Caporin](#)

Presenter/Speaker: [Kevin Forbes](#)

Presenter/Speaker: [Atika Kautsar Ilafi](#)

Presenter/Speaker: [Avi Nugrahaeni](#)

Enhancing Agricultural Statistics in Vietnam Using INAHOR software: Innovative Geospatial Applications for Rice Area Mapping

Author: HUY DUC DUC DINH HUY

Estimating 2.3 SDG Indicators using Multiple Frame Agricultural Survey Data

Author: Cristiano Ferraz

50 years of rice breeding in Bangladesh: genetic yield trends

Author: Waqas Ahmed Malik

Investigating Anomaly on Satellite Image Time Series

Author: Achmad Firmansyah

Participants:

Chair: Dr Esra Kurum

Presenter/Speaker: Waqas Ahmed Malik

Presenter/Speaker: Cristiano Ferraz

Presenter/Speaker: Achmad Firmansyah

Presenter/Speaker: HUY DUC DUC DINH HUY

IMPACT OF WAR ON THE FINANCIAL SYSTEM OF UKRAINE

Author: Ruslan Motoryn

Structural Changes and Economic Landscape of the Philippine Economy from 2006 to 2018: An Input-Output Prospective

Author: Lilia Elloso

Firm growth, entry and exit, and enhancement in TFP : Empirical evidence from listed manufacturing firms in China

Author: yu jin

Participants:

Chair: Ruslan Motoryn

Presenter/Speaker: yu jin

Presenter/Speaker: Lilia Elloso

Forecasting of Türkiye's Health Tourism Demand

Author: [Gülsüm Gülsüm Merve Gökçin](#)

Connectivity and Accessibility Evaluation of Tourism Economic Activity Center: Big Data Approach

Author: [Arie Wahyu Wijayanto](#)

Analysis of accidentology in Benin

Author: [Nestor Bokossa](#)

Participants:

Chair: [Dr Alexander Kowarik](#)

Presenter/Speaker: [Arie Wahyu Wijayanto](#)

Presenter/Speaker: [Nestor Bokossa](#)

Presenter/Speaker: [Gülsüm Gülsüm Merve Gökçin](#)

Untapped Potential: Examining the Contributions of Individuals with Disabilities in the Workforce

Author: [Ahmad Risal](#)

Revisiting the Official Statistics of Informal Employment Published in Indonesia: Redefine and Its Determining Factors to Enhance Policy-making

Author: [Weni Lidya Sukma](#)

Examining the Influence of Socioeconomic and Demographic Transformation on Employment in the Informal Sector in South Africa

Author: [Prof. Sathiya Susuman Appunni](#)

Non-Resident Seasonal Workers and Cross-Border Commuters: Recommendations for International Collaboration

Author: [Rowena Blokker](#)

Participants:

Presenter/Speaker: [Prof. Sathiya Susuman Appunni](#)

Chair: [Dr Lara Cleveland](#)

Presenter/Speaker: [Ahmad Risal](#)

Presenter/Speaker: [Weni Lidya Sukma](#)

Presenter/Speaker: [Rowena Blokker](#)

16:00–17:00

CPS 65 - Enhancing Data Access and Privacy Protection in Official Statistics

CPS
Room - South
America

Enabling External Data Access While Protecting Privacy: The Brazilian NSO Experience with Privacy-Enhancing Technologies

Author: [Patricia Zamprogno Tavares](#)

Modernization and further development of the Research Data Center of the Federal Statistical Office

Author: [Hanna Brenzel](#)

Korean Spatial Statistics Service Activation Strategy: Focusing on SGIS Case

Author: [Junhwi Lee](#)

The use of pseudonym Information in Statistical Data Center

Author: [Younghee Kim](#)

Statistical Disclosure Control Strategy for microdata from the Brazilian ICT Enterprises Survey

Author: [CAMILA LIMA](#)

Participants:

Presenter/Speaker: [Hanna Brenzel](#)

Chair: [Timo Koskimäki](#)

Presenter/Speaker: [Patricia Zamprogno Tavares](#)

Presenter/Speaker: [Junhwi Lee](#)

Presenter/Speaker: [Younghee Kim](#)

Presenter/Speaker: [CAMILA LIMA](#)

16:00–17:00

CPS 74 - Statistical Modelling of Price Indices and Food Baskets

CPS
Room - Kilimanjaro
1

Brazilian Food Basket Calculated by Alternative Sources

Author: [Marcus André Alves Zimmermann Vieira](#)

Abu Dhabi's Economic Complexity Index

Author: [fakra alqubaisi](#)

Nowcasting National and County-Level Consumer Confidence Indicators Using Social Media and Google Trends Data

Author: [Akvil Vitkauskait](#)

Participants:

Chair: [Maciej Anacki](#)

Presenter/Speaker: [Marcus André Alves Zimmermann Vieira](#)

Presenter/Speaker: [Akvil Vitkauskait](#)

Presenter/Speaker: [fakra alqubaisi](#)

16:00–17:00

CPS 75 - Machine Learning, AI and the Sustainable Development Goals

CPS
Room - North
America

Automatic Classification of Indonesian Scientific Paper to the Sustainable Development Goals using Transfer Learning

Author: Lya Hulliyyatus Suadaa

Participants:

Chair: Adrian Röllin

Presenter/Speaker: Lya Hulliyyatus Suadaa

16:00–17:00

CPS 79 - Innovative Methods in Statistics Education

CPS
Room - Kilimanjaro
2

Bridging the Gap Between Theory and Practice: Integrating Probability-Related tasks in Probability Education for Computer Science Students

Author: Sigal Levy

The effect of simulation Based learning in statistical education

Author: Dr Yelena Stukalin

Gamifying 'Introduction to Statistics': Playing for Keeps

Author: Sarah Guthery

Participants:

