



Regional Statistics Conference 2026 - Full Programme

Wednesday, 3 June 2026

09:00–09:15	Opening Ceremony	Opening Ceremony Aula Magna
09:15–10:00	SIPS 1248 - Opening plenary talk	SIPS Aula Magna
Participants: Organiser: Fabrizio Ruggeri Presenter/Speaker: Etienne Caruana		
10:00–11:00	CPS 01 Household Surveys	CPS Meeting Room 2
<p>Sample design for a national household survey to measure ICT access and use in Brazil Author: Dr Pedro Luis do Nascimento Silva</p> <p>A Quality Improvement Initiative for Data Collection in the Brazilian Household Sample Survey Author: Cristiano Fonseca</p> <p>Enhancing Household Survey Participation through Respondent Profiling: A Case Study of the 75–89 Age Group in Slovenia Author: Ema Misic</p> <p>Participants: Chair: Denise Britz do Nascimento Silva Presenter/Speaker: Dr Pedro Luis do Nascimento Silva Presenter/Speaker: Cristiano Fonseca Presenter/Speaker: Ema Misic</p>		

An ARMA-Type Maxwell Model with Time-Varying

Author: Fernando Arturo Pena Ramirez

A comparison between initialization strategies for the infinite hidden Markov model

Author: Federico Cortese

Participants:

Presenter/Speaker: Fernando Arturo Pena Ramirez

Chair: Giada Adelfio

Presenter/Speaker: Federico Cortese

Causal Inference for Intervention Spillover in a Cluster-randomized Stepped Wedge Trial

Author: James O'Malley

Causal Inference for Latent Class Analysis for Complex Survey Sampling Data

Author: Leila Amorim

A Difference-in-Differences Framework for Causal Mediation Analysis with Testable Assumptions and Multiple Ordered Mediators

Author: Peihuan Hsia

Modeling Voter Turnout with Bayesian Networks: Evidence from the 2022 Italian Parliamentary Election

Author: Paola Vicard

Participants:

Chair: Prof. Stefan Sperlich

Presenter/Speaker: Paola Vicard

Presenter/Speaker: James O'Malley

Presenter/Speaker: Peihuan Hsia

Presenter/Speaker: Leila Amorim

The Bulgarian Approach in Communicating Official Statistics with Various User Groups

Author: [Atanas Atanasov](#)

An ESCB pilot project for sharing confidential information with researchers

Author: [Dominique Durant](#)

Automating Data Dissemination Support: Balancing Accuracy and Institutional Style with Generative AI

Author: [Naci Yüksel](#)

MLUtils: an Official Statistics oriented common interface for Machine Learning

Author: [Carlos Saez Calvo](#)

Participants:

Chair: [Dr Luca Di Gennaro](#)

Presenter/Speaker: [Atanas Atanasov](#)

Presenter/Speaker: [Dominique Durant](#)

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

Presenter/Speaker: [Naci Yüksel](#)

Spatially Penalized AUC Maximization for Personalized Federated Learning

Author: [Mayu Hiraishi](#)

Biostatistical Competencies and Attitudes in Health Research: Insights from a Delphi Study

Author: [Nadia Dardenne](#)

Online estimation of uncertainty-aware indicators for assessing epidemic severity

Author: [Vasileios Papageorgiou](#)

Participants:

Chair: [Rosaria Lombardo](#)

Presenter/Speaker: [Nadia Dardenne](#)

Presenter/Speaker: [Mayu Hiraishi](#)

Presenter/Speaker: [Vasileios Papageorgiou](#)

Bridging Academia and Industry through Experiential Learning: Embedding Hackathons in the Statistics Education Curriculum

Author: [Rukia Nuermaimaiti](#)

HUNGARIAN HIGHER EDUCATION IN THE AGE OF DIGITALIZATION: STUDENTS' ASSESSMENT OF THEIR DIGITAL COMPETENCE BY FIELD OF STUDY AT THE UNIVERSITY OF SZEGE

Author: [Kovács Bence](#)

Impact Assessment of the Bolsa Presença Program Using Propensity Score Weighting

Author: [ROSEMEIRE FIACCONE](#)

Project work with AI in Introductory Statistics Courses (Peter Kovacs - Tamas Racz - Regina Bodo - Bence Kovacs - Tunde Szanto)

Author: [Dr Peter Kovacs](#)

Participants:

Chair: [Miss Milica Maricic](#)

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

Presenter/Speaker: [Kovács Bence](#)

Presenter/Speaker: [Rukia Nuermaimaiti](#)

Presenter/Speaker: [ROSEMEIRE FIACCONE](#)

Looking Forward: GIS-Based Population Modeling in Australia

Author: [Lydia Troup](#)

Sampling Population Networks at Scale: An Adaptive Framework for Demographic and Socio-Economic Analysis

Author: [Manuela Maia](#)

Untangling the Democracy-Data-Development Relationship: A Dynamic Two-Stage Panel Analysis

Author: [Sevastian Sanchez](#)

Participants:

Presenter/Speaker: [Lydia Troup](#)

Presenter/Speaker: [Manuela Maia](#)

Presenter/Speaker: [Sevastian Sanchez](#)

Short Description

10:10 Looking Forward: GIS-Based Population Modeling in Australia

Author: [Lydia Troup](#)

10:20 Sampling Population Networks at Scale: An Adaptive Framework for Demographic and Socio-Economic Analysis

Author: [Manuela Maia](#)

10:30 Untangling the Democracy-Data-Development Relationship: A Dynamic Two-Stage Panel Analysis

Author: [Sevastian Sanchez](#)

11:20–13:00

IPS 1179- Data quality through dual reporting and cross-verification in financial micro-data

IPS
Meeting Room 3

Enhancing Data Quality in Financial Micro-Data: Insights from EMIR and MMSR Dual-Sided Reporting

Author: [Grzegorz Skrzypczynski](#)

Improving Financial Data Quality through Dual Reporting and Rule-Based Matching: Evidence from a Central Bank Transaction Reporting System

Author: [Milla Carmellita](#)

Using mismatches in dual-sided reporting in EMIR to improve DQ

Author: [Murat Menguturk](#)

Two-sided reporting as a driver of data quality

Author: [Pablo Rovira Kaltwasser](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Romain Vagner](#)

Presenter/Speaker: [Grzegorz Skrzypczynski](#)

Presenter/Speaker: [Pablo Rovira Kaltwasser](#)

Presenter/Speaker: [Murat Menguturk](#)

Presenter/Speaker: [Pratiwi Pratiwi](#)

Presenter/Speaker: [rizky riyadhi](#)

11:20–13:00

IPS 1187 - Statistical Modeling of Complex Data based on Generalized Additive Models

IPS
Meeting Room 101

Scalable Bayesian inference for GAMs

Author: [Haavard Rue](#)

Spatial confounding bias in spatial GAMs

Author: [Isa Marques](#)

Spatio-temporal modelling for environmental data

Author: [Thordis Thorarinsdottir](#)

Visualizing and Diagnosing Distributional Generalized Additive Models with Intertwined Linear Predictors

Author: [Matteo Fasiolo](#)

Participants:

Discussant: [Andreas Groll](#)

Presenter/Speaker: [Haavard Rue](#)

Presenter/Speaker: [Isa Marques](#)

Organiser: [Thomas Kneib](#)

Presenter/Speaker: [Thordis Thorarinsdottir](#)

