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

09:20–10:30 SIPS 1164 - IAOS Young Statisticians Prize 2023, 2024, 2025

SIPS
Room - Central America

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

09:20–10:30 SIPS 1173 - ISI Founder of Statistics Prize Lecture - Founders of Statistics Prize for Contemporary Research Contributions

SIPS
Room - Onyx

Participants:
Chair: Prof. Kerrie Mengersen
Presenter/Speaker: Trevor John Hastie
Presenter/Speaker: Hui Zou

10:30–10:50 Comfort Break

Comfort Break
Princess Ariane

10:50–12:30 IPS 1008 - Modelling Economic and Financial Time Series

IPS
Room - Kilimanjaro
1

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

10:50–12:30 IPS 1024 - Bayesian Inverse Problems

IPS
Room - Kilimanjaro
2

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 Dumicic
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 Osuolale 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 Osuolale 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

10:50–12:30 IPS 755 - Improving Access to Microdata for Researchers

IPS
Room - South America

An Efficient Semi-automated Data Export Checking System to Avoid Confidential Data Leakage
Author: Titouan Rigaud

Improving access to microdata for re searchers
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

10:50–12:30 IPS 783 - Measurement Challenges of Data Assets in Official Statistics

IPS
Room - Africa

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

10:50–12:30 IPS 853 - Stein's Method and Stochastic Geometry

IPS
Room - Europe 1

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

10:50–12:30 IPS 867 - Big Data and AI Transformations in Emerging Scientific and Population Studies

IPS
Room - Europe 2

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

10:50–12:30 IPS 925 - Machine Learning improved Time Series Analysis

IPS
Room - Amazon

ANN Estimation of the Time Series Models
Author: 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

10:50–12:30 IPS 931 - Statistics Education in South Africa

IPS
Room - Yangtze 1

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

14:00–15:40 IPS 673 - Statistical Estimation in Diffusion and Fractional Diffusion Models and High-Dimensional Analysis, with Applications

IPS
Room - North America

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 Dumicic

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 Dumicic
Presenter/Speaker: Carlo Cavicchia
Discussant: Veljko Jeremić
Presenter/Speaker: Veljko Uskokovic
Presenter/Speaker: Sophia Loizidou

14:00–15:40 IPS 729 - Bootstrap-Based Statistical Inference for Dependent Data

IPS
Room - Africa

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

14:00–15:40 IPS 746 - Tackling Food Loss and Waste: New Methodologies, the Potential of Artificial Intelligence and Further Perspectives

IPS
Room - Antarctica

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

14:00–15:40 IPS 779 - Advances in Directional Statistics

IPS
Room - Asia

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

14:00–15:40 IPS 781 - Advanced Topics in Functional and Object Data Analysis

IPS
Room - Europe 1

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

14:00–15:40 IPS 900 - Network Science for Official Statistics

IPS
Room - Everest 1

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

14:00–15:40 IPS 966 - Data Science and Innovation: Steering Central Banks Statistics Towards Agile Governance

IPS
Room - Everest 2

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

15:40–16:00 Comfort Break

Comfort Break
Lobby - Queen Maxima

16:00–17:00 CPS 16 - Experimental Design and Clinical Trials

CPS
Room - Africa

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

16:00–17:00 CPS 2 - Statistical Theory

CPS
Room - Kilimanjaro 2

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

16:00–17:00 CPS 20 - Statistical Modelling and Simulation

CPS
Room - South America

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

16:00–17:00 CPS 26 - Measurement Error, Uncertainty, and Estimation Methods in Survey Statistics

CPS
Room - Everest 1

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 Szeitl

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 Szeitl
Presenter/Speaker: Zaza Yuda Perwira

16:00–17:00 CPS 30 - Vulnerable Populations and Health Challenges in Children

CPS
Room - Europe 1

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

16:00–17:00 CPS 33 - Statistical Methods in Education

CPS
Room - Oceania

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

16:00–17:00 CPS 51 - Business Statistics

CPS
Room - Kilimanjaro 1

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

16:00–17:00 CPS 58 - Economic Analysis and Methodological Innovations for Health Care Expenditure and Policy

CPS
Room - Asia

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

16:00–17:00 CPS 59 - Environmental Accounting and Sustainable Development

CPS
Room - Onyx

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

16:00–17:00 CPS 61 - Data Integration in Official Statistics

CPS
Room - Yangtze 2

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

16:00–17:00 CPS 77 - Transforming National Statistical Systems

CPS
Room - Central America

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 Kyprioti

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 Kyprioti
Presenter/Speaker: Maria Pimenta
Presenter/Speaker: Bagus Anda Suhada