Presenter/Speaker: Dr Yelena Stukalin

Chair: Craig Alexander

Presenter/Speaker: Sigal Levy

Presenter/Speaker: Sarah Guthery

Stat like Homer. Statistical reasoning in epic poetry fights the fear of terrifying statistical dragons

Author: [Rina Camporese](#)

Developing foundational quantitative data skills for a data literate population

Author: [Sarah King-Hele](#)

Fight against fake news with statistics

Author: [Vivien Kardos](#)

The European Master in Official Statistics: Global outcomes, local solutions with central support

Author: [Dario Buono](#)

Participants:

Chair: [Conchita Kleijweg](#)

Presenter/Speaker: [Rina Camporese](#)

Presenter/Speaker: [Vivien Kardos](#)

Presenter/Speaker: [Dario Buono](#)

Presenter/Speaker: [Sarah King-Hele](#)

Testing for sufficient follow-up in survival data with covariates

Author: [Tsz Pang Yuen](#)

Survival Analysis and Frailty Models: Applications with R

Author: [Claudia Adriana Castro Kuriss](#)

A discrete-time mover and stayer model with time-varying covariates

Author: [Martina Vittoriotti](#)

An overview and empirical appraisal of recent methodological developments for the dynamic prediction of survival outcomes

Author: [Mirko Signorelli](#)

Participants:

Chair: [Tsai-Hung Fan](#)

Presenter/Speaker: [Claudia Adriana Castro Kuriss](#)

Presenter/Speaker: [Mirko Signorelli](#)

Presenter/Speaker: [Martina Vittoriotti](#)

Presenter/Speaker: [Tsz Pang Yuen](#)

PB17-Understanding Determinants of Youth Underemployment In Morocco: An Analysis of Contextual And Individual Factors

Author: [Mrs Khamissa Elkachach](#)

PB18-Copula based Functional Quantile Regression to Estimate Particulate Matter at Metropolitan Area of the Valley of Mexico

Author: [Luis Diaz Calvo](#)

PB19-Data Storytelling Challenge: Fostering Creative Talent For Effective Data Communication Within The Official Statistics Domain

Author: [Ms Yuniarti Yuniarti](#)

PB20-Correlates of HIV Knowledge and Risk Perception among early Adolescents aged 10-14 years in Nigeria

Author: [NIFARTA PEINGURTA ANDREW](#)

Participants:

Presenter/Speaker: [Ms Yuniarti Yuniarti](#)

Presenter/Speaker: [Mrs Khamissa Elkachach](#)

Presenter/Speaker: [NIFARTA PEINGURTA ANDREW](#)

Presenter/Speaker: [Luis Diaz Calvo](#)

PB25-Predictors of perineural invasion in pancreatic ductal adenocarcinoma: A retrospective cohort study

Author: [Bing Wang](#)

PB26-Predictors of teenage Pregnancy in Busoga Region, Uganda: An analysis of the 2016 Uganda Demographic and Health Survey

Author: [Lodrick Wabwire Odo](#)

PB27-Eliciting some generalisations of Dirichlet Distribution for Multinomial Sampling models

Author: [Nayana Unnipillai](#)

PB28-Modeling a proportion variable in a complex survey through the Beta distribution: The case taken from the CASEN survey

Author: [Freddy López Quintero](#)

Participants:

Presenter/Speaker: [Nayana Unnipillai](#)

Presenter/Speaker: [Lodrick Wabwire Odo](#)

Presenter/Speaker: [Freddy López Quintero](#)

Presenter/Speaker: [Bing Wang](#)

PB41-High-dimensional single-index models: link estimation and marginal inference

Author: [Kazuma Sawaya](#)

PB42-Wavelet-based estimation in aggregated functional data

Author: [Alex Rodrigo dos Santos Sousa](#)

PB43-Double Normalization Algorithm for Ranking Individuals

Author: [Ana Marreiros](#)

PB44-Examining the Performance of Agriculture in the Economy of the Philippines: Evidence from Regional Panel Data

Author: [Joynabel Paraguison](#)

Participants:

Presenter/Speaker: [Alex Rodrigo dos Santos Sousa](#)

Presenter/Speaker: [Joynabel Paraguison](#)

Presenter/Speaker: [Kazuma Sawaya](#)

Presenter/Speaker: [Ana Marreiros](#)

PB49-Inclusive National Accounts Indicators: Best Practices in Estimating the Informal Economy in Egypt

Author: [Dr Mahmoud Elsarawy](#)

PB50-Consumer Price Index (CPI) and Producer Price Index (PPI)-Manufacturing Relationship in Philippines

Author: [Manuel Angelo Casalan](#)

PB51-Egypt Fertility Levels and Associate Determinates: Survival Analysis Approach

Author: [Haidy Mostafa](#)

PB52-Let Me Be Your Coordinator

Author: [Albert Ivancik](#)

Participants:

Presenter/Speaker: [Dr Mahmoud Elsarawy](#)

Presenter/Speaker: [Haidy Mostafa](#)

Presenter/Speaker: [Albert Ivancik](#)

Presenter/Speaker: [Manuel Angelo Casalan](#)

16:00–17:00 **CPS Posters 17**

Poster
Lobby - Queen
Maxima

PB57-The Role Of Using The New Technologies In Improving The Quality Of Official Statistical Data (Egypt case Study)

Author: [Abdulla Fathi](#)

PB58-Transforming Statistical Workflows to Refine Weekly Price Index Reporting

Author: [Ignatius Sandyawan](#)

PB60-Power and Sample Size Calculation for Multivariate Nested Design

Author: [Mara Sherlin Talento](#)

Participants:

Presenter/Speaker: [Mara Sherlin Talento](#)

Presenter/Speaker: [Abdulla Fathi](#)

Presenter/Speaker: [Ignatius Sandyawan](#)

16:00–17:00 **CPS Posters 18**

Poster
Lobby - Queen
Maxima

PB79-Deep Learning Model for ITRS Data Quality Enhancement

Author: [Arthit Thetkham](#)

