

Wednesday 3 June 2026

09:00 – 09:15	Opening Ceremony	Aula Magna
09:15 – 10:00	Plenary Session – Read to Lead: Empowering Statisticians through Leadership Books	Aluna Magna & Aluna Prima
10:00 – 11:00	<p>CPS 01 Household Surveys</p> <ul style="list-style-type: none"> <li>• Sample design for a national household survey to measure ICT access and use in Brazil</li> <li>• A Quality Improvement Initiative for Data Collection in the Brazilian Household Sample Survey</li> <li>• Enhancing Household Survey Participation through Respondent Profiling: A Case Study of the 75–89 Age Group in Slovenia</li> </ul>	Meeting Room 2
10:00 – 11:00	<p>CPS 02 Time Series</p> <ul style="list-style-type: none"> <li>• An ARMA-Type Maxwell Model with Time-Varying</li> <li>• A comparison between initialization strategies for the infinite hidden Markov model</li> </ul>	Meeting Room 3
10:00 – 11:00	<p>CPS 03 Casual Inference and Bayesian Networks</p> <ul style="list-style-type: none"> <li>• Causal Inference for Intervention Spillover in a Cluster-randomized Stepped Wedge Trial</li> <li>• Causal Inference for Latent Class Analysis for Complex Survey Sampling Data</li> <li>• A Difference-in-Differences Framework for Causal Mediation Analysis with Testable Assumptions and Multiple Ordered Mediators</li> <li>• Modeling Voter Turnout with Bayesian Networks: Evidence from the 2022 Italian Parliamentary Election</li> </ul>	Meeting Room 4
10:00 – 11:00	<p>CPS 04 Dissemination Communication Software</p> <ul style="list-style-type: none"> <li>• The Bulgarian Approach in Communicating Official Statistics with Various User Groups</li> <li>• An ESCB pilot project for sharing confidential information with researchers</li> <li>• Automating Data Dissemination Support: Balancing Accuracy and Institutional Style with Generative AI</li> <li>• MLUtils: an Official Statistics oriented common interface for Machine Learning</li> </ul>	Meeting Room 5

10:00 – 11:00	<p><b>CPS 05 Healthcare</b></p> <ul style="list-style-type: none"> <li>• Spatially Penalized AUC Maximization for Personalized Federated Learning</li> <li>• Biostatistical Competencies and Attitudes in Health Research: Insights from a Delphi Study</li> <li>• Online estimation of uncertainty-aware indicators for assessing epidemic severity</li> </ul>	Meeting Room 102
10:00 – 11:00	<p><b>CPS 22 Students I</b></p> <ul style="list-style-type: none"> <li>• Bridging Academia and Industry through Experiential Learning: Embedding Hackathons in the Statistics Education Curriculum</li> <li>• Hungarian Higher Education in the Age of Digitalization: Students' Assessment of their Digital Competence by Field of Study at the University of Szeged</li> <li>• Impact Assessment of the Bolsa Presença Program Using Propensity Score Weighting</li> <li>• Project work with AI in introductory Statistics Courses</li> </ul>	Meeting Room 101
10:00 – 11:00	<p><b>CPS Poster Session 01</b></p> <ul style="list-style-type: none"> <li>• Looking forward: GIS-Based population Modeling in Australia</li> <li>• Sampling Population Networks at Scale: An Adaptive Framework for Demographic and Socio-Economic Analysis</li> <li>• Untangling the Democracy-Data-Development Relationship: A Dynamic Two-Stage Panel Analysis</li> </ul>	Corridor L1
11:00 – 11:20	Comfort Break	Corridor LO & Corridor L1
11:20 – 13:00	<p>IPS 1179 – Data quality through dual reporting and cross-verification in financial micro-data</p> <ul style="list-style-type: none"> <li>• Enhancing Data Quality in Financial Micro-Data: Insights from EMIR and MMSR Dual-Sided Reporting. (Grzegorz Skrzypczynski)</li> <li>• Improving Financial Data Quality through Dual Reporting and Rule-Based Matching: Evidence from a Central Bank Transaction Reporting System. (Milla Carmellita)</li> <li>• Using mismatches in dual-sided reporting in EMIR to improve DQ. (Murat Menguturk)</li> <li>• Two-sided reporting as a driver of data quality. (Pablo Rovira Kaltwasser)</li> </ul>	Meeting Room 3