Presenter/Speaker: [Matteo Fasiolo](#)

Presenter/Speaker: [Isa Marques](#)

Advances in Bayesian Adversarial Machine Learning

Author: [David Rios-Insua](#)

Latent Factor Multivariate INAR Models for Counts

Author: [Refik Soyer](#)

On a Decision Analysis Framework for Prior Robustness

Author: [Fabrizio Ruggeri](#)

Generative Bayesian Computation

Author: [Nicholas Polson](#)

Participants:

Organiser: [Refik Soyer](#)

Presenter/Speaker: [Fabrizio Ruggeri](#)

Presenter/Speaker: [David Rios-Insua](#)

Presenter/Speaker: [Nicholas Polson](#)

Chair: [Vadim Sokolov](#)

Functional weighting marks for spatial point processes

Author: [Giada Adelfio](#)

Monitoring Covariance Shifts in Multichannel Profiles

Author: [Davide Forcina](#)

Statistical Data Science for Water Catchments

Author: [Claire Ann Miller](#)

Participants:

Presenter/Speaker: [Claire Ann Miller](#)

Organiser: [Elvira Romano](#)

Chair: [Christian Capezza](#)

Presenter/Speaker: [Giada Adelfio](#)

Presenter/Speaker: [Davide Forcina](#)

Advancing SAS to R Translation with Generative AI

Author: [Vytas Vaiciulis](#)

Generative AI for Dissemination: From Metadata to Automated Statistical Narratives at Eurostat

Author: [Petre Turliu](#)

Large language models for COICOP classification in Norway's household budget survey

Author: [Boriska Toth](#)

Participants:

Organiser: [Pietro Gennari](#)

Chair: [Oliver John M. Chinganya](#)

Presenter/Speaker: [Conchita Kleijweg](#)

Presenter/Speaker: [Vytas Vaiciulis](#)

Chair: [Fabrizio Ruggeri](#)

Presenter/Speaker: [Petre Turliu](#)

Presenter/Speaker: [Boriska Toth](#)

Neural Inference with Incomplete Data

Author: [Matthew Sainsbury-Dale](#)

Robust Amortized Bayesian Inference with Self-Consistency Losses on Unlabeled Data

Author: [Paul Bürkner](#)

Participants:

Chair: [Raphael Huser](#)

Discussant: [Andrew Zammit Mangion](#)

Presenter/Speaker: [Lidia Andre](#)

Presenter/Speaker: [Matthew Sainsbury-Dale](#)

Presenter/Speaker: [Paul Bürkner](#)

11:20–13:00

IPS 1285 - Novel Statistical Approaches to Risk Analysis for Sustainability and Responsible Decisions.

IPS
Meeting Room 6

A Sustainable Network-Based Approach to Cyber Risk Modelling

Author: [Claudia Tarantola](#)

Model-agnostic interpretability of deep learning models for car emissions assessment

Author: [Alfonso Iodice D'Enza](#)

Modeling the Impact of Green AI on Computational Efficiency and Low-Carbon Transitions

Author: [MARIA IANNARIO](#)

Participants:

Organiser: [Francesco Palumbo](#)

Presenter/Speaker: [Alfonso Iodice D'Enza](#)

Presenter/Speaker: [Maria Iannario](#)

Presenter/Speaker: [Claudia Tarantola](#)

Presenter/Speaker: [Yujia Chen](#)

Presenter/Speaker: [Alfonso Iodice D'Enza](#)

Presenter/Speaker: [MARIA IANNARIO](#)

13:00–14:30

Lunch

Lunch
TBC

14:30–16:10

IPS 1177 - Using AI to strengthen data governance

IPS
Meeting Room 103

AI as enabler for Comprehensive Data Governance

Author: [Magdalena Erdem](#)

Finding redundancies between data collection: an AI-based approach

Author: [Pedro Santos Silva](#)

The AI-Powered Foundation for Data Governance to Strengthen Statistics Department

Author: [Bilal Kurban](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Luís Teles Dias](#)

Presenter/Speaker: [Magdalena Erdem](#)

Presenter/Speaker: [Bilal Kurban](#)

Presenter/Speaker: [Pedro Santos Silva](#)

14:30–16:10

IPS 1224- Methodological and computational advances in omics data analysis

IPS
Meeting Room 102

Testing for multivariate association in microbiome multiomics with distance-based mutual information

Author: [Rebecca Deek](#)

Topological Data Analysis of Multiplexed Spatial Proteomics Data Using TOASTER

Author: [Sarah Samorodnitsky](#)

Participants:

Chair: [Hongzhe Li](#)

Presenter/Speaker: [Sandra Safo](#)

Presenter/Speaker: [Sarah Samorodnitsky](#)

Presenter/Speaker: [Rebecca Deek](#)

Presenter/Speaker: [Soumik Purkayastha](#)

14:30–16:10

IPS 1228- Whose Knowledge Counts? Rethinking Inclusion and Epistemic Justice in Statistics

IPS
Meeting Room 6

Data Science – a solution to Maths' EDI issues?

Author: [Pierre-Philippe Dechant](#)

Inclusion in Statistics Teaching Practice and Students' Sense of Belonging

Author: [Rukia Nuermairaiti](#)

Participants:

Presenter/Speaker: [Orietta Nicolis](#)

Discussant: [Craig Alexander](#)

Organiser: [Daniela Castro-Camilo](#)

Presenter/Speaker: [Pierre-Philippe Dechant](#)

Presenter/Speaker: [Rukia Nuermairaiti](#)

Presenter/Speaker: [Pierre-Philippe Dechant](#)

Exact Solutions to the Sparse Clustering ProblemAuthor: [Marten Soer](#)**pdglasso: an R package for Gaussian Graphical Models for paired data**Author: [Saverio Ranciati](#)**Invariant Coordinate Selection: An Overview and Recent Developments**Author: [Aurore ARCHIMBAUD](#)**Multivariate semi-parametric empirical best predictions using latent variable models**Author: [Dalila Failli](#)**Participants:**Organiser: [Carlo Cavicchia](#)Presenter/Speaker: [Aurore ARCHIMBAUD](#)Presenter/Speaker: [Saverio Ranciati](#)Presenter/Speaker: [Marten Soer](#)Presenter/Speaker: [Dalila Failli](#)**Constrained Neural Networks and Their Applications to Nonparametric Regression and Adversarial Learning**Author: [Yuanyuan Lin](#)**Deep Conditional Generative Learning for Optimal Individualized Treatment Rules**Author: [Xiangbin Hu](#)**Faster Convergence for Diffusion-Based Generative Models**Author: [Gen Li](#)**Participants:**Organiser: [Xingqiu Zhao](#)Presenter/Speaker: [Yuanyuan Lin](#)Presenter/Speaker: [Gen Li](#)Presenter/Speaker: [Xiangbin Hu](#)Presenter/Speaker: [Kin Yat LIU](#)

Rethinking data quality in the age of citizen participation

Author: [Monica Pratesi](#)

Participants:

Organiser: [Dr Luca Di Gennaro](#)

Presenter/Speaker: [Dilek Fraisl](#)

Presenter/Speaker: [Monica Pratesi](#)

Presenter/Speaker: [Francesca Perucci](#)

Chair: [Elizabeth Lockwood](#)

Discussant: [Alistair DeGaetano](#)