PB80-Modeling the Dynamics of Total Fertility Rate in Uganda: Insights from the Generalized Bass Model with Adopter Imitation Effects

Author: [Christabellah Namugenyi](#)

PB81-Effectively presenting inflation-related information on the website of the European Central Bank to the wider public

Author: [Johanna Spitz](#)

PB82-Geo-additive Semiparametric Regression for Modeling Property Price In Surabaya, Indonesia Using Marketplace Data

Author: [Wahyu Wibowo](#)

Participants:

Presenter/Speaker: [Wahyu Wibowo](#)

Presenter/Speaker: [Arthit Thetkham](#)

Presenter/Speaker: [Christabellah Namugenyi](#)

Presenter/Speaker: [Johanna Spitz](#)

17:10–18:40 **ISI General Assembly**

Administrative
Meetings
Auditorium - King
Willem Alexander

Short Description

Open for ISI Members

18:30–20:00 **ISI Young Statisticians' Event**

Social Activities
Level -1 - Atlantic

Short Description

Interactive evening for early-career statisticians with speakers, networking, and canapés.

Thursday, 9 October 2025

08:00–09:10 **IPS 1001 - Efficient Estimation Techniques of Model Parameters Under Bayesian and Non Bayesian Framework**

IPS
Room - Asia

Participants:

Organiser: Gajendra Kumar Vishwakarma

08:00–09:10 **IPS 880 - Addressing Statistical Illiteracy and Capacity Gaps for Sustainable Development in Africa**

IPS
Room - South
America

Addressing Statistical Illiteracy and Capacity Gaps for Sustainable Development in Africa

Author: Esau Atwongyeire

Addressing statistical skills gap with innovations for effective knowledge transfer from ageing workforce in statistical systems aiming at agenda 2063

Author: Francis Lavoe

Relevancy of public-private partnerships in building robust statistical systems for monitoring UN SDGs in SSA: A Case of Kenya and Uganda

Author: John A. Mushomi, Ph.D.

Participants:

Presenter/Speaker: Francis Lavoe

Organiser: Esau Atwongyeire

Presenter/Speaker: John A. Mushomi, Ph.D.

Chair: Richard Fatorma Ngafuan

08:00–09:10 **IPS 951 - Micro Data From Statistical Agencies for Evidence-Based Decision Making**

IPS
Room - Oceania

Strengthening Micro data access from statistical agencies for evidence-based decision making in Danish Authorities

Author: Mikael Skovbo

Access to microdata for research purpose – an ESCB project

Author: Dominique Durant

Collaboration with statistical office for timely and comprehensive data access

Author: Otto Toivanen

Participants:

Chair: Ville Vertanen

Presenter/Speaker: Dominique Durant

Organiser: Marianne Johnson

Presenter/Speaker: Otto Toivanen

Presenter/Speaker: Mikael Skovbo

Converting providers into users: myth or fact?

Author: [Lígia Maria Nunes](#)

Enhancing the relationship between data users and reporters: the case of Brazilian external sector surveys

Author: [Thiago Vieira](#)

Recent development of Japan's price statistics

Author: [Yuka Kihou](#)

The importance of transparency for users and producers of long series: insights from the new BIS central bank total assets data set

Author: [Olivier Sirello](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Luís Teles Dias](#)

Presenter/Speaker: [Lígia Maria Nunes](#)

Presenter/Speaker: [Olivier Sirello](#)

Presenter/Speaker: [Yuka Kihou](#)

Presenter/Speaker: [Thiago Vieira](#)

Participants:

Presenter/Speaker: [Edward Humpherson](#)

Mainstreaming non-Government actors into official statistics strategies - benefits and opportunities

Author: [Matthew Shearing](#)

Participants:

Presenter/Speaker: [Oliver J. M Chinganya](#)

Presenter/Speaker: [Matthew Shearing](#)

Discussant: [Olga Wierkot-Struewska](#)

Presenter/Speaker: [Dr Misha Belkindas](#)

Chair: [Dr Pedro Luis do Nascimento Silva](#)

09:20–10:30 SIPS 1094 - Bernoulli Society Journal Session

SIPS
Room - Central
America

Phase Transitions of the Maximum Likelihood Estimates in the p-Spin Curie-Weiss Model

Author: Bhaswar Bhattacharya

Participants:

Chair: Davy Paindaveine

Presenter/Speaker: Bhaswar Bhattacharya

Presenter/Speaker: Bhaswar Bhattacharya

09:20–10:30 SIPS 1101 - International Association of Survey Statisticians (IASS)
President's Invited Speaker

SIPS
Room - Oceania

Some thoughts on the development of survey statistics over the years

Author: Yves Tillé

Participants:

Chair: Prof. Natalie Shlomo

Discussant: Changbao Wu

Discussant: Dr Pedro Luis do Nascimento Silva

Presenter/Speaker: Yves Tillé

09:20–10:30 SIPS 1119 - IASE President's Invited Speaker - Emerging Topics in
Statistics Education

SIPS
Room - Onyx

Participants:

Panellist: Prof. Iddo Gal

Panellist: Denise Britz do Nascimento Silva

Chair: Prof. Ayse Aysin Bilgin

Panellist: Alison Gibbs

Panellist: Bruno de Sousa

09:20–10:30 SIPS 1153 - ISI Mahalanobis Award Lecture

SIPS
Auditorium - King
Willem Alexander

Participants:

Panellist: Prof. Kerrie Mengersen

Presenter/Speaker: Víctor M. Guerrero-Guzman

Organiser: Arup Bose

10:30–10:50 **Comfort Break**

Comfort Break
Princess Ariane

10:50–12:30

IPS 1020 - Perceived public value : rethinking the role of official statistics from the users' perspective

IPS
Room - Kilimanjaro
1

Statistics with Purpose: Embedding User Needs at the Heart of Statistical Practice