16:00–17:00 CPS 81 - Labour Market Data and Policy Analysis

CPS
Room - Mississippi

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

16:00–17:00 CPS Posters 01

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 02

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 03

Poster
Lobby - Queen
Maxima

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

16:00–17:00 CPS Posters 04

Poster
Lobby - Queen
Maxima

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

16:00–17:00 CPS Posters 05

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 06

Poster
Lobby - Queen Maxima

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

17:10–18:10 CPS 18 - Climate and Investment

CPS
Room - North America

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

17:10–18:10 CPS 19 - Genomics and Conservation

CPS
Room - Asia

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

17:10–18:10 CPS 24 - Small Area Estimation and Spatio-Temporal Modelling

CPS
Room - Yangtze 2

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

17:10–18:10 CPS 35 - Economic Measurement and Productivity

CPS
Room - Africa

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

17:10–18:10 CPS 39 - Statistical Theory

CPS
Room - Kilimanjaro 2

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 Dmttf 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

17:10–18:10 CPS 4 - Stochastic Processes and Functional Data

CPS
Room - Everest 2

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

17:10–18:10 CPS 45 - Socioeconomic Factors and Statistical Modelling of Household Expenditure and Consumption

CPS
Room - Europe 1

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

17:10–18:10 CPS 47 - Socioeconomic and Policy Interventions in Child Health

CPS
Room - Kilimanjaro 1

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: Hyoeun 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: Hyoeun 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 Baniyas

Participants:
Presenter/Speaker: Raba'a Baniyas
Presenter/Speaker: Sarah Rafferty
Presenter/Speaker: Muhammad Yunus Hendrawan

17:10–18:10 CPS 68 - Enhancing Data Quality and Governance in Official Statistics

CPS
Room - Everest 1

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

17:10–18:10 CPS 76 - Bayesian Methods for Complex Data Analysis

CPS
Room - Yangtze 1

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

17:10–18:10 CPS 78 - AI and Machine Learning in Statistics

CPS
Room - Europe 2

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

17:10–18:10 CPS 82 - Agricultural Statistics — Survey Methods

CPS
Room - Oceania

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

17:10–18:10 CPS 83 - Predictive Analytics and Nowcasting

CPS
Room - Onyx

Prediction of Internet Users in Indonesia Using Google Trends Data
Author: Atika Nashirah Hasyyati

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 Hasyyati
Chair: Adrian Baddeley
Presenter/Speaker: Jonas Klingwort

17:10–18:10 CPS 85 - Data Visualization and Communication in Statistics

CPS
Room - Central America

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 Japec
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 Alexander 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

08:00–09:10 IPS 963 - Statistical Methods for Neuroimaging

IPS
Room - Antarctica

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

08:00–09:10 IPS 964 - New Developments in Seasonal Adjustment

IPS
Room - Asia

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 icome 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

l0-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

09:20–10:30 IPS 1112 - ESRI: GIS, Artificial Intelligence and Data Science

IPS
Room - Asia

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

09:20–10:30 SIPS 1126 - Forensic Statistics

SIPS
Room - Africa

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

09:20–10:30 SIPS 1143 - ISBIS Gosset Lecture

SIPS
Room - Europe 2

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

10:50–12:30 IPS 674 - The Role of Statistics and Data Science in Impact Evaluation

IPS Room - North America

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

10:50–12:30 IPS 708 - Bayesian Modelling Approaches from Women in the Forefront of Medical & Environmental Studies

IPS Room - Central America

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

10:50–12:30 IPS 739 - Statistics in the Knowledge Economy

IPS
Room - South America

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

10:50–12:30 IPS 769 - Heterogeneous Data Extremes

IPS
Room - Africa

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 Splink: 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

10:50–12:30 IPS 887 - The Future of Social Surveys: Adapting to a Changing World

IPS
Room - Oceania

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

10:50–12:30 IPS 914 - Recent Advances on High-Dimensional Statistics for Complex Data

IPS
Room - Onyx

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 an 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

Measuring the carbon footprints of portfolios Emission intensities and financed emissions indicators from Multi-Regional IO and Air Emission Accounts
Author: Ulf von Kalckreuth

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

10:50–12:30 IPS 983 - Bias, Variation, Error, and Interpretability of Algorithms Used in Forensic Applications

IPS
Room - Everest 1

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

10:50–12:30 IPS 996 - Privacy in Statistics: Recent Advances

IPS
Room - Everest 2

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

12:30–13:55 FENStats Board Meeting

Administrative Meetings
Room - Asia

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 Dumicic
Presenter/Speaker: Prof. Blagica Novkovska
Discussant: Fulvia Mecatti
Presenter/Speaker: Paola Vicard
Presenter/Speaker: Paola Vicard
Presenter/Speaker: tatjana kecojevic