11:20 – 13:00	<p>IPS 1187 – Statistical Modeling of Complex Data based on Generalized Additive Models.</p> <ul style="list-style-type: none"> <li>• Scalable Bayesian inference for GAMs</li> <li>• Spatial confounding bias in spatial GAMs.</li> <li>• Spatio-temporal modelling for environmental data.</li> <li>• Visualizing and diagnosing Distributional Generalized Additive Models with Intertwined Linear Predictors.</li> </ul>	Meeting Room 101
11:20 – 13:00	<p>IPS 1189 – Advances in Bayesian Modeling</p> <ul style="list-style-type: none"> <li>• Advances in Bayesian Adversarial Machine Learning.</li> <li>• Latent Factor Multivariate INAR models for Counts.</li> <li>• On a Decision Analysis Framework for Prior Robustness.</li> <li>• Generative Bayesian Computation.</li> </ul>	Meeting Room 102
11:20 – 13:00	<p>IPS 1241 – Learning Dynamic Worlds: Advances in Functional and Spatio-Temporal Data Science</p> <ul style="list-style-type: none"> <li>• Monitoring Covariance Shifts in Multichannel Profiles.</li> <li>• Functional weighting marks for spatial point processes.</li> <li>• Statistical Data Science for Water Catchments.</li> </ul>	Meeting Room 4
11:20 – 13:00	<p>IPS 1249 – Using Artificial Intelligence for Official Statistics.</p> <ul style="list-style-type: none"> <li>• Large language models for COICOP classification in Norway's household budget survey.</li> <li>• Advancing SAS to R translation with Generative AI.</li> <li>• Generative AI for Dissemination: From Metadata to Automated Statistical Narratives at Eurostat.</li> </ul>	Meeting Room 2
11:20 – 13:00	<p>IPS 1262 – Amortizes simulation-based inference</p> <ul style="list-style-type: none"> <li>• Neural inference with Incomplete Data.</li> <li>• Robust Amortized Bayesian Inference with Self-Consistency Losses on Unlabeled Data.</li> </ul>	Meeting Room 5
11:20 – 13:00	<p>IPS 1285 – Novel Statistical Approaches to Risk Analysis for Sustainability and Responsible Decisions.</p> <ul style="list-style-type: none"> <li>• Model-Agnostic interpretability of deep learning models for car emissions assessment</li> <li>• Modeling the Impact of Green AI on Computational Efficiency and Low-Carbon Transitions</li> <li>• A Sustainable Network-Based Approach to Cyber Risk Modelling.</li> </ul>	Meeting Room 6
13:00 – 14:30	Lunch	Level 0 & Level 1

13:00 – 14:30	Lunch	Level 0 & Level 1
14:30 – 16:10	<p>IPS 1177 – Using AI to strengthen data governance</p> <ul style="list-style-type: none"> <li>AI as enabler for comprehensive data governance.</li> <li>Dinping redundancies between data collection: an AI-based approach</li> <li>The AI powered foundation for Data Governance to Strengthen Statistics Department</li> </ul>	Meeting Room 103
14:30 – 16:10	<p>IPS 1224 – Methodological and computational advances in omics data analysis.</p> <ul style="list-style-type: none"> <li>Testing for multivariate association in microbiome multiomics with distance-based mutual information.</li> <li>Topological Data Analysis of Multiplexed Spatial Proteomics Data using TOASTER.</li> </ul>	Meeting Room 102
14:30 – 16:10	<p>IPS 1228 – Whose knowledge Counts? Rethinking Inclusion and Epistemic Justice in Statistics.</p> <ul style="list-style-type: none"> <li>Data Science – a solution to Maths’ EDI issues?</li> <li>Inclusion in Statistics Teaching Practice and Students’ Sense of Belonging.</li> </ul>	Meeting Room 6
14:30 – 16:10	<p>IPS 1230 – Advances in Statistical Learning.</p> <ul style="list-style-type: none"> <li>Exact Solutions to the Sparse Clustering Problem.</li> <li>pdglasso: an R package for Gaussian Graphical Models for paired data.</li> <li>Invariant Coordinate Selection: An Overview and Recent Developments.</li> <li>Multivariate semi-parametric empirical best predictions using latent variable models</li> </ul>	Meeting Room 3
14:30 – 16:10	<p>IPS 1271 – Advances in Deep Learning for Statistical Inference and Generative Modeling.</p> <ul style="list-style-type: none"> <li>Constrained Neural Networks and Their Applications to Nonparametric Regression and Adversarial Learning.</li> <li>Deep Conditional Generative Learning for Optimal Individualized Treatment Rules.</li> <li>Faster Convergence for Diffusion-Based Generative Models.</li> </ul>	Meeting Room 5
14:30 – 16:10	<p>IPS 1275 – Data Quality for Citizen Data</p> <ul style="list-style-type: none"> <li>Rethinking data quality in the age of citizen participation.</li> </ul>	Meeting Room 2