Author: Mrs ANGELA POTTER

The power of assessing value: A regulators perspective

Author: Penny Babb

Understanding the subjective value of official statistics and data products in Poland

Author: Olga Swierkot-Struzewska

Statistics as a matter of consensus: "If You Build It, They Will Come"

Author: Hernan Daniel Munoz

Participants:

Presenter/Speaker: Olga Swierkot-Struzewska

Presenter/Speaker: Mrs ANGELA POTTER

Presenter/Speaker: Olga Swierkot-Struzewska

Presenter/Speaker: Hernan Daniel Munoz

Presenter/Speaker: Penny Babb

10:50–12:30

IPS 1031 - Advances in Optimal Design Techniques

IPS
Room - Kilimanjaro
2

A design optimality criterion based on the AUC for classification

Author: Jesús Lopez-Fidalgo

A proposal for a joint multiresponse Kriging modelling and optimization with an application to freight trains

Author: Nedka Dechkova Nikiforova

Optimal Exact Designs for Small Studies in Toxicology with Applications to Hormesis via a Metaheuristic Algorithm

Author: Ray-Bing Chen

Optimal designs for models under the Modified Flexible Closed Skew Normal Distribution

Author: Graciela Gonzalez-Farias

Participants:

Presenter/Speaker: Graciela Gonzalez-Farias

Organiser: Jesús Lopez-Fidalgo

Presenter/Speaker: Ray-Bing Chen

Presenter/Speaker: Nedka Dechkova Nikiforova

Chair: Jialiang Li

10:50–12:30

IPS 695 - Statistics Concourse of Machine Learning and Artificial Intelligence

IPS
Room - North
America

Climate change indicators: a common approach using innovative methods and alternative data sources in Latin America and the Caribbean

Author: [Andrea Diniz da Silva](#)

Integrating machine learning and statistical methods for corruption risk assessment: a case study in public procurement

Author: [Simone Del Sarto](#)

Some theoretical aspects of Particle Filters and Ensemble Kalman Filters

Author: [Pierre Del Moral](#)

Statistical & Machine Learning Approaches to Interpretation of the Tissue Microenvironment Using Spatial Immuno-profiling & Spatial Transcriptomics

Author: [Arvind Rao](#)

VT-MRF-SPF: Variable Target Markov Random Field Scalable Particle Filter

Author: [Ning Ning](#)

Participants:

Presenter/Speaker: [Andrea Diniz da Silva](#)

Presenter/Speaker: [Dr Ning Ning](#)

Organiser: [Prof. Zhiwu Zhang](#)

Presenter/Speaker: [Ning Ning](#)

Panellist: [Jun Liu](#)

Presenter/Speaker: [Prof. Maria Giovanna Ranalli](#)

Presenter/Speaker: [Arvind Rao](#)

Presenter/Speaker: [Pierre Del Moral](#)

Presenter/Speaker: [Simone Del Sarto](#)

10:50–12:30

IPS 705 - Random Matrix Theory: Recent Advances in Theory and Application

IPS
Room - Central
America

Smallest singular value of large random rectangular Toeplitz and circulant matrices

Author: [Alexey Onatskiy](#)

Spectrum of Scale Free percolation.

Author: [Rajat S. Hazra](#)

Participants:

Organiser: [Dr Madhuchhanda Bhattacharjee](#)

Presenter/Speaker: [Johannes Heiny](#)

Chair: [Arup Bose](#)

Presenter/Speaker: [Alexey Onatskiy](#)

Presenter/Speaker: [Rajat S. Hazra](#)

10:50–12:30

IPS 757 - New Developments and Insights in Joint Modeling of Longitudinal and Survival Outcomes

IPS
Room - South
America

Joint models for multi-outcome data and covariance structures via a Bayesian approach

Author: [Christiana Charalambous](#)

Addressing the selection uncertainty in association structure in the joint modelling framework

Author: [Maria Sudell](#)

Investigating the impact on predictive performance in joint models when misspecifying the relation between outcomes

Author: [Eleni Rosalina Andrinopoulou](#)

Spatiotemporal Multilevel Joint Modeling of Longitudinal and Survival Outcomes in End-Stage Kidney Disease

Author: [Dr Esra Kurum](#)

Participants:

Organiser: [Dr Esra Kurum](#)

Presenter/Speaker: [Christiana Charalambous](#)

Presenter/Speaker: [Maria Sudell](#)

Presenter/Speaker: [Eleni Rosalina Andrinopoulou](#)

10:50–12:30

IPS 768 - Symbolic Data Analysis for Data Science

IPS
Room - Africa

Fuzzy Clustering of Interval Time Series

Author: [Elizabeth Ann Maharaj](#)

Spatio-temporal clustering of interval greenhouse gas emissions data

Author: [Raffaele Mattera](#)

Testing of Mean Interval for Multivariate Interval-valued Data

Author: [Anuradha Roy](#)

The Minimum Covariance Determinant estimator for interval-valued data

Author: [Maria do Rosario Oliveira](#)

Transfer learning approach to sentiment analysis using S-discordance measure

Author: [Jasminka Dobsa](#)

Transfer learning approach to sentiment analysis using s-discordance measure

Author: [Jasminka Dobsa](#)

Participants:

Presenter/Speaker: [Elizabeth Ann Maharaj](#)

Presenter/Speaker: [Anuradha Roy](#)

Organiser: [Rosanna Verde](#)

Presenter/Speaker: [Maria do Rosario Oliveira](#)

Presenter/Speaker: [Jasminka Dobsa](#)

Presenter/Speaker: [Jasminka Dobša](#)

Presenter/Speaker: [Raffaele Mattera](#)

Early estimates for short-term business statistics with ML models for statistical units prediction

Author: [Sandra Barragán](#)

Extraction of CO2 emissions from corporate sustainability reports

Author: [Malte Schierholz](#)

Identifying Online Platforms: Model development, validation and type-I error reduction

Author: [Marco Puts](#)