14:00–15:40 IPS 733 - Bayesian Model Based Methods with Applications

IPS
Room - Africa

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

14:00–15:40 IPS 759 - Democracy Dies In Darkness Without Official Statistics

IPS
Room - Antarctica

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 Shadrach Dzaan

Participants:
Organiser: Dr Luca Di Gennaro
Presenter/Speaker: Dr Steve MacFeely
Presenter/Speaker: Francesca Perucci
Presenter/Speaker: Barteld Braaksma
Presenter/Speaker: Kumafan Shadrach 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

14:00–15:40 IPS 901 - Future of AI in Official Statistics

IPS
Room - Yangtze 2

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

14:00–15:40 IPS 913 - Innovative Statistical Methods for Analyzing Censored and Skewed Business, Industrial and Medical Data

IPS
Room - Everest 1

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

14:00–15:40 IPS 917 - Harnessing the Power of Functional Data and Machine Learning in Biomedical Research

IPS
Room - Everest 2

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

14:00–15:40	IPS 950 - Novel Statistical Approaches in Biomarker Discovery, Analysis & Disease Screening	IPS Room - Kilimanjaro 1

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

15:40–16:00	Comfort Break	Comfort Break Princess Ariane

16:00–17:00 CPS 1 - Statistical Theory

CPS
Room - Antarctica

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

16:00–17:00 CPS 13 - Small Area Estimation for Policy and Socio-Economic Modelling

CPS
Room - Yangtze 1

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 Čiginas

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 Čiginas
Chair: Dipankar Bandyopadhyay
Presenter/Speaker: Anita Rokhmawati
Presenter/Speaker: Ika Yuni Wulansari
Presenter/Speaker: Leonardo Trujillo Oyola
Presenter/Speaker: Selina Neef

16:00–17:00 CPS 21 - Applied Statistical Modelling

CPS
Room - Africa

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

16:00–17:00 CPS 23 - Statistical Methods for Environmental and Climate Data Analysis CPS Room - Mississippi

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

16:00–17:00 CPS 44 - Data Collection and Analytical Techniques for Price Indexing

CPS Room - Central America

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

16:00–17:00 CPS 5 - Time Series Analysis

CPS Room - South America

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

16:00–17:00 CPS 53 - Migration and Demographic Modelling

CPS
Room - Oceania

Why do immigrants move to rural areas?
Author: Neil Fidelle Lomibao

The Green Path to Financial Stability for Indonesian Migrant Workers
Author: Farakh Khoirotun 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 Khoirotun Nasida
Presenter/Speaker: Putri Ilhami Firdaus
Presenter/Speaker: Paweł Murawski
Presenter/Speaker: Neil Fidelle Lomibao

16:00–17:00 CPS 54 - Statistical Analysis of Poverty, Inequality, and Sustainable Development

CPS
Room - Amazon

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

16:00–17:00 CPS 67 - Data Quality and Management in Official Statistics

CPS
Room - North America

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

16:00–17:00 CPS 71 - Spatial Data and Geomasking

CPS
Room - Everest 2

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

16:00–17:00 CPS 8 - Statistical and Machine Learning Methods in Clinical and Public Health Research

CPS
Room - Everest 1

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

16:00–17:00 CPS 90 - Data-Driven Pedagogy in Statistics Education

CPS
Room - Kilimanjaro 2

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 Masarottto
Presenter/Speaker: Karol Binkowski
Presenter/Speaker: Abhishek Kaul
Presenter/Speaker: Mitchum Bock

16:00–17:00 CPS Posters 07

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 08

Poster
Lobby - Queen Maxima

PB9-Depressive Symptoms and Economic Expectations in South Africa
Author: Thembelihle 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: Thembelihle Luthuli
Presenter/Speaker: Pai-Ling Li
Presenter/Speaker: Victor Freguglia Souza

16:00–17:00 CPS Posters 09

Poster
Lobby - Queen Maxima

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: Atsutomo Yara

PB32-Application of k-medoids for Data Clustering
Author: Taíse Lyra

Participants:
Presenter/Speaker: Taíse Lyra
Presenter/Speaker: Masaki Yoshioka
Presenter/Speaker: Atsutomo Yara
Presenter/Speaker: Fernando Arturo Pena Ramirez