Developing a Scale-Invariant Trace Ratio Test for Gaussianity in Complex Matrix Variate Models

Author: [Johan Ferreira](#)

From block-circularity to block-compound symmetry and block-sphericity

Author: [Carlos Coelho](#)

Modified minimum distance estimation in a multiple linear regression model

Author: [Talha Arslan](#)

Testing Covariance Structures for High Dimensions

Author: [Filipe Marques](#)

Participants:

Presenter/Speaker: [Talha Arslan](#)

Presenter/Speaker: [Johan Ferreira](#)

Chair: [Regina Bispo](#)

Presenter/Speaker: [Filipe Marques](#)

Presenter/Speaker: [Carlos Coelho](#)

Presenter/Speaker: [Johan Ferreira](#)

The effectiveness of outlier detection methods in panel models

Author: [Tamás Rácz](#)

The impact of outliers using the traditional Horwitz- Thompson estimator: An application to the Annual Financial Statistics (AFS) survey

Author: [Dr Sagaren Pillay](#)

Outlier Robust XGBoost

Author: [Christophe Croux](#)

Participants:

Presenter/Speaker: [Christophe Croux](#)

Presenter/Speaker: [Dr Sagaren Pillay](#)

Presenter/Speaker: [Tamás Rácz](#)

Chair: [Christian Capezza](#)

Aspects of Statistical Inference from Renewal Processes

Author: [Diana Rauwolf](#)

A novel varying-coefficients quantile regression models under log-symmetric distributions

Author: [Carolina Marchant](#)

Participants:

Chair: [Maria Iannario](#)

Presenter/Speaker: [Carolina Marchant](#)

Presenter/Speaker: [Diana Rauwolf](#)

The single case problem and the unrealism of probability

Author: [Paolo Rocchi](#)

Redemption of Statistical Significance

Author: [Eugene Komaroff](#)

Participants:

Chair: [Ozan Kocadagli](#)

Presenter/Speaker: [Paolo Rocchi](#)

Presenter/Speaker: [Eugene Komaroff](#)

Measuring Inflation in a Small Island Economy: The Jersey Retail Prices Index

Author: [Dan Edmunds](#)

Regional disparities and vulnerable groups in food poverty: Sub-national evidence from Italy during high inflation

Author: [Ilaria Benedetti](#)

Foreign Exchange Stability and Network Effects in Advanced and Emerging Currencies

Author: [Gabor David Kiss](#)

Participants:

Presenter/Speaker: [Ilaria Benedetti](#)

Chair: [Juana Sanchez](#)

Presenter/Speaker: [Dan Edmunds](#)

Presenter/Speaker: [Gabor David Kiss](#)

Participants:

Panellist: [Prof. Mark Podolskij](#)

Organiser: [Elisabetta Carfagna](#)

Panellist: [Ralf Münnich](#)

Panellist: [Francesco Palumbo](#)

Panellist: [Fabrizio Ruggeri](#)

Panellist: [Matilde Bini](#)

Participants:

Presenter/Speaker: [Gianna Serafina Monti](#)

Discussant: [Chiodi Marcello](#)

Organiser: [Michele Gallo](#)

Presenter/Speaker: [Chiara Passamonti](#)

Presenter/Speaker: [Violetta Simonacci](#)

Thursday, 4 June 2026

08:30–10:10

IPS 1178 - Exploring distributional insights: advancing income, wealth, and consumption analysis in the context of the G20 Data Gap Initiative

IPS
Meeting Room 103

Distributional income accounts for households – methodological challenges and exploratory results

Author: [Ricarda Senger](#)

Distributional wealth accounts for households – results and use cases

Author: [Alexander Erler](#)

First results on the joint distribution of income and wealth in Italy consistent with national accounts

Author: [Matteo Spuri](#)

The joint distribution of income, wealth, and consumption in Germany

Author: [Tobias Schmidt](#)

Participants:

Organiser: [Bruno Tissot](#)

Chair: [Robert Kirchner](#)

Presenter/Speaker: [Tobias Schmidt](#)

Presenter/Speaker: [Alexander Erler](#)

Presenter/Speaker: [Ricarda Senger](#)

Presenter/Speaker: [Matteo Spuri](#)

08:30–10:10

IPS 1253 - Correspondence analysis and its Related Methods in Archaeology

IPS
Meeting Room 102

A Generalisation of the Cressie-Read family of Statistics and Three-Way Correspondence Analysis for Archaeological Data

Author: [Rosaria Lombardo](#)

Correspondence Analysis in Archaeology: who, when, why and what for?

Author: [Kris Lockyear](#)

Distance-based methods for archaeological data

Author: [Michel Van de Velden](#)

Participants:

Presenter/Speaker: [Rosaria Lombardo](#)

Presenter/Speaker: [Michel Van de Velden](#)

Organiser: [Eric Beh](#)

Discussant: [Gianmarco Alberti](#)

Presenter/Speaker: [Kris Lockyear](#)

Chair: [Michele Gallo](#)

Presenter/Speaker: [Kris Lockyear](#)

08:30–10:10

IPS 1263 - Measuring and Modeling Gender Dynamics: Advances in Statistical Methods for Education and Social Science

IPS
Meeting Room 5

Cultural and Intergenerational Dynamics of Trust in Female Scientists: Evidence from Five Countries

Author: [Valentina Rotondi](#)

Ethics, Gender and AI: Statistical Methods for Fairness in Data-Driven Social Sciences

Author: [Johannes Bleher](#)

Gender as a Moderator in Education Production Functions: A Graphical Modeling Approach Using Students' Careers

Author: [Federica Nicolussi](#)

Uncovering Hidden Gender Bias in STEM Evaluations: A Differential Item Functioning Approach

Author: [Ingrid Mauerer](#)

Participants:

Chair: [Prof. Ksenija Dumcic](#)

Organiser: [Flaminia Musella](#)

Presenter/Speaker: [Ingrid Mauerer](#)

Presenter/Speaker: [Federica Nicolussi](#)

Presenter/Speaker: [Valentina Rotondi](#)

Presenter/Speaker: [Johannes Bleher](#)

08:30–10:10

IPS 1279 - Local Data, Real-World Impact: Innovative Small Area Estimation for Public Health and Social Policy

IPS
Meeting Room 6

A Spatial Fay Herriot Model when Auxiliary Variables are Measured with Error

Author: [Angelo Moretti](#)

Coarsened data in small area estimation: a Bayesian two-part model for mapping smoking behaviour

Author: [Aldo Gardini](#)

M-quantile Area-level Models for Robust Small Area Estimation without Reliance on Design-based Variances

Author: [Maria Bugallo Porto](#)

Small area estimation of categorical indicators using finite mixtures of multinomial logistic regression models

Author: [Maria Francesca Marino](#)

Participants:

Presenter/Speaker: [Angelo Moretti](#)

Organiser: [Gaia Bertarelli](#)

Presenter/Speaker: [Maria Francesca Marino](#)

Presenter/Speaker: [Aldo Gardini](#)

Presenter/Speaker: [Angelo Moretti](#)

Chair: [Monica Pratesi](#)

Presenter/Speaker: [Maria Bugallo Porto](#)

Addressing model discrepancy in emulation and calibration of environmental models

Author: [James Salter](#)

Emulation strategies for systems described by differential equations

Author: [Benn Macdonald](#)

Conformalised Neural Operators for Transferable Super-Resolution

Author: [Lawrence Bull](#)