Machine learning for anomaly detection in business administrative data for statistical purposes in Australia

Author: [Aymon Wuolanne](#)

Quality Assurance of the Re-coding to NACE Rev. 2.1, Combining Model and Manual Coding

Author: [Petter Ehn Wingårdh](#)

Participants:

Chair: [Barteld Braaksma](#)

Discussant: [Vincent Charles Galvin](#)

Organiser: [Yingfu Xie](#)

Presenter/Speaker: [Malte Schierholz](#)

Discussant: [Jens Malmros](#)

Presenter/Speaker: [Marco Puts](#)

Presenter/Speaker: [Petter Ehn Wingårdh](#)

Presenter/Speaker: [Sandra Barragán](#)

Presenter/Speaker: [Aymon Wuolanne](#)

Moment estimator and the optimal minimax convergence rate

Author: [Jiahua Chen](#)

Regularization in Mixture-of-Experts Models with Ultra-High Dimensionality

Author: [Abbas Khalili](#)

Variable selection in mixture regression models

Author: [Zeny Feng](#)

Participants:

Organiser: [Changbao Wu](#)

Presenter/Speaker: [Jiahua Chen](#)

Presenter/Speaker: [Abbas Khalili](#)

Presenter/Speaker: [Zeny Feng](#)

Presenter/Speaker: [Qinglong Tian](#)

Development of a framework for future updates of macroeconomic statistical manuals

Author: [Fabienne Fortanier](#)

South Africa's SNA2025 implementation from and institutional sector accounts and related macroeconomic statistical domains perspective

Author: [Barend de Beer](#)

Participants:

Presenter/Speaker: [Fernando Alberto Rocha](#)

Presenter/Speaker: [Barend de Beer](#)

Chair: [Mr Jorrit Zwijnenburg](#)

Presenter/Speaker: [Fabienne Fortanier](#)

Presenter/Speaker: [Peter Van de Ven](#)

Presenter/Speaker: [Jim Tebrake](#)

How to convince respondents to do smart tasks

Author: [Florian Keusch](#)

How to embed and improve AI-ML in smart surveys for Official Statistics

Author: [Barry Schouten](#)

What should respondents (be able to) do in smart surveys?

Author: [Petrus Te Braak](#)

Method effects in smart surveys

Author: [Peter Lugtig](#)

Participants:

Organiser: [Barry Schouten](#)

Presenter/Speaker: [Florian Keusch](#)

Presenter/Speaker: [Peter Lugtig](#)

Chair: [Remco Paulussen](#)

Presenter/Speaker: [Claudia De Vitiis](#)

Presenter/Speaker: [Petrus Te Braak](#)

Presenter/Speaker: [Petrus te Braak](#)

10:50–12:30

IPS 882 - The Role of Privacy-enhancing Technologies in New Data Partnership Scenarios for Official Statistics

IPS
Room - Europe 1

A Statistician's Holistic Perspective on Privacy-Enhancing Technologies in New Data Partnership Scenarios

Author: [Diego Kuonen](#)

Legal and Policy Considerations Arising from the Use of Privacy Enhancing Technologies

Author: [Triin Siil](#)

Participants:

Presenter/Speaker: [Triin Siil](#)

Organiser: [Matjaz Jug](#)

Presenter/Speaker: [Diego Kuonen](#)

Panellist: [Abel Dasylva](#)

Panellist: [Raphaël de Fondeville](#)

Presenter/Speaker: [Freek Bomhof](#)

Presenter/Speaker: [Dave Buckley](#)

Panellist: [Benjamin Santos](#)

10:50–12:30

IPS 892 - The Importance of Place: Bringing Spatial Tools to Population Data

IPS
Room - Onyx

Evolving Global Trends in Science and Technology Occupations

Author: [Dr Lara Cleveland](#)

The Living Arrangements and Family Caregiving Implications for Older Adults with Cognitive Impairments

Author: [Sula Sarkar](#)

Using Census data to assess Social and Demographic Effects of Extreme Weather Events and Climate Change

Author: [Alphonse L. MacDonald](#)

Participants:

Organiser: [Dr Lara Cleveland](#)

Presenter/Speaker: [Sula Sarkar](#)

Chair: [Rodrigo Lovaton Davila](#)

Presenter/Speaker: [Alphonse L. MacDonald](#)

10:50–12:30

IPS 894 - Advancements in Statistical Methodologies for Environmental and Health Data Analysis

IPS
Room - Mississippi

Advancing methods for estimating source contributions to airborne particulates

Author: [Monica Pirani](#)

Spatiotemporal patterns of seasonal and pandemic influenza: an application of longitudinal study design to surveillance systems data

Author: [Elena Naumova](#)

Participants:

Chair: [Veronica Berrocal](#)

Presenter/Speaker: [Monica Pirani](#)

Presenter/Speaker: [Elena Naumova](#)

Organiser: [Lelys I. Bravo de Guenni](#)

10:50–12:30

IPS 935 - Innovating Statistical Product Development to Meet Rapidly Evolving Stakeholder Needs

IPS
Room - Amazon

optimizing your dataposition: making the most of your unique selling point

Author: [Ruben Dood](#)

Participants:

Discussant: [Dr Linda J. Young](#)

Presenter/Speaker: [Albrecht Wirthmann](#)

Presenter/Speaker: [Sarah Henry](#)

Organiser: [Michael Hawes](#)

Discussant: [Cassandra Dorius](#)

Presenter/Speaker: [Ruben Dood](#)

Discussant: [Corinne Prost](#)

10:50–12:30

IPS 957 - Ethically Sustainable Data Ecosystem Roles of National Statistical Institutes

IPS
Room - Yangtze 1

Building trust culture in the office – examples of ethics-driven proactive internal communication at Statistics Poland

Author: [Anna Borowska](#)

Official statistician: from law to practice

Author: [Olivier Lefebvre](#)