14:30 – 16:10	<p>IPS 1290 – Advances in Multivariate Statistical Hypothesis Testing.</p> <ul style="list-style-type: none"> <li>• Developing a Scale-Invariant Trace Ratio Test for Gaussianity in Complex Matrix Variate Models.</li> <li>• From block-circularity to block-compound symmetry and block-sphericity.</li> <li>• Modified minimum distance estimation in a multiple linear regression model.</li> <li>• Testing Covariance Structures for High Dimensions.</li> </ul>	Meeting Room 101
16:10 – 16:30	Comfort Break	Corridor L0 & Corridor L1
16:30 – 17:30	<p>CPS 27 – Outliers</p> <ul style="list-style-type: none"> <li>• The effectiveness of outlier detection methods in panel models.</li> <li>• The impact of outliers using the traditional Horwitz–Thompson estimator: An application to the Annual Financial Statistics (AFS) survey.</li> <li>• Outlier Robust XGBoost.</li> </ul>	Meeting Room 6
16:30 – 17:30	<p>CPS 28 Inference I</p> <ul style="list-style-type: none"> <li>• Aspects of Statistical Inference from Renewal Processes.</li> <li>• A novel varying-coefficients quantile regression models under log-symmetric distributions.</li> </ul>	Meeting Room 101
16:30 – 17:30	<p>CPS 29 – Philosophy</p> <ul style="list-style-type: none"> <li>• The single case problem and the unrealism of probability.</li> <li>• Redemption of Statistical Significance.</li> </ul>	Meeting Room 102
16:30 – 17:30	<p>CPS 30 – Inflation</p> <ul style="list-style-type: none"> <li>• Measuring Inflation in a Small Island Economy: The Jersey Retail Prices Index.</li> <li>• Regional disparities and vulnerable groups in food poverty: Sub-national evidence from Italy during high inflation.</li> <li>• Foreign Exchange Stability and Network Effects in Advanced and Emerging Currencies.</li> </ul>	Meeting Room 103
16:30 – 17:30	SIPS – 1291 Artificial intelligence and data science: the role of ISI associations – Panel discussion.	Meeting Room 4
16:30 – 17:30	SIPS 1297 – Advances in Multivariate Compositional Data Analysis	Meeting Room 3

Thursday 4<sup>th</sup> of June 2026

<p>08:30 – 10:10</p>	<p>IPS 1178 – Exploring distributional insights: advancing income, wealth, and consumption analysis in the context of the G20 Data Gap Initiative.</p> <ul style="list-style-type: none"> <li>• Distributional income accounts for households – methodological challenges and exploratory results (Ricarda Senger)</li> <li>• Distributional wealth accounts for households – results and use cases (Alexander Erler)</li> <li>• First results on the joint distribution of income and wealth in Italy consistent with national accounts (Matteo Spuri)</li> <li>• The joint distribution of income, wealth, and consumption in Germany. (Tobias Schmidt)</li> </ul>	<p>Meeting Room 103</p>
<p>08:30 – 10:10</p>	<p>IPS 1253 – Correspondence analysis and its Related Methods in Archaeology.</p> <ul style="list-style-type: none"> <li>• A Generalisation of the Cressie-Read family of Statistics and Three Way Correspondence Analysis for Archaeological Data (Rosaria Lombardo)</li> <li>• Correspondence Analysis in Archaeology: who, when, why and what for? (Kris Lockyear)</li> <li>• Distance-based methods for archaeological data. (Michel Van de Velden)</li> </ul>	<p>Meeting Room 102</p>
<p>08:30 – 10:10</p>	<p>IPS 1263 – Measuring and Modeling Gender Dynamics: Advances in Statistical Methods for Education and Social Science.</p> <ul style="list-style-type: none"> <li>• Cultural and Intergenerational Dynamics of Trust in Female Scientists: Evidence from Five Countries (Valentina Rotondi)</li> <li>• Ethics, Gender and AI: Statistical Methods for Fairness in Data-Driven Social Sciences (Johannes Bleher)</li> <li>• Gender as a Moderator in Education Production Functions: A Graphical Modeling Approach Using Students' Careers. (Federica Nicolussi)</li> <li>• Uncovering Hidden Gender Bias in STEM Evaluations: A Differential Item Functioning Approach. (Ingrid Mauerer)</li> </ul>	<p>Meeting Room 5</p>
<p>08:30 – 10:10</p>	<p>IPS 1279 – Local Data, Real-World Impact: Innovative Small Area Estimation for Public Health and Social Policy</p> <ul style="list-style-type: none"> <li>• A Spatial Fay Herriot Model when Auxiliary Variables are Measured with Error. (Angelo Moretti)</li> <li>• Coarsened data in small area estimation: a Bayesian two-part model for mapping smoking behavior. (Aldo Gardini)</li> <li>• M-quantile Area-level Models for Robust Small Area Estimation without Reliance on Design-based Variances. (Maria Bugallo Porto)</li> <li>• Small area estimation of categorical indicators using finite mixtures of multinomial logistic regression models. (Maria Francesca Marino)</li> </ul>	<p>Meeting Room 6</p>