16:00–17:00 CPS Posters 10

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 11

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 12

Poster
Lobby - Queen Maxima

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

17:10–18:10 CPS 10 - Factor Analysis and Structural Modelling

CPS
Room - Yangtze 1

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

17:10–18:10 CPS 12 - Financial Modelling and Volatility

CPS
Room - South America

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

17:10–18:10 CPS 15 - Survey Methodology and Experimental Design

CPS
Room - Everest 1

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

17:10–18:10 CPS 17 - Clinical Prognostics and Risk Assessment

CPS
Room - Africa

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 geoadditive 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: Lindelwa Sandra Dladla

Participants:
Chair: Dr Jairo Castano
Presenter/Speaker: Lindelwa Sandra Dladla

17:10–18:10 CPS 48 - Socioeconomics of Energy Consumption and Access

CPS
Room - Kilimanjaro 1

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

17:10–18:10 CPS 50 - Machine Learning in Banking and Finance

CPS
Room - Europe 2

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

17:10–18:10 CPS 55 - Public Engagement and Statistical Literacy

CPS
Room - Asia

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

17:10–18:10 CPS 62 - Transforming Census Methodologies

CPS
Room - Onyx

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

17:10–18:10 CPS 63 - Transforming Official Statistics

CPS
Room - North America

Enhancing Official Statistics Through Innovation: The NBS Journey
Author: 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

17:10–18:10 CPS 70 - Statistical Analysis of Mobility Data

CPS
Room - Kilimanjaro 2

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

17:10–18:10 CPS 80 - Statistics Education

CPS
Room - Central America

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

17:10–18:10 CPS 84 - Governance and Data Management in Official Statistics

CPS
Room - Europe 1

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

17:10–18:10 Future Insights: Horizon Scanning for Official Statistics

Innovative Meetings
Room - Mississippi

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

09:20–10:30 SIPS 1095 - IASC Journal of Data Science, Statistics and Visualisation Session

SIPS
Room - Antarctica

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

09:20–10:30 SIPS 1106 - Statistical Journal of the IAOS. Challenges in the implementation of a Quality Assurance Strategy at the national level

SIPS
Room - Central America

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: Xeni Kristine Dimakos

Participants:
Presenter/Speaker: Giorgia Simeoni
Presenter/Speaker: Xeni Kristine Dimakos
Presenter/Speaker: Matthias Reister
Presenter/Speaker: Tiziana Tuoto
Organiser: Pietro Gennari
Presenter/Speaker: Jan Smit

09:20–10:30 SIPS 1138 - Bernoulli Society President's Invited Speaker

SIPS
Room - Onyx

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

10:50–12:30 IPS 1039 - Artificial Intelligence in Medicine

IPS
Room - Kilimanjaro 2

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

10:50–12:30 IPS 699 - ChatGPT: Challenges and Opportunities to Statistical Research and Education

IPS
Room - Central America

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

10:50–12:30 IPS 709 - Stochastic Processes and Applications

IPS
Room - South America

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

10:50–12:30 IPS 721 - Importance of Data Science and Data Literacy in Education: From Aspirations to Solutions

IPS
Room - Africa

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

10:50–12:30 IPS 809 - New Avenues in Disease Mapping

IPS
Room - Oceania

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

10:50–12:30 IPS 862 - Recent Advances in Probability Models and Their Applications

IPS
Room - Onyx

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: Sreenrayanapurath M. Sunoj

Stochastic Volatility Models with Correlated Errors
Author: Narayana Balakrishna

Participants:
Presenter/Speaker: Narayana Balakrishna
Organiser: Sreenrayanapurath M. Sunoj
Presenter/Speaker: Indranil Ghosh
Presenter/Speaker: Balakrishna Narayana
Presenter/Speaker: Joby Kanjarakkattu Jose

10:50–12:30 IPS 933 - Spatial Linear Networks and Directional Analysis

IPS
Room - Mississippi

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

10:50–12:30 IPS 937 - Measuring Sustainable Productivity in Agriculture

IPS
Room - Amazon

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

10:50–12:30 IPS 995 - Innovations in Social and Demographic Statistics

IPS
Room - Everest 1

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

14:00–15:40 IPS 1028 - Financial Data Science: Opportunity and Risks

IPS
Room - Onyx

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

14:00–15:40 IPS 1120 - International efforts to measure household distributional information in line with macroeconomic aggregates