Structure of ethical issues in new data ecosystems

Author: [Timo Koskimäki](#)

Participants:

Discussant: [Dr Luca Di Gennaro](#)

Presenter/Speaker: [Saman Muthukumarana](#)

Organiser: [Timo Koskimäki](#)

Chair: [Markus Sovala](#)

Presenter/Speaker: [Olivier Lefebvre](#)

Presenter/Speaker: [Anna Borowska](#)

Presenter/Speaker: [Evelien Ebenau](#)

10:50–12:30

IPS 973 - Supporting African Statistics Education

IPS
Room - Everest 1

Educating Students in Interdisciplinary Collaboration Throughout the LISA 2020 Global Network

Author: [Prof. Eric Vance](#)

Making Statistics Education Research in Africa visible by a Special Issue of the Statistics Education Research Journal

Author: [Daniel Frischemeier](#)

Recent Developments in Statistics and Data Science Education in Africa and the Supportive Roles of IASE

Author: [Olushina Olawale Awe](#)

Participants:

Presenter/Speaker: [Olushina Olawale Awe](#)

Presenter/Speaker: [Eric Vance](#)

Presenter/Speaker: [David Stern](#)

Presenter/Speaker: [Prof. Eric Vance](#)

Organiser: [Dr James Kaleli Musyoka](#)

Presenter/Speaker: [Daniel Frischemeier](#)

Presenter/Speaker: [Daniel Frischemeier](#)

12:30–13:55 **Committee on the Public Voice of Statistics**

Administrative
Meetings
Room - Europe 2

Short Description

The room to be confirmed

12:30–13:55 **IAOS General Assembly**

Administrative
Meetings
Room - Antarctica

Short Description

Open for IAOS Members

12:30–13:55 **IASE International Statistical Literacy Project (ISLP) Open Meeting**

Administrative
Meetings
Room - Africa

12:30–13:55 **ISBIS General Assembly**

Administrative
Meetings
Room - South
America

Short Description

Open for ISBIS Members

12:30–13:55 **Indigenous Statistics Working Group: Development of Indigenous Statistics**

Administrative
Meetings
Room - Oceania

Short Description

Closed Meeting

12:30–13:55 **Members' Open Mic on the ISI strategy: how the ISI can best adjust to the era of AI and more**

Administrative
Meetings
Room - Onyx

Participants:

Organiser: [Matthew Shearing](#)

Short Description

This is a dedicated opportunity for members to pop in and informally discuss with the members of the ISI Executive Committee for 2025 to 2029 about the development of the ISI's strategy for the coming years. The new Executive Committee would love to hear more about what works well and what the ISI can do better. Pop in at any time between 1-2pm to get involved in the conversations.

12:30–14:00	Lunch	Lunch Lobby - Queen Maxima
13:05–13:55	ISI Scientific Programme Committee for Malta 2026 Meeting	Administrative Meetings Room - Central America
14:00–15:40	IPS 1035 - Recent Advances in Statistical Network Analysis with Applications	IPS Room - Kilimanjaro 2
<p>A General Latent Embedding Approach for Modeling High-dimensional Hyperlinks Author: Gongjun Xu</p> <p>Informative Periphery Detection and Post-Detection Inference on Weighted Directed Networks Author: Wen Zhou</p> <p>Participants: Organiser: Prof. Ji Zhu Presenter/Speaker: Gongjun Xu Presenter/Speaker: Robert Lunde Presenter/Speaker: Wen Zhou Presenter/Speaker: Xuening Zhu</p>		
14:00–15:40	IPS 728 - Recent Advances in Geometric and Object Data Analysis	IPS Room - North America
<p>Fréchet means in infinite dimensions Author: Adam Quinn Jaffe</p> <p>Transportation-based change point detection for functional covariance Author: Valentina Masarotto</p> <p>Participants: Organiser: Dr Zhenhua Lin Presenter/Speaker: Victor Michael Panaretos Chair: Valentina Masarotto Presenter/Speaker: Adam Quinn Jaffe</p>		

14:00–15:40

IPS 735 - Advancing Official Statistics in Africa in the Digital and Technology Era

IPS
Room - Central
America

Advancing Official Statistics in Africa in the Digital and Technology Era

Author: Adeyemi Adeniran

BUILDING PUBLIC TRUST AND CAPACITY FOR THE USE OF THE NEW DATA SOURCES FOR OFFICIAL STATISTICS IN AFRICA

Author: Dr Chigozie Kelechi Acha

THE NEW DATA SOURCES AND OFFICIAL STATISTICS IN AFRICA

Author: Dr Chigozie Kelechi Acha

Participants:

Presenter/Speaker: Dr Chigozie Kelechi Acha

Organiser: Osulale Peter Popoola

Chair: Ronald Jansen

Presenter/Speaker: Adeyemi Adeniran

14:00–15:40

IPS 736 - Causal Inference for Complex Data

IPS
Room - South
America

An adaptive test for natural indirect effect in large-dimensional mediation analysis

Author: Feng Liang

An exhaustive selection of sufficient adjustment sets for causal inference

Author: Lixing Zhu

Target Trials and Structural Nested Models: Emulating RCTs using Observational Longitudinal Data

Author: Oliver Dukes

On optimal sequential regimes assisted by algorithms

Author: Mats Julius Stensrud

Policy Learning with Continuous Actions Under Unmeasured Confounding

Author: Ruoqing Zhu

Participants:

Presenter/Speaker: Lixing Zhu

Presenter/Speaker: Mats Julius Stensrud

Organiser: Yifan Cui

Presenter/Speaker: Ruoqing Zhu

Presenter/Speaker: Feng Liang

Presenter/Speaker: Oliver Dukes

14:00–15:40

IPS 767 - Enhancing Public Confidence in Analytic Quality and Privacy Protection for Public-Use Statistics

IPS
Room - Africa

Maintaining public trust while increasing the use of integrated data for policy development and evaluation, and research: Experiences from Australia