08:30 – 10:10	<p>IPS 1282 – Uncertainty Quantification for Mathematical Models.</p> <ul style="list-style-type: none"> <li>• Addressing model discrepancy in emulation and calibration of environmental models. (James Salter)</li> <li>• Emulation strategies for systems described by differential equations. (Benn Macdonald)</li> <li>• Conformalised Neural Operators for Transferable Super-Resolution (Lawrence Bull)</li> <li>• Structure-preserving Machine Learning of Dynamical Systems: A Case for Smaller Models (Xuereb Conti)</li> </ul>	Meeting Room 3
08:30 – 10:10	<p>IPS 1287 – Recent Developments in Symbolic and Distributional Data Analysis</p> <ul style="list-style-type: none"> <li>• Analysis of the Household Budget Survey: A Distributional Data Approach. (Paulo Brito)</li> <li>• Clustering geo-references time series through the Gromov-Wasserstein distance. (Antonio Balzanella)</li> <li>• Symbolic networks. (Vladimir Batagelj)</li> <li>• Riemannian Principal Component Analysis for Interval-Valued Variables. (Oldemar Rodriguez Rojas)</li> </ul>	Meeting Room 4
08:30 – 10:10	<p>IPS 1292 – Modern Methods for Anomalies and Extremes in Diverse Environmental Data Types.</p> <ul style="list-style-type: none"> <li>• Estimation of a multivariate von Mises distribution for contaminated torus data. (Giulia Bertagnolli)</li> <li>• Network-Aware Functional Regression with Conformal Prediction. (Elvira Romano)</li> <li>• Tail-Calibrated Quantile Treatment Effects for Extreme Event Attribution. (Daniela Castro-Camilo)</li> </ul>	Meeting Room 101
10:10 – 10:30	Comfort Break	Corridor L0 & Corridor L1
10:30 – 11:30	<p>CPS 07 – Time Series Applications</p> <ul style="list-style-type: none"> <li>• An overview of unit ARMA-like models for bounded time series and their usefulness in forecasting relative humidity. (Renata Rojas Guerra)</li> <li>• Characterizing the impact of vegetation pests in Southern Italy through advanced time series analysis of satellite data. (Luciano Telesca)</li> <li>• Locally Stationary time series – a bayesian nonparametric approach with applications to gravitational wave data. (Renate Meyer)</li> </ul>	Meeting Room 2