Structure-preserving Machine Learning of Dynamical Systems: A Case for Smaller Models

Author: [Zack Xuereb Conti](#)

Participants:

Organiser: [Vinny Davies](#)

Presenter/Speaker: [James Salter](#)

Presenter/Speaker: [Benn Macdonald](#)

Presenter/Speaker: [Zack Xuereb Conti](#)

Presenter/Speaker: [Lawrence Bull](#)

Analysis of the Household Budget Survey: A Distributional Data Approach

Author: [Prof. Paula Brito](#)

Clustering geo-referenced time series through the Gromov–Wasserstein distance

Author: [Antonio Balzanella](#)

Symbolic networks

Author: [Vladimir Batagelj](#)

Riemannian Principal Component Analysis for Interval-Valued Variables

Author: [Oldemar Rodriguez Rojas](#)

Participants:

Chair: [Prof. Rosanna Verde](#)

Presenter/Speaker: [Prof. Paula Brito](#)

Presenter/Speaker: [Vladimir Batagelj](#)

Organiser: [Rosanna Verde](#)

Presenter/Speaker: [Antonio Balzanella](#)

Presenter/Speaker: [Jennifer Lobo](#)

08:30–10:10

IPS 1292 - Modern Methods for Anomalies and Extremes in Diverse Environmental Data Types

IPS
Meeting Room 101

Estimation of a multivariate von Mises distribution for contaminated torus data

Author: [Giulia Bertagnolli](#)

Network-Aware Functional Regression with Conformal Prediction

Author: [Elvira Romano](#)

Tail-Calibrated Quantile Treatment Effects for Extreme Event Attribution

Author: [Daniela Castro-Camilo](#)

Participants:

Organiser: [Amira Sherif M. Elayouty](#)

Discussant: [Ethel Marian Scott](#)

Presenter/Speaker: [Daniela Castro-Camilo](#)

Presenter/Speaker: [Elvira Romano](#)

Presenter/Speaker: [Giulia Bertagnolli](#)

10:10–10:30

Comfort Break

Comfort Break
Corridor LO and
Corridor L1

10:30–11:30

CPS 07 Time Series Applications

CPS
Meeting Room 2

An overview of unit ARMA-like models for bounded time series and their usefulness in forecasting relative humidity

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

Characterizing the impact of vegetation pests in Southern Italy through advanced time series analysis of satellite data

Author: [Luciano Telesca](#)

Locally stationary time series – a Bayesian nonparametric approach with applications to gravitational wave data

Author: [Renate Meyer](#)

Participants:

Chair: [Noel Cressie](#)

Presenter/Speaker: [Renate Meyer](#)

Presenter/Speaker: [Professor Dr. Renata Rojas Guerra](#)

Presenter/Speaker: [Luciano Telesca](#)

From Principles to Practice: Embedding Quality in Modern Statistical Production

Author: [Christine Tabone](#)

R Package VIM - The new Function vimpute and its Impact on Imputation Quality

Author: [Eileen Vattheuer](#)

Participants:

Chair: [Dr Pedro Luis do Nascimento Silva](#)

Presenter/Speaker: [Christine Tabone](#)

Presenter/Speaker: [Eileen Vattheuer](#)

Algorithmic Bias as Distinct from Mere Data Bias

Author: [Andrew Ackerman](#)

Sequential Rank and Preference Learning with the Bayesian Mallows Model

Author: [Øystein Sørensen](#)

Simulation-based comparison of frequency seriation techniques for archaeological pottery data

Author: [Andrea Cristina Garcia Angulo](#)

The use of simulation in the teaching of Statistics

Author: [Wessel Hendrik Moolman](#)

Participants:

Chair: [Christophe Croux](#)

Presenter/Speaker: [Andrea Cristina Garcia Angulo](#)

Presenter/Speaker: [Wessel Hendrik Moolman](#)

Presenter/Speaker: [Øystein Sørensen](#)

Presenter/Speaker: [Andrew Ackerman](#)

Machine Learning for Mass Imputation in Structural Business Statistics Using Administrative Data

Author: [Beatriz Abad Martín](#)

Measuring Participation in Intangible Cultural Heritage: A Statistical Analysis of Kiyari Singing in the Ombashira Festival

Author: [TOMOE HAMAZAKI](#)

Participants:

Chair: [Fiona Sammut](#)

Presenter/Speaker: [Beatriz Abad Martín](#)

Presenter/Speaker: [TOMOE HAMAZAKI](#)

Study on Cross Border Data Collection

Author: [Johan van der Valk](#)

The future of data governance in European official statistics

Author: [Karina Miranda](#)

Ideological and geographical patterns in European politics: an archetypoid and spatial analysis of parties and countries

Author: [Marica Manisera](#)

Regional price levels – experimental estimation in Czech NUTS 3 regions

Author: [Jana Fischerova](#)

Participants:

Presenter/Speaker: [Marica Manisera](#)

Chair: [Nedka Dechkova Nikiforova](#)

Presenter/Speaker: [Johan van der Valk](#)

Presenter/Speaker: [Karina Miranda](#)

Presenter/Speaker: [Jana Fischerova](#)

Combining probability and nonprobability samples to estimate linear model coefficients

Author: [Char Hilgers](#)

Possibilities of spatially detailed statistical analysis in grid level integrated datasets

Author: [Ákos Jakobi](#)

Automating Household Expenditure Coding in Official Statistics: A Hybrid and Production-Oriented Approach under Data Scarcity and Label Heterogeneity

Author: [Laura GAIMARD](#)

Participants:

Presenter/Speaker: [Char Hilgers](#)

Presenter/Speaker: [Ákos Jakobi](#)

Chair: [Dimitrios Karlis](#)

Presenter/Speaker: [Laura GAIMARD](#)

Relative Importance Analysis and Its Application to Variable Selection

Author: [Argon Chen](#)

Zero-augmented quasi-gamma spatial model with influential diagnostics

Author: [Fernanda De Bastiani](#)

Participants:

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

Presenter/Speaker: [Argon Chen](#)

Short Description

11:00 Relative Importance Analysis and Its Application to Variable Selection

Author: [Argon Chen](#)

11:10 Zero-augmented quasi-gamma spatial model with influential diagnostics

Author: [Fernanda De Bastiani](#)

Participants:

Organiser: [Lydia Troup](#)

Presenter/Speaker: [Andrew Formosa](#)

Short Description

As challenges facing National Statistics Offices become more complex, geographic information system (GIS) software enriched with AI is the key technology to meet the moment.

GIS software analyzes complex systems and vast datasets to enhance operations and improve output data accuracy and usability. Enhanced with AI capabilities, GIS analysis delivers insights faster and at unprecedented scale, enabling greater automation, prediction, and optimization.

Participants will learn the fundamentals of GeoAI, including extracting features from imagery with deep learning and running predictive analytics using spatial statistics AI tools.

We will also dive into LLMs and generative AI and create apps to explore data using natural language.

Participants:

Panellist: Oliver J. M Chinganya

Panellist: Dr Luca Di Gennaro

Chair: Tony Labillois

Panellist: Francesca Perucci

Discussant: Elizabeth Lockwood

Crumbs Make a Loaf: Using Product Price Data to Nowcast Food Inflation

Author: Sarah Spiteri

Forecasting with AI: A Deep Learning Approach to Time Series Analysis of Malta's Foreign Trade

Author: Roxanne Spiteri

Using T2 Big Data to Evaluate Cyber Vulnerabilities: An Empirical Case Study

Author: Matteo Panfilo

Causality-Preserving Information-Theoretic Smoothing: For Financial Time Series Forecasting.