Author: [Marcel Matthew van Kints](#)

Methods for communicating and enhancing public confidence in official statistics- some examples

Author: [Lilli Japiec](#)

Reproducibility and transparency in academia, and implications for statistical agencies

Author: [Lars Vilhuber](#)

Use of Random Forests in Small Area Estimation

Author: [Keven Bosa](#)

Participants:

Organiser: [John Lamont Eltinge](#)

Presenter/Speaker: [Lars Vilhuber](#)

Presenter/Speaker: [Marcel Matthew van Kints](#)

Presenter/Speaker: [Lilli Japiec](#)

Presenter/Speaker: [Lilli Japiec](#)

Presenter/Speaker: [Keven Bosa](#)

Presenter/Speaker: [Ruobin gong](#)

Presenter/Speaker: [Lars Vilhuber](#)

14:00–15:40

IPS 796 - Emerging Trends in Digital Twins

IPS
Room - Antarctica

Bluebird: A digital twin of UK airspace for air traffic control

Author: [Nick Barlow](#)

Capturing and quantifying uncertainties in agricultural (farm-scale) digital twins

Author: [Andrew Mead](#)

Participants:

Organiser: [Andrew Elliott](#)

Presenter/Speaker: [Andrew Mead](#)

Presenter/Speaker: [Nick Barlow](#)

Presenter/Speaker: [Alison Heppenstall](#)

Machine learning model for survival data under dependence censoring

Author: [Saparya Suresh](#)

Semiparametric Regression Modeling of Current Status Competing Risks Data: A Bayesian Approach

Author: [Prof. Sankaran Paduthol](#)

Semiparametric regression analysis of panel count data with multiple modes of recurrence

Author: [Sreedevi Purushothaman](#)

Semiparametric transformation model for competing risks under length biased interval censored data

Author: [Sudheesh Kattumannil](#)

Participants:

Presenter/Speaker: [Prof. Sankaran Paduthol](#)

Organiser: [Sudheesh Kattumannil](#)

Presenter/Speaker: [Sreedevi Purushothaman](#)

Presenter/Speaker: [Saparya Suresh](#)

Presenter/Speaker: [Sreedevi E P](#)

Assessing cardiovascular adaptations of professional football players

Author: [Stephane Perrey](#)

Sports analytics in the 21st century – learning for the Olympic year

Author: [Florian FELICE](#)

Statistics in Football: An overview

Author: [Leonardo Egidi](#)

The Problem of Aging in Football

Author: [Timothy Swartz](#)

Participants:

Presenter/Speaker: [Leonardo Egidi](#)

Presenter/Speaker: [Timothy Swartz](#)

Organiser: [Marica Manisera](#)

Chair: [Andreas Groll](#)

Presenter/Speaker: [Stephane Perrey](#)

Presenter/Speaker: [Florian FELICE](#)

14:00–15:40

IPS 820 - Informing Progress Towards the SDG: New Bottom-up Data Approaches and Inclusive Statistics Communities

IPS
Room - Kilimanjaro
1

Citizen science for SDG delivery, data, and measurement

Author: [Dilek Fraisl](#)

Harnessing bottom-up data approaches for official statistics

Author: [Dr Steve MacFeely](#)

Trends in bottom-up data approaches and inclusive statistics communities – Key insights from the Elgar Companion to data and indicators for the SDGs

Author: [Mira Manini Tiwari](#)

Participants:

Presenter/Speaker: [Dr Steve MacFeely](#)

Presenter/Speaker: [Dilek Fraisl](#)

Discussant: [Pietro Gennari](#)

Chair: [Gaby Umbach](#)

Discussant: [Pedro José Campos](#)

Organiser: [Gaby Umbach](#)

Presenter/Speaker: [Mira Manini Tiwari](#)

14:00–15:40

IPS 825 - Pedagogies for Machine Learning in Data Science Education at the School Level- From Algorithms and Modeling to Societal and Ethical Implications

IPS
Room - Europe 2

Data-based decision trees as a first introduction to machine learning

Author: [FRANZ YANNIK FLEISCHER](#)

Teaching Key Mathematical Concepts of Machine Learning in Secondary Education

Author: [Stephan Kindler](#)

Participants:

Chair: [Mr Joachim Engel](#)

Organiser: [Rolf Biehler](#)

Presenter/Speaker: [Yannik Fleischer](#)

Presenter/Speaker: [FRANZ YANNIK FLEISCHER](#)

Presenter/Speaker: [Stephan Kindler](#)

A novel goodness-of-fit test for the Wishart distribution based on a Stein-type characterization

Author: [Bojana Milosevic](#)

New goodness-of-fit tests on the hypersphere based on Stein characterizations

Author: [Bruno Ebner](#)

Stein's Method for Assessing and Generating Graphs

Author: [Wenkai Xu](#)

Participants:

Presenter/Speaker: [Bojana Milosevic](#)

Chair: [Adrian Fischer](#)

Presenter/Speaker: [Bruno Ebner](#)

Moderator: [Wenkai Xu](#)

Commercial Property Price Indexes: Opportunities and Challenges

Author: [Barra Casey](#)

Charting the path: policy insights from compiling more comparable property price statistics?