10:30 – 11:30	<p>CPS 08 Quality</p> <ul style="list-style-type: none"> <li>• From Principles to Practice: Embedding Quality in Modern Statistical Production. (Christine Tabone)</li> <li>• R Package VIM – The new Function vimpure and its Impact on Imputation Quality. (Eileen Vattheuer)</li> </ul>	Meeting Room 3
10:30 – 11:30	<p>CPS 10 Computation Simulation</p> <ul style="list-style-type: none"> <li>• Algorithmic Bias as Distinct from Mere Data Bias. (Andrew Ackerman)</li> <li>• Sequential Rank and Preference Learning with the Bayesian Mallows Model. (Øystein Sørensen)</li> <li>• Simulation-based Comparison of frequency seration techniques for archaeological pottery data. (Andrea Cristina Garcia Angulo)</li> <li>• The use of simulation in the teaching of Statistics (Wessel Hendrik Moolman)</li> </ul>	Meeting Room 5
10:30 – 11:30	<p>CPS 12 Survey Issues</p> <ul style="list-style-type: none"> <li>• Machine Learning for Mass Imputation in Structural Business Statistics Using Administrative Data. (Beatriz Abad Martín)</li> <li>• Measuring Participation in Intangible Cultural Heritage: A Statistical Analysis of Kiyari Singing in the Ombashira Festival. (Tomoe Hamazaki)</li> </ul>	Meeting Room 102
10:30 – 11:30	<p>CPS 13 European Data and Policies</p> <ul style="list-style-type: none"> <li>• Study on Cross Border Data Collection. (Johan van der Valk)</li> <li>• The future of data governance in European official statistics. (Karina Miranda)</li> <li>• Ideological and geographical patterns in European politics: an archetypoid and spatial analysis of parties and countries. (Marica Manisera)</li> <li>• Regional price levels – experimental estimation in Czech NUTS 3 regions. (Jana Fischerova)</li> </ul>	Meeting Room 103

10:30 – 11:30	<p>CPS 31 Data Integration.</p> <ul style="list-style-type: none"> <li>Combining probability and nonprobability samples to estimate linear model coefficients. (Char Hilgers)</li> <li>Possibilities of spatially detailed statistical analysis in grid level integrated datasets. (Ákos Jakobi)</li> <li>Automating Household Expenditure Coding in Official Statistics: A Hybrid and Production-Oriented Approach under Data Scarcity and Label Heterogeneity (Laura GAIMARD)</li> </ul>	Meeting Room 101
10:30 – 11:30	<p>CPS Poster Session 02</p> <ul style="list-style-type: none"> <li>Relative Importance Analysis and Its Application to Variable Selection. (Argon Chen)</li> <li>Retrospective Estimation of Drug Concentration in the Human Body. (Juan Manuel Rodríguez Díaz)</li> <li>Zero-augmented quasi-gamma spatial model with influential diagnostics. (Fernanda De Bastiani)</li> </ul>	Corridor L1
11:30 – 13:10	<p>IPS – GIS and AI: Unlocking New Insights and Efficiencies by Esri</p> <p>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.</p> <p>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.</p> <p>Participants will learn the fundamentals of GeoAI, including extracting features from imagery with deep learning and running predictive analytics using spatial statistics AI tools.</p> <p>We will also dive into LLMs and generative AI and create apps to explore data using natural language.</p>	Meeting Room 5
11:30 – 13:10	<p>IPS 1223 – Democracy Dies in Darkness Without Official Statistics.</p> <ul style="list-style-type: none"> <li>Panellist Session</li> </ul>	Meeting Room 3
11:30 – 13:10	<p>IPS 1252 – Integrative Forecasting Frameworks: Statistical, Adaptive and AI-Driven Approaches</p> <ul style="list-style-type: none"> <li>Crumbs Make a Loaf: Using Product Price Data to Nowcast Food INflation. (Sarah Spiteri)</li> <li>Forecasting with AI: A Deep Learning Approach to Time Series Analysis of Malta's Foreign Trade. (ROxanne Spiteri)</li> <li>Using T2 Big Data to Evaluate Cyber Vulnerabilities: An Empirical Case Study. (Maatteo Panfilo)</li> </ul>	Meeting Room 6