Author: Mohamed Yagob

Participants:

Organiser: Karen Caruana

Presenter/Speaker: Mohamed Yagob

Presenter/Speaker: Sarah Spiteri

Presenter/Speaker: Roxanne Spiteri

Chair: Alan Cassar

Presenter/Speaker: Matteo Panfilo

11:30–13:10

IPS 1255 - From Text to Code: How Insee has integrated AI and ML for Text Classification and Information Retrieval

IPS
Meeting Room 101

A human-in-the-loop method for classifying short survey free-text responses in official statistics

Author: [Mélina Hillion](#)

From "it worked on my notebook" to production-ready machine learning: bridging the gap with MLOps

Author: [Mr Lino Galiana](#)

When Classifications Change but Deadlines Don't: Scaling Recoding with LLMs

Author: [Julien PRAMIL](#)

torchTextClassifiers: a unified framework for text classification with PyTorch, from a MLOps perspective

Author: [Meilame Tayebjee](#)

Participants:

Presenter/Speaker: [Mr Lino Galiana](#)

Presenter/Speaker: [Mélina Hillion](#)

Presenter/Speaker: [Meilame Tayebjee](#)

Presenter/Speaker: [Julien PRAMIL](#)

11:30–13:10

IPS 1258 - Advances in Robust Statistical Inference for High-Dimensional Data

IPS
Meeting Room 4

Collective Outlier Detection and Enumeration with Conformalized Closed Testing

Author: [Chiara Gaia Magnani](#)

Post-Selection Inference for Multiverse Analysis in Mixed-Effects Model

Author: [Anna Vesely](#)

Localized Cluster Enhancement: TFCE Revisited with Valid Error Control

Author: [Samuel Davenport](#)

Participants:

Organiser: [Angela Andreella](#)

Presenter/Speaker: [Anna Vesely](#)

Presenter/Speaker: [Chiara Gaia Magnani](#)

Presenter/Speaker: [Samuel Davenport](#)

11:30–13:10

IPS 1273 - New paradigms and challenges of sampling statistics in the digital era

IPS
Meeting Room 103

Characterisation of the Conditions For Obtaining Exact Balanced Sampling

Author: Yves Tillé

Improving stratified sampling designs in the digital era

Author: Cristiano Ferraz

Potential applications of the Bootstrap method in non-probability samples

Author: Jorge Luis Rueda-Sánchez

Participants:

Presenter/Speaker: Dr Cristiano Ferraz

Discussant: Fulvia Mecatti

Presenter/Speaker: Cristiano Ferraz

Presenter/Speaker: Yves Tillé

Chair: Gaia Bertarelli

Presenter/Speaker: Jorge Luis Rueda-Sánchez

Short Description

Organiser: Fulvia Mecatti

11:30–13:10

IPS 1286 - AI and Advanced Statistical Modelling in Digital Health. Applications to brain tumors (Y-BIS/ISBIS)

IPS
Meeting Room 102

A Lightweight and Interpretable Machine Learning Framework as a Robust Alternative to Deep Learning in Medical Image Classification

Author: Zeynep Filiz Eren

Decoding the content of working memory with functional data analysis

Author: Nihan Acar Denizli

Detection of EGFR Gene Mutations in Brain Tumors: Leveraging Information Complexity for AI-Based Decision Support Systems

Author: Ozan Kocadagli

Participants:

Discussant: Matilde Bini

Presenter/Speaker: Ozan Kocadagli

Presenter/Speaker: Nihan Acar Denizli

Presenter/Speaker: Zeynep Filiz Eren

11:30–13:10

IPS 1296 - Recent Progress in the Development of Statistical Registers in Europe

IPS
Meeting Room 2

Developing the Statistical Infrastructure for Frames and Population Datasets at CSO, Ireland

Author: [Sorcha OCallaghan](#)

The French Statistical Register of Individuals and Dwellings (RESIL)

Author: [Hien Pham](#)

Spain: A 50 Million-Inhabitant country with an Annual Register-Based census

Author: [Jorge Vega](#)

Participants:

Discussant: [Mr Jean-Michel Durr](#)

Organiser: [Jean-Michel Durr](#)

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

Presenter/Speaker: [Romain Avouac](#)

Presenter/Speaker: [Jorge Vega](#)

Presenter/Speaker: [Hien Pham](#)

Presenter/Speaker: [Sorcha OCallaghan](#)

13:10–14:40

Lunch

Lunch
TBC

14:40–16:20

IPS 1166- Statistical Methods for Analyzing Intensive Longitudinal Data in the Social Sciences

IPS
Meeting Room 5

Applications and Outlook for Continuous Time Dynamic Models in Psychology

Author: [Charles Driver](#)

Embracing Measurement Model Dynamics with Latent Markov Factor Analysis

Author: [Leonie Vogelsmeier](#)

Investigating different aspects of heterogeneity in temporal dynamics with a time-varying coefficient formulation of the multivariate normal

Author: [Esther Ulitzsch](#)

Person-specific time-varying parameters in hierarchical Bayesian time series models

Author: [Ethan M. McCormick](#)

Participants:

Organiser: [Øystein Sørensen](#)

Presenter/Speaker: [Leonie Vogelsmeier](#)

Presenter/Speaker: [Ethan M. McCormick](#)

Presenter/Speaker: [Esther Ulitzsch](#)

Presenter/Speaker: [Charles Driver](#)

Modeling nonstationary spatial processes with normalizing flows

Author: [Andrew Zammit Mangion](#)

Neural Simulation-Based Inference for Parameter Estimation and Conditional Simulation with Complex Spatial Processes

Author: [Mikael Kuusela](#)

Simulation-based inference for trawl processes

Author: [Raphael Huser](#)

Spatio-temporal modeling and forecasting with Fourier neural operators (FNOs)

Author: [Noel Cressie](#)

Participants:

Presenter/Speaker: [Noel Cressie](#)

Presenter/Speaker: [Raphael Huser](#)

Presenter/Speaker: [Andrew Zammit Mangion](#)

Chair: [Andrew Zammit Mangion](#)

Presenter/Speaker: [Mikael Kuusela](#)

Improved Inference by optimal transport when data are scarce.

Author: [Prof. Stefan Sperlich](#)

Investigating Missing Not at Random Mechanisms in Ecological Momentary Assessment: An Exploratory Analysis of Swiss Adolescent EMA Data

Author: [Setareh Ranjbar](#)

Modeling temporal changes in small area incomes under a random regression coefficients two-fold Fay-Herriot model

Author: [Naomi Diz Rosales](#)

Participants:

Presenter/Speaker: [Prof. Stefan Sperlich](#)

Organiser: [Katarzyna Reluga](#)

Chair: [Katarzyna Reluga](#)

Presenter/Speaker: [Setareh Ranjbar](#)

Presenter/Speaker: [Song Liu](#)

Presenter/Speaker: [Naomi Diz Rosales](#)

14:40–16:20

IPS 1265 - Visible and invisible inequalities: insights on data and methods

IPS
Meeting Room 101

Digital Poverty in Italy: new measures and regional comparisons among Young People (6-19 years)

Author: Antonella D'Agostino

Dispersion in the distribution of primary income or gross wage at the regional level in the EU

Author: Angeles Sanchez

Participants:

Chair: Monica Pratesi

Organiser: Monica Pratesi

Discussant: Gaia Bertarelli

Presenter/Speaker: Etienne Caurana

Presenter/Speaker: Angeles Sanchez

Presenter/Speaker: Antonella D'Agostino

14:40–16:20

IPS 1272 - Innovations in Territorial Statistics for social impact

IPS
Meeting Room 3

Developing urban and rural indicators to support evidence-based policies

Author: Teodóra Brandmüller

Do services and tourism reduce population loss in functional rural areas in the EU?