Author: [Robert Szemere](#)

Developing data sources and methods for a Commercial Property Price Index in Finland

Author: [Johanna Kaila](#)

The inclusion of portfolio sales in real estate price indices

Author: [Farley Ishaak](#)

Quarterly CPPIs for Germany using transaction data from the financing business of banks

Author: [Thomas Knetsch](#)

Participants:

Presenter/Speaker: [Thomas Knetsch](#)

Presenter/Speaker: [Robert Szemere](#)

Chair: [Rui Evangelista](#)

Discussant: [Frauke Skudelny](#)

Presenter/Speaker: [Barra Casey](#)

Presenter/Speaker: [Farley Ishaak](#)

Presenter/Speaker: [Liina Arhosalo](#)

Presenter/Speaker: [Johanna Kaila](#)

14:00–15:40

IPS 889 - From Theory to Practice - Implementing Generative AI in Statistical Organizations

IPS
Room - Mississippi

AI and quality in official statistics

Author: [Martin Ralphs](#)

Generative AI implementation – use case for SAS to R code transition

Author: [Vytas Vaiciulis](#)

Leveraging AI for official statistics: applications, challenges and scenarios

Author: [Magdalena Erdem](#)

Participants:

Chair: [Anders Holmberg](#)

Organiser: [Inkyung Choi](#)

Presenter/Speaker: [Magdalena Erdem](#)

Discussant: [Gary Dunnet](#)

Presenter/Speaker: [Martin Ralphs](#)

Presenter/Speaker: [Vytas Vaiciulis](#)

Discussant: [Bilyana Bogdanova](#)

14:00–15:40

IPS 910 - Handling Time in Environmental Studies

IPS
Room - Amazon

Autoregressive moving average model based on the Reflect Unit Burr XII distribution: theory and applications in hydroelectric energy forecasting

Author: [Professor Dr. Renata Rojas Guerra](#)

Longitudinal data under antedependence model with applications to environmental sciences

Author: [Carina Silva](#)

Zero-inflated Rayleigh dynamical for SAR imagery and hydrological data modeling

Author: [Bruna Palm](#)

Participants:

Organiser: [Fernanda Lang Schumacher](#)

Presenter/Speaker: [Professor Dr. Renata Rojas Guerra](#)

Presenter/Speaker: [Carina Brunehilde Pinto da Silva](#)

Presenter/Speaker: [Bruna Palm](#)

Presenter/Speaker: [Carina Silva](#)

Application of machine learning on oral microbiome and resistome profiles: a multicenter cohort study

Author: [Bente Sved Skottvoll](#)

Compositional Models and Software to Analyse Bacterial Dynamics

Author: [Irene Creus-Martí](#)

Four functional profiles for fibre and mucin metabolism in the human gut microbiome

Author: [Simon Labarthe](#)

Mixed effects models for longitudinal compositional data using the SAEM algorithm: Application to identifying respiratory microbiome-based predictive

Author: [John Barrera](#)

On the Methodological difficulties of analyzing the association between compositional microbiome data and outcomes: An example from an HIV study.

Author: [Antonin Colajanni](#)

Participants:

Organiser: [Marta Avalos-Fernandez](#)

Presenter/Speaker: [Antonin Colajanni](#)

Presenter/Speaker: [Simon Labarthe](#)

Presenter/Speaker: [John Barrera](#)

Presenter/Speaker: [Bente Sved Skottvoll](#)

Presenter/Speaker: [Irene Creus-Martí](#)

14:00–15:40

IPS 934 - Integrating Mobile Network Operator Data with Official Statistics

IPS
Room - Yangtze 2

Can a traditional survey reduce the bias of mobile phone data based statistics?

Author: [Dr Alexander Kowarik](#)

Evaluation of Learning Approaches for Tourism Nowcasting Using MNO Data

Author: [Alessandro Piovani](#)

Methods for producing official statistics from mobile network data

Author: [Li-Chun Zhang](#)

Which data to combine with Mobile Phone Data ? Landscaping of the most promising sources and associated challenges

Author: [Gloria Deetjen](#)

Participants:

Presenter/Speaker: [Dr Alexander Kowarik](#)

Presenter/Speaker: [Li-Chun Zhang](#)

Presenter/Speaker: [Alexander Kowarik](#)

Organiser: [Tiziana Tuoto](#)

Presenter/Speaker: [Johan Fosen](#)

Presenter/Speaker: [Loredana Di Consiglio](#)

Presenter/Speaker: [Alessandro Piovani](#)

Presenter/Speaker: [Gloria Deetjen](#)

14:00–15:40

IPS 972 - Collecting and Processing Small and Frequent Expenditure Items in Household Expenditure Program

IPS
Room - Everest 1

Automation of the Capture and Coding of the Canadian Survey of Household Spending Diary

Author: [Joanne Yoon](#)

Innovations and improvements in collecting and processing household spending diary data

Author: [Joanna Bulman](#)

Joint models for multi-outcome data and covariance structures via a Bayesian approach

Author: [Christiana Charalambous](#)

A detailed look at COICOP classification of scanned receipt texts

Author: [Chris Lam](#)

Participants:

Presenter/Speaker: [Joanna Bulman](#)

Organiser: [Jelmer C. de Groot](#)

Presenter/Speaker: [Joanne Yoon](#)

Presenter/Speaker: [Christiana Charalambous](#)

Presenter/Speaker: [Chris Lam](#)

14:00–15:40

**IPS 975 - How Today's Megatrends Will Reshape Official Statistics:
Integrating Anticipatory Methods Into Official Statistics**

IPS
Room - Everest 2

Participants:

Panellist: Stefaan Verhulst

Chair: Dominik Rozkrut

Organiser: Misha Belkindas

Discussant: Piedad Urdinola

Discussant: Elsa Dhuli

Panellist: Yusuf Murangwa

Panellist: Katarzyna Kopczewska

15:40–16:00

Comfort Break

Comfort Break
Princess Ariane

16:00–17:00

ISI & Associations' Awards Ceremony

Awards Ceremony
Level -1 - Atlantic

Short Description

Celebrate excellence in statistics with awards including Mahalanobis, Founders of Statistics, and more.

17:10–18:00

Closing Ceremony

Closing Ceremony
Auditorium - King
Willem Alexander

Short Description

Wrap up WSC 2025 with highlights, reflections and handover to WSC 2027 and 2029.

19:00–22:00

Gala Dinner

Networking /
Reception
Level -1 - Atlantic

Short Description

Registration required: This is a separate event for which you need to purchase a ticket (via the registration system).

Elegant evening of dining, networking, music, and dancing for all delegates.