11:30 – 13:10	<p>IPS 1255 – From Text to Code: How Insee has integrated AI and ML for Text Classification and Information Retrieval</p> <ul style="list-style-type: none"> <li>• A human-in-the-loop method for classifying short survey free-text responses in official statistics. (Mélina Hillion)</li> <li>• From "it worked on my notebook" to production-ready machine learning: bridging the gap with MLOps. (Lino Galiana)</li> <li>• When Classifications Change but Deadlines Don't: Scaling Recoding with LLMs. (Julien PRamil)</li> <li>• torchTextClassifiers: a unified framework for text classification with PyTorch, from a MLOps perspective. (Meilame Tayebjee)</li> </ul>	Meeting Room 101
11:30 – 13:10	<p>IPS 1258 – Advances in Robust Statistical Inference for High-Dimensional Data.</p> <ul style="list-style-type: none"> <li>• Collective Outlier Detection and Enumeration with Conformalized Closed Testing. (Chiara Gaia Magnani)</li> <li>• Post-Selection Inference for Multiverse Analysis in Mixed-Effects Model. (Anna Vesely)</li> <li>• Localized Cluster Enhancement: TFCE Revisited with Valid Error Control. (Samuel Davenport)</li> </ul>	Meeting Room 4
11:30 – 13:10	<p>IPS 1273 – New paradigms and challenges of sampling statistics in the digital era.</p> <ul style="list-style-type: none"> <li>• Characterisation of the Conditions For Obtaining Exact Balanced Sampling. (Yves Tillé)</li> <li>• Improving stratified sampling designs in the digital era. (Cristiano Ferraz)</li> <li>• Potential applications of the Bootstrap method in non-probability samples. (Jorge Luis Rueda-Sánchez)</li> </ul>	Meeting Room 103
11:30 – 13:10	<p>IPS 1286 – AI and Advanced Statistical Modelling in Digital Health. Applications to brain tumors (Y-BIS/ISBIS)</p> <ul style="list-style-type: none"> <li>• A lightweight and interpretable Machine Learning Framework as a Robust Alternative to Deep Learning in Medical Image Classification. (Zeynep Filiz Eren)</li> <li>• Decoding the content of working memory with functional data analysis (Nihan Acar Denizli)</li> <li>• Detection of EGFR Gene Mutations in Brain Tumors: Leveraging Information Complexity for AI-Based Decision Support Systems. (Ozan Kocadagli)</li> </ul>	Meeting Room 102
11:30 – 13:10	<p>IPS 1296 – Recent Progress in the Development of Statistical Registers in Europe</p> <ul style="list-style-type: none"> <li>• Developing the Statistical Infrastructure for Frames and Population Datasets at CSO, Ireland. (Sorcha OCallaghan)</li> <li>• The French Statistical Register of Individuals and Dwellings (RESIL). (Hien Pham)</li> <li>• Spain: A 50 Million-Inhabitant country with an Annual Register-Based census. (Jorge Vega)</li> </ul>	Meeting Room 2
13:10 – 14:40	Lunch	

<p>14:40 – 16:20</p>	<p>IPS 1166 – Statistical Methods for Analyzing Intensive Longitudinal Data in the Social Sciences.</p> <ul style="list-style-type: none"> <li>• Applications and Outlook for Continuous Time Dynamic Models in Psychology. (Charles Driver)</li> <li>• Embracing Measurement Model Dynamics with Latent Markov Factor Analysis. (Leoni Vogelsmeier)</li> <li>• Investigating different aspects of heterogeneity in temporal dynamics with a time-varying coefficient formulation of the multivariate normal. (Esther Ulitzsch)</li> <li>• Person-specific time-varying parameters in hierarchical Bayesian time series models. (Ethan M. McCormick)</li> </ul>	<p>Meeting Room 5</p>
<p>14:40 – 16:20</p>	<p>IPS 1171 – Statistics for Spatial and Spatio-Temporal Data in the Era of AI</p> <ul style="list-style-type: none"> <li>• Modeling nonstationary spatial processes with normalizing flows. (Andrew Zammit Mangion)</li> <li>• Neural Simulation-Based Inference for Parameter Estimation and Conditional Simulation with Complex Spatial Processes. (Mikael Kuusela)</li> <li>• Simulationn-based inference for trawl processes. (Raphael Huser)</li> <li>• Spatio-temporal modeling and forecasting with Fourier neural operators (FNOs). (Noel Cressie)</li> </ul>	<p>Meeting Room 6</p>
<p>14:40 – 16:20</p>	<p>IPS 1261 – Advances in Methods for Scarce and Missing Data.</p> <ul style="list-style-type: none"> <li>• Improved Inference by optimal transport when data are scarce. (Stefan Sperlich)</li> <li>• Investigating Missing Not at Random Mechanisms in Ecological Momentary Assessment: An Exploratory Analysis of Swiss Adolescent EMA data. (Setareh Ranjbar)</li> <li>• Modeling temporal changes in small area incomes under a random regression coefficients two-fold Fay-Herriot model. (Naomi Diz Rosales)</li> </ul>	<p>Meeting Room 4</p>
<p>14:40 – 16:20</p>	<p>IPS 1265 – Visible and invisible inequalities: insights on data and methods.</p> <ul style="list-style-type: none"> <li>• Digital Poverty in Italy: new measures and regional comparisons among Young People (6-19 years). (Antonella D'Agostino)</li> <li>• Dispersion in the distribution of primary income or gross wage at the regional level in the EU. (Angeles Sanches)</li> </ul>	<p>Meeting Room 101</p>