Author: Lewis Dijkstra

Measuring accessibility to essential services by looking at travel times

Author: Joana Malta

Towards meaningful comparisons of inequalities in accessibility to services: A review of recent OECD work

Author: Ana Moreno Monroy

Participants:

Presenter/Speaker: Teodóra Brandmüller

Presenter/Speaker: Lewis Dijkstra

Presenter/Speaker: Lewis Dijkstra

Chair: Petre Turliu

Presenter/Speaker: Joana Malta

Presenter/Speaker: Ana Moreno Monroy

14:40–16:20

IPS 1276 - The vISIon, The New Magazine of The International Statistical Institute

IPS
Meeting Room 102

Participants:

Organiser: Dr Luca Di Gennaro

Chair: Fabrizio Ruggeri

Panellist: Manuele Leonelli

Best practices from the ISLP Network for the promotion of statistical literacy

Author: [Elisa Falck](#)

Statistics Portugal's best practices in promoting statistical literacy: cooperation, communication and ethical dimensions

Author: [Jose Martins](#)

Understanding Data in Everyday Life: The role of the National Statistics Office

Author: [Lara Friggieri Cordina](#)

ISI Academy as a promoter of statistical literacy and capacity building

Author: [Conchita Kleijweg](#)

Participants:

Organiser: [Ms Reija Helenius](#)

Presenter/Speaker: [Fabrizio Ruggeri](#)

Presenter/Speaker: [Conchita Kleijweg](#)

Presenter/Speaker: [Jose Martins](#)

Presenter/Speaker: [Elisa Falck](#)

Discussant: [Juana Sanchez](#)

Presenter/Speaker: [Lara Friggieri Cordina](#)

A Sparse weighted consensus method for multi-view clustering

Author: [Ndèye Niang](#)

Adaptive distance-based clustering of spatial interval-valued time series

Author: [Raffaele Mattera](#)

Participants:

Presenter/Speaker: [Orietta Nicolis](#)

Presenter/Speaker: [Paula Moraga](#)

Presenter/Speaker: [Ndèye Niang](#)

Organiser: [Antonio Balzanella](#)

Presenter/Speaker: [Raffaele Mattera](#)

16:40–17:40 **SIPS 1210 - Advances in computational statistics: European perspectives and innovations**

SIPS
Meeting Room 5

Participants:

Presenter/Speaker: Maria Brigida Ferraro
Presenter/Speaker: Bojana Milosevic
Organiser: Ana Belen Ramos Guajardo
Presenter/Speaker: Kalliopi Mylona
Presenter/Speaker: Eva Cantoni

16:40–17:40 **SIPS 1221 - Novel Approaches and Real-life Applications in Data Analysis**

SIPS
Meeting Room 4

Participants:

Organiser: Monique Borg Inguanez
Presenter/Speaker: David Paul Suda
Presenter/Speaker: Mishayel Rivoltini
Presenter/Speaker: Liberato Camilleri
Presenter/Speaker: Mr. Matt Attard
Chair: Fiona Sammut

16:40–17:40 **SIPS 1257 - Statistics and Data Science in Sports**

SIPS
Meeting Room 3

Participants:

Presenter/Speaker: Andreas Groll
Discussant: Paola Zuccolotto
Organiser: Marica Manisera
Presenter/Speaker: Dimitrios Karlis
Presenter/Speaker: Daniel Fernández

16:40–17:40 **SIPS 1340 - Industrial Process Monitoring with Streaming and High-Dimensional Data**

SIPS
Meeting Room 2

Participants:

Presenter/Speaker: Sotiris Bersimis
Presenter/Speaker: Mengyi Gong
Presenter/Speaker: Christian Capezza
Organiser: BIAGIO PALUMBO

16:40–17:40 SIPS 1372 - From Data to Policy: Is There Evidence? Rethinking Representativity and Quality in Contemporary Data Landscapes

SIPS
Meeting Room 103

Participants:

Presenter/Speaker: Ralf Münnich
Presenter/Speaker: Denise Britz do Nascimento Silva
Chair: Gaia Bertarelli
Organiser: Gaia Bertarelli
Discussant: Stefano Campostrini

16:40–17:40 SIPS 1387 - Business and Industrial Statistics in the era of data science

SIPS
Meeting Room 101

Comparing Control and Treatment Groups Using Regression and Mixture Models

Author: Daniel Jeske

Dynamic Modelling of Irregular Block Count Time Series

Author: Rosanna Verde

In-work poverty rate in EU countries over the period 2013–2024.

Author: Matilde Bini

Participants:

Organiser: Elisabetta Carfagna
Presenter/Speaker: Prof. Rosanna Verde
Presenter/Speaker: Daniel Jeske
Presenter/Speaker: Matilde Bini
Presenter/Speaker: Rosanna Verde

Short Description

This session, organized under the auspices of the International Society for Business and Industrial Statistics (ISBIS) and the ISI Special Interest Group on data Science, presents statistical and data-driven cutting-edge methodologies capable to bridge theoretical innovation with practical application in various fields. Applications range from assessing the determinants of the poverty rate among workers in EU countries, considering heterogeneity across countries and over time, to comparing control and treatment groups through a generalized treatment effect model. Furthermore, irregular time series, each with different local temporal dynamics, are analysed in a block time series framework for count data with an application to astronomical X-ray binary (XRB) time series.

16:40–17:40 SIPS 1389 - Putting Statistical Modernisation into Practice at the National Statistics Office, Malta

SIPS
Meeting Room 6

Participants:

Discussant: Etienne Caruana
Organiser: Dorothy Galea Gauci
Presenter/Speaker: Mikhail Azzopardi
Presenter/Speaker: David Paul Dimech
Presenter/Speaker: Denise Magrin

Friday, 5 June 2026

08:30–10:10

IPS 1231- Environment and gender population dynamics: What is the nexus on global and regional level?

IPS
Meeting Room 3

Analyzing total fertility rate by environmental, demographic, and economic indicators: Hierarchical cluster analysis for selected European countries

Author: Prof. Blagica Novkovska

Longitudinal study of the impact of environmental and social factors on rural migrations: Insights from Vojvodina

Author: Natalija Miri

The Immigration Index: How can it be modelled?