IPS
Room - Yangtze 1

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

14:00–15:40 IPS 941 - Why Official Statistics Should Include Indigenous Peoples

IPS
Room - Everest 1

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

14:00–15:40 IPS 959 - Sharing and Accessing Granular Administrative Data

IPS
Room - Oceania

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

16:00–17:00 CPS 22 - Statistical Theory

CPS
Room - Central America

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

16:00–17:00 CPS 25 - Estimation and Sampling Techniques

CPS
Room - Yangtze 1

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

16:00–17:00 CPS 28 - Nonresponse Bias and Missing Data in Surveys

CPS
Room - Onyx

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

16:00–17:00 CPS 31 - Clinical and Public Health Research

CPS
Room - Antarctica

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

16:00–17:00 CPS 34 - Statistical Modelling in HIV and Malaria Research

CPS
Room - Amazon

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

16:00–17:00 CPS 37 - Statistical Methods in Energy Policy Analysis and Forecasting

CPS
Room - Oceania

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

16:00–17:00 CPS 43 - Agricultural Statistics — Crop Monitoring and Yield Analysis

CPS
Room - Europe 2

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

16:00–17:00 CPS 52 - Econometrics and Statistical Methods

CPS
Room - Mississippi

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

16:00–17:00 CPS 56 - Tourism and Transportation

CPS
Room - Everest 1

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

16:00–17:00 CPS 57 - Labour Market Inclusion and Challenges

CPS
Room - Asia

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: Akvilė Vitkauskaitė

Participants:
Chair: Maciej Anacki
Presenter/Speaker: Marcus André Alves Zimmermann Vieira
Presenter/Speaker: Akvilė Vitkauskaitė
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

16:00–17:00 CPS 86 - Statistical Literacy

CPS
Room - Europe 1

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

16:00–17:00 CPS 9 - Survival Analysis

CPS
Room - Everest 2

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 Vittorietti

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 Vittorietti
Presenter/Speaker: Tsz Pang Yuen

16:00–17:00 CPS Posters 13

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 14

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 15

Poster
Lobby - Queen Maxima

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

16:00–17:00 CPS Posters 16

Poster
Lobby - Queen Maxima

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 K. 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

08:00–09:10 IPS 956 - Keep Your Data Providers Close, but Your Users Closer

IPS
Room - Antarctica

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

08:00–09:10 SIPS 1128 - Keynote Speaker: Ed Humpherson

SIPS
Auditorium - King Willem Alexander

Participants:
Presenter/Speaker: Edward Humpherson

09:20–10:30 IPS 1102 - Building Bridges: Strengthening collaboration between national statistical offices, academia and the private sector

IPS
Room - Antarctica

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 Świerkot-Strużewska
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 Świerkot-Strużewska
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

10:50–12:30 IPS 799 - Real-World Machine Learning Applications in Official Statistics

IPS
Room - Asia

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

10:50–12:30 IPS 824 - Unveiling the Power of Mixture Models in a Data-Rich World

IPS
Room - Europe 2

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

10:50–12:30 IPS 833 - Implementing the New SNA and BPM

IPS
Room - Yangtze 2

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

10:50–12:30 IPS 863 - Smart Survey Methodology

IPS
Room - Oceania

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 dataproposition: 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

A General Latent Embedding Approach for Modeling High-dimensional Hyperlinks
Author: Gongjun Xu

Informative Periphery Detection and Post-Detection Inference on Weighted Directed Networks
Author: Wen Zhou

Participants:
Organiser: Prof. Ji Zhu
Presenter/Speaker: Gongjun Xu
Presenter/Speaker: Robert Lunde
Presenter/Speaker: Wen Zhou
Presenter/Speaker: Xuening Zhu

14:00–15:40	IPS 728 - Recent Advances in Geometric and Object Data Analysis	IPS Room - North America

Fréchet means in infinite dimensions
Author: Adam Quinn Jaffe

Transportation-based change point detection for functional covariance
Author: Valentina Masarottto

Participants:
Organiser: Dr Zhenhua Lin
Presenter/Speaker: Victor Michael Panaretos
Chair: Valentina Masarottto
Presenter/Speaker: Adam Quinn Jaffe

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: Osuolale 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 Japec

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 Japec
Presenter/Speaker: Lilli Japec
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

14:00–15:40 IPS 802 - Regression Models for Lifetime Data

IPS
Room - Asia

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 tarnsformation 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

14:00–15:40 IPS 813 - Sports Analytics (2 of 2)

IPS
Room - Europe 1

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

14:00–15:40 IPS 836 - Stein's Method and Statistics

IPS
Room - Oceania

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

14:00–15:40 IPS 851 - Closing Data Gaps and Meeting User Needs With New Indicators on the Commercial Real Estate Market

IPS
Room - Onyx

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

14:00–15:40 IPS 927 - Statistical Tools for Microbiome-Based Biomarker Identification and Disease Prediction

IPS
Room - Yangtze 1

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.