14:40 - 16:20	<p>IPS 1272 - Innovations in Territorial Statistics for social impact.</p> <ul style="list-style-type: none"> <li>• Developing urban and rural indicators to support evidence-based policies. (Teodóra Brandmüller)</li> <li>• Do services and tourism reduce population loss in functional rural areas in the EU. (Lewis Dijkstra)</li> <li>• Measuring accessibility to essential services by looking at travel times. (Joana Malta)</li> <li>• Towards meaningful comparisons of inequalities in accessibility to services: A review of recent OECD work. (Ana Moreno Monroy)</li> </ul>	Meeting Room 3
14:40 - 16:20	IPS 1276 - vISion and the Future of Official Statistics: From Global Dialogue to Local Practice.	Meeting Room 102
14:40 - 16:20	<p>IPS 1281 - Innovative Co-operation in Statistical Literacy</p> <ul style="list-style-type: none"> <li>• Best practices from the ISLP Network for the promotion of statistical literacy. (Elisa Falck)</li> <li>• Statistics Portugal's best practices in promoting statistical literacy: cooperation, communication and ethical dimensions. (Jose Martins)</li> <li>• Understanding Data in Everyday Life: The role of the National Statistics Office. (Lara Friggieri Cordina)</li> </ul>	Meeting Room 103
14:40 - 16:20	<p>IPS 1288 - Advances Statistical Methods for Complex Data</p> <ul style="list-style-type: none"> <li>• A Sparse weighted consensus method for multi-view clustering. (Ndèye Niang)</li> <li>• Adaptive distance-based clustering of spatial interval-valued time series. (Raffaele Mattered)</li> </ul>	Meeting Room 2
16:20 - 16:40	Comfort Break	Corridor L0 & Corridor L1

16:40 – 17:40	SIPS 1210 – Advances in computational statistics: European perspectives and innovations.	Meeting Room 5
16:40 – 17:40	SIPS 1221 – Novel Approaches and Real-life Applications in Data Analysis.	Meeting Room 4
16:40 – 17:40	SIPS 1257 – Statistics and Data Science in Sports.	Meeting Room 3
16:40 – 17:40	SIPS 1340 – Industrial Process Monitoring with Streaming and High-Dimensional Data.	Meeting Room 2
16:30 – 17:30	SIPS 1372 – From Data to Policy: Is There Evidence? Rethinking Representativity and Quality in Contemporary Data Landscapes.	Meeting Room 103
16:40 – 17:40	SIPS 1387 – Business and Industrial Statistics in the era of Data Science	Meeting Room 101
16:40 – 17:40	SIPS 1389 – Putting Statistical Modernisation into Practice at the National Statistics Office, Malta	Meeting Room 6

Friday 5 June 2026

<p>08:30 - 10:10</p>	<p>IPS 1231 - Environment and gender population dynamics: What is the nexus on global and regional level?</p> <ul style="list-style-type: none"> <li>Analyzing total fertility rate by environmental, demographic, and economic indicators: Hierarchical cluster analysis for selected European Countries. (Blagica Novkovska)</li> <li>Longitudinal study of the Impact of environmental and social factors on rural migrations: Insights from Vojvodina. (Natalija Mirić)</li> <li>The Immigration Index: How can it be modelled? (Marina Ignjatović)</li> </ul>	<p>Meeting Room 3</p>
<p>08:30 - 10:10</p>	<p>IPS 1280 - Innovative survey methods for the public good.</p> <ul style="list-style-type: none"> <li>Causal inference and External validity in Observational Studies: Methodological Challenges for Modern Health Research. (Clelia Di Serio)</li> <li>Multiple Frame Surveys: From original roots to digital-era reassessment. (Fulvia Mecatti)</li> <li>Survey Futures programme in the UK and the Effectiveness of the knock-to-nudge approach for establishing contact with respondents. (Olga Maslovskaya)</li> </ul>	<p>Meeting Room 103</p>
<p>08:30 - 10:10</p>	<p>IPS 1289 - Explainable data science</p> <ul style="list-style-type: none"> <li>Bias and Explainability for Software Engineering in the Age of LLMs. (Francesco Sovrano)</li> <li>Explanation Types Revisited: From Counterfactuals to Ensure-enabled Explanations in the Confidence-Uncertainty Space. (Tuwe Lofström-Cavallin)</li> <li>Trustworthy AI in Automotive Ecosystems: A Distributed Responsibility Perspective Grounded in Statistical Reliability. (Fatima Rabia Yapicioglu)</li> </ul>	<p>Meeting Room 6</p>
<p>08:30 - 10:10</p>	<p>IPS 1298 - Modern Statistical Learning and Inference in High-Dimensional and Complex Data Environments.</p> <ul style="list-style-type: none"> <li>Flexible Deep Neural Networks for Partially Linear Survival Data. (Malka Gorfine)</li> <li>Inference for Deep Neural Network Estimators in Generalized Nonparametric Models. (Yi Li)</li> <li>Trustworthy and Reliable Post-Estimation Strategies for Sparse Regression Models. (Syed Ejaz Ahmed)</li> </ul>	<p>Meeting Room 4</p>