Author: Marina Ignjatovi

Participants:

Organiser: Miss Milica Maricic

Discussant: Prof. Ksenija Dumcic

Presenter/Speaker: Prof. Blagica Novkovska

Presenter/Speaker: Natalija Miri

Presenter/Speaker: Marina Ignjatovi

08:30–10:10

IPS 1280 - Innovative survey methods for the public good

IPS
Meeting Room 103

Causal Inference and External Validity in Observational Studies: Methodological Challenges for Modern Health Research

Author: Clelia Di Serio

Multiple Frame Surveys: from original roots to digital-era reassessment

Author: Fulvia Mecatti

Survey Futures programme in the UK and the Effectiveness of the knock-to-nudge approach for establishing contact with respondents

Author: Olga Maslovskaya

Participants:

Discussant: Dr Luca Di Gennaro

Organiser: Denise Britz do Nascimento Silva

Presenter/Speaker: Fulvia Mecatti

Presenter/Speaker: Olga Maslovskaya

Presenter/Speaker: Clelia Di Serio

Bias and Explainability for Software Engineering in the Age of LLMs

Author: [Francesco Sovrano](#)

Explanation Types Revisited: From Counterfactuals to Ensure-enabled Explanations in the Confidence–Uncertainty Space

Author: [Tuwe Löfström-Cavallin](#)

Trustworthy AI in Automotive Ecosystems: A Distributed Responsibility Perspective Grounded in Statistical Reliability

Author: [Fatima Rabia Yapicioglu](#)

Participants:

Organiser: [Elisabetta Carfagna](#)

Presenter/Speaker: [Francesco Sovrano](#)

Presenter/Speaker: [Fatima Rabia Yapicioglu](#)

Presenter/Speaker: [Tuwe Löfström-Cavallin](#)

Discussant: [Fabio Vitali](#)

Flexible Deep Neural Networks for Partially Linear Survival Data

Author: [Malka Gorfine](#)

Inference for Deep Neural Network Estimators in Generalized Nonparametric Models

Author: [Yi Li](#)

Trustworthy and Reliable Post-Estimation Strategies for Sparse Regression Models

Author: [Syed Ejaz Ahmed](#)

Participants:

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

Presenter/Speaker: [Yi Li](#)

Presenter/Speaker: [Mulugeta Gebregziabher](#)

Chair: [Subharup Guha](#)

Presenter/Speaker: [Malka Gorfine](#)

Adding the where to official statistics: Geocoding the 2005 and 2011 Population and Housing Census on the 1km² grid

Author: Andrew Formosa

Increase census efficiency and unlock new insights using GIS and AI

Author: Lydia Troup

Participants:

Chair: Prof. Rosanna Verde

Presenter/Speaker: Lydia Troup

Presenter/Speaker: Andrew Formosa

A Bahadur Representation of the Quantile Estimator for Length-biased Sampling in Finite Populations

Author: Hitoshi MOTOYAMA

Riemannian Principal Component Analysis

Author: Oldemar Rodriguez Rojas

Participants:

Chair: Syed Ejaz Ahmed

Presenter/Speaker: Oldemar Rodriguez Rojas

Presenter/Speaker: Hitoshi MOTOYAMA

A Bayesian Mixture Model for Monitoring Traffic Crash Trends, An Application to Crash Severity in City of Cape Town, South Africa

Author: [Sebnem Er](#)

Design of Experiments for Studying Battery Lifetimes: from Split-Plot to Hierarchical D-Optimal Designs

Author: [Nedka Dechkova Nikiforova](#)

Reflections and Practices on Statistical Monitoring of the Core Artificial Intelligence Industry

Author: [Yunjie Geng](#)

Regression-Based Control Charts for Detecting Railway Delay Propagation

Author: [Bruna Palm](#)

Participants:

Presenter/Speaker: [Sebnem Er](#)

Presenter/Speaker: [Yunjie Geng](#)

Presenter/Speaker: [Bruna Palm](#)

Presenter/Speaker: [Nedka Dechkova Nikiforova](#)

Chair: [BIAGIO PALUMBO](#)

Understanding Society: A Multilevel Analysis of Anaemia Among Older Adults in England, 2022

Author: [Ngianga Il Kandala](#)

Cervical cancer screening predictors in Tanzania: A Variance component models' approach of national survey 2022

Author: [Jovin Tibenderana](#)

Smoking status and depressive symptoms: which way does the arrow point?

Author: [Lloyd Balbuena](#)

Participants:

Chair: [Monique Borg Inguanez](#)

Presenter/Speaker: [Lloyd Balbuena](#)

Presenter/Speaker: [Jovin Tibenderana](#)

Presenter/Speaker: [Ngianga Il Kandala](#)

When Food Waste Quantification Falls Short: An Exploratory Study of AI-Assisted Measurement

Author: [Mengting Yu](#)

Sector Enrichment of Corporate Payment Transactions Data Using Large Language Models

Author: [Irfan Sampe](#)

Participants:

Presenter/Speaker: [Mengting Yu](#)

Chair: [Paola Zuccolotto](#)

Presenter/Speaker: [Vania Pramuditha](#)

Investment Capacity of the Country's Economy

Author: [Teimuraz Beridze](#)

The Relationship Between Corporate Sustainability and Financial Performance in the European Union – A Panel Regression Analysis in the Context of CSRD

Author: [Regina Bodó](#)

Comparison of traditional mathematical-statistical methods and machine learning-based systems for predicting corporate bankruptcy

Author: [Tünde Katalin Szántó](#)

Risk-Aware Structured Pruning of Deep Financial Forecasting Models

Author: [ismail ELBOUKNIFY](#)

Participants:

Chair: [Mr Jean-Michel Durr](#)

Presenter/Speaker: [Teimuraz Beridze](#)

Presenter/Speaker: [Regina Bodó](#)

Presenter/Speaker: [Tünde Katalin Szántó](#)

Presenter/Speaker: [ismail ELBOUKNIFY](#)

Improving official statistics in the context of the national accounts: Italy's quarterly general government data by sub-sector

Author: [Maria Saiz](#)

Modeling Geneva Charitable Deductions: Regular Giving and Future Trends

Author: [Marta Pittavino](#)

Participants:

Chair: [Marica Manisera](#)

Presenter/Speaker: [Maria Saiz](#)

Presenter/Speaker: [Marta Pittavino](#)

The Bayesian Way to Elementary Statistics

Author: [Mary Gray](#)

The Use of Generative AI Systems from the Perspective of Law Students

Author: [Vivien Kardos](#)

Unveiling Student Perspectives on Project-Based Learning through comprehensive NLP Analysis in Statistics and Data Science Education

Author: [Anna Khalemsky](#)

Participants:

Presenter/Speaker: [Mary Gray](#)

Chair: [Fulvia Mecatti](#)

Presenter/Speaker: [Anna Khalemsky](#)

Presenter/Speaker: [Vivien Kardos](#)

BAYAAN the Unified Platform: Revolutionizing Decision-Making through AI-Powered Intelligence

Author: [Fatima Al Mehairbi](#)

Beyond Access: Actionable Digital Divide Diagnostics from Household Survey Data

Author: [Ms Linah waitherero Ngumba](#)

Bridging Academia and Industry through Experiential Learning Embedding Hackathons in the Statistics Education Curriculum

Author: [Rukia Nuermaimaiti](#)

Participants:

Presenter/Speaker: [Ms Linah waitherero Ngumba](#)

Presenter/Speaker: [Rukia Nuermaimaiti](#)

Presenter/Speaker: [Fatima Al Mehairbi](#)

Short Description

11:00 BAYAAN the Unified Platform: Revolutionizing Decision-Making through AI-Powered Intelligence

Author: [Fatima Al Mehairbi](#)

11:10 Beyond Access: Actionable Digital Divide Diagnostics from Household Survey Data

Author: [Ms Linah waitherero Ngumba](#)

11:20 Bridging Academia and Industry through Experiential Learning Embedding Hackathons in the Statistics Education Curriculum

Author: [Rukia Nuermaimaiti](#)

Scalable Bayesian Phylogenetic Models Capturing Within-Species Trait Variation to Predict Climate Adaptation

Author: [Emily Davison](#)

Climate change and its Impact on Agriculture and food security in GCC countries: A statistical Insight

Author: [Ms Ibtihaj Alsiyabi](#)

Participants:

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

Chair: [David Paul Suda](#)

Presenter/Speaker: [Emily Davison](#)

Strengthening Trust in Official Statistics through Quality Assurance and Citizen-Generated Data: Evidence from Kenya

Author: [cecilia punyua](#)

Regional Data in the Future System of Official Business Statistics

Author: [Simon Rommelspacher](#)

Participants:

Chair: [Dr Pedro Luis do Nascimento Silva](#)

Presenter/Speaker: [cecilia punyua](#)

Presenter/Speaker: [Simon Rommelspacher](#)

Ring-a-ring-a-Data: Well-being Indicators with Children at the Heart

Author: [Rina Camporese](#)

Spatial variation and risk factors of the triple burden of childhood stunting, anemia and low birthweight in India

Author: [Dhiman Bhadra](#)

Application of Alternative Multivariate Exponential Power Distribution in Machine Learning Framework for Modeling Maternal Delivery Outcomes

Author: [Michael manford](#)

Participants:

Chair: [Elisabetta Carfagna](#)

Presenter/Speaker: [Dhiman Bhadra](#)

Presenter/Speaker: [Rina Camporese](#)

Presenter/Speaker: [Michael manford](#)

11:30–12:30 **CPS 35 Inference II**

SIPS
Meeting Room 103

High-Dimensional Feature Selection via Conditional Characteristic Function with Interaction Effects

Author: Amira Al Salhi

Scalable M-Estimation for Generalized Linear Latent Variable Models

Author: Maria-Pia Victoria-Feser

Participants:

Chair: Bojana Milosevic

Presenter/Speaker: Amira Al Salhi

Presenter/Speaker: Maria-Pia Victoria-Feser

11:30–12:30 **SIPS 1266 - Modern Methods for Smarter Data: From Metadata to Data Quality Techniques in Central Bank Statistics**

SIPS
Meeting Room 3

Participants:

Presenter/Speaker: Ibrahim Cagan Kaya

Presenter/Speaker: Sarah Axiaq

Organiser: Karen Caruana

Presenter/Speaker: Giulia Maria Tabone

11:30–12:30 **SIPS 1360 - Statistical Innovation for Complex Data and Inference**

SIPS
Meeting Room 4

Participants:

Presenter/Speaker: Jing Zhou

Presenter/Speaker: Diego Nascimento

Organiser: Andrea Cristina Garcia Angulo

11:30–12:30 **SIPS 1364 - Read to Lead: Empowering Statisticians through Leadership Books**

SIPS
Meeting Room 2

Participants:

Presenter/Speaker: Prof. Ksenija Dumcic

Chair: Prof. Blagica Novkovska

Organiser: Amanda Golbeck

Presenter/Speaker: Jessica Utts

Presenter/Speaker: James Cochran

12:30–14:00 **Lunch**

Lunch
TBC

14:00–15:40

IPS 1115- Machine Learning and Artificial Intelligence for Official Statistics: Securing and Protecting Confidentiality

IPS
Meeting Room 5

Participants:

Presenter/Speaker: Dr Chigozie Kelechi Acha

Organiser: Dr Osulale Peter Popoola

Chair: Osulale Peter Popoola

Presenter/Speaker: Kumafan Shdrach Dzaan

Presenter/Speaker: Victoria Irenonse

14:00–15:40

IPS 1218- Showcasing Technical Research by Women in Statistical Science in Portugal

IPS
Meeting Room 2

Bias reduction frameworks for generalized Hill estimators

Author: Lígia Henriques-Rodrigues

Prediction and Analysis of Groundwater Drought Class Transitions using Log-linear Models and ANOVA

Author: Elsa Moreira

Spatio-temporal modelling of fish species distribution

Author: Raquel Menezes

Toward Robust Tree-Based Ensemble Learning for Genomic Prediction

Author: Dr Vanda Lourenco

Participants:

Presenter/Speaker: Dr Vanda Lourenco

Chair: Amanda Golbeck

Presenter/Speaker: Raquel Menezes

Presenter/Speaker: Lígia Henriques-Rodrigues

Presenter/Speaker: Elsa Moreira

Presenter/Speaker: Lígia Henriques-Rodrigues

14:00–15:40

IPS 1233 - Methods and Applications of Statistical Data Fusion and Integration

IPS
Meeting Room 6

Bayesian multi-observation latent Gaussian models with inlabru

Author: [Finn Kristian Lindgren](#)

Combining Efforts: Integrating Citizen Science and Survey Data using inlabru

Author: [Jafet Belmont Osuna](#)

GHR tools: streamlining climate and health workflows including data harmonization, modelling and early warning systems

Author: [Carles Milà](#)

Participants:

Presenter/Speaker: [Finn Kristian Lindgren](#)

Organiser: [Gong Zhang](#)

Presenter/Speaker: [Jafet Belmont Osuna](#)

Presenter/Speaker: [Carles Milà](#)

14:00–15:40

IPS 1270 - Statistically Principled Environmental AI

IPS
Meeting Room 103

Participants:

Panellist: [Noel Cressie](#)

Panellist: [Raphael Huser](#)

Panellist: [Ethel Marian Scott](#)

Organiser: [Daniela Castro-Camilo](#)

Discussant: [Tiffany Vlaar](#)

14:00–15:40

IPS 1274 - Intersectionality and Citizens' Data: Building Inclusive Data Systems for Inclusive Decision-Making

IPS
Meeting Room 102

Disaggregated Data in Canada: Leveraging Citizen Data to Complement Official Statistics

Author: [Tony Labillois](#)

Intersectional Data and Persons with Disabilities

Author: [Elizabeth Lockwood](#)

Participants:

Discussant: [Dr Luca Di Gennaro](#)

Chair: [Francesca Perucci](#)

Presenter/Speaker: [Tony Labillois](#)

Presenter/Speaker: [Juilio Lopez](#)

Presenter/Speaker: [Elizabeth Lockwood](#)

Presenter/Speaker: [Alistair DeGaetano](#)

14:00–15:40

IPS 1283 - Statistical modelling and machine learning for healthcare and personalized medicine

IPS
Meeting Room 4

Atrial digital twins for in silico trials

Author: [Caroline Roney](#)

Closed-loop effects from vasodilator treatment for pulmonary hypertension: uncertainty quantification using synthetic data with empirical noise

Author: [Agnieszka Borowska](#)

Inference and emulation in cardiac mechanics

Author: [Dirk Husmeier](#)

Participants:

Presenter/Speaker: [Vinny Davies](#)

Presenter/Speaker: [Dirk Husmeier](#)

Presenter/Speaker: [Caroline Roney](#)

Presenter/Speaker: [Caroline Roney](#)

Presenter/Speaker: [Agnieszka Borowska](#)

15:40–16:10

Closing Ceremony

Closing Ceremony
Aula Magna

16:10–16:30

Comfort Break

Comfort Break
Corridor LO and
Corridor L1