10:10 – 10:30	Comfort Break	Corridor L0 & Corridor L1
10:30 – 11:30	<p>CPS 14 – Census</p> <ul style="list-style-type: none"> <li>• Adding the where to official statistics: Geocoding the 2005 and 2011 Population and Housing Census on the 1km2 grid. (Andrew Formosa)</li> <li>• Increase census efficiency and unlock new insights using GIS and AI. (Lydia Troup)</li> </ul>	Meeting Room 2
10:30 – 11:30	<p>CPS 15 – Mathematical Statistics</p> <ul style="list-style-type: none"> <li>• A Bahadur Representation of the Quantile Estimator for Length-biased Sampling in Finite Populations. (Hitoshi Motoyama)</li> <li>• Reimannian Principal Component Analysis (Oldemar Rodriguez Rojas)</li> </ul>	Meeting Room 3
10:30 – 11:30	<p>CPS 16 Industry</p> <ul style="list-style-type: none"> <li>• A Bayesian Mixture Model for Monitoring Traffic Crash Trends, An Application to Crash Severity in City of Cape Town, South Africa. (Sebnem Er)</li> <li>• Design of Experiments for Studying Battery Lifetimes: From Split-Plot to Hierarchical D-Optimal Designs. (Nedka Dechkova Nikiforova)</li> <li>• Reflections and Practices on statistical Monitoring of the Core Artificial Intelligence Industry. (Yunjie Geng)</li> <li>• Regression-Based Control Charts for Detecting Railway Delay Propagation (Bruna Palm)</li> </ul>	Meeting Room 4
10:30 – 11:30	<p>CPS 17 – Epidemiology</p> <ul style="list-style-type: none"> <li>• Understanding Society: A multilevel Analysis of Anaemia Among Older Adults in England, 2022. (Ngianga II Kandala)</li> <li>• Cervical cancer screening predictors in Tanzania: A Variance components models' approach of national survey 2022. (Jovin Tibenderana)</li> <li>• Smoking status and depressive symptoms: which way does the arrow point? (Lloyd Balbuena)</li> </ul>	Meeting Room 5

10:30 – 11:30	<p>CPS 18 – Large Language Models Applications</p> <ul style="list-style-type: none"> <li>• When Food Waste Quantification Falls Short; An Exploratory Study of AI Assisted Measurement. (Mengting Yu)</li> <li>• Sector Enrichment of Corporate Payment Transactions Data Using Large Language Models. (Irfan Sampe)</li> </ul>	Meeting Room 6
10:30 – 11:30	<p>CPS 19 Finance</p> <ul style="list-style-type: none"> <li>• Investment Capacity of the Country's Economy. (Teimuraz Beridze)</li> <li>• The Relationship Between Corporate Sustainability and Financial Performance in the European Union – A Panel Regression Analysis in the Context of CSRD. (Regina Bodó)</li> <li>• Comparison of traditional mathematical–statistical methods and machine learning–based systems for predicting corporate bankruptcy. (Tünde Katalin Szántó)</li> <li>• Risk-Aware Structured Pruning of Deep Financial Forecasting Models. (Ismail Elbounkify)</li> </ul>	Meeting Room 102
10:30 – 11:30	<p>CPS 20 – Government Data Collection</p> <ul style="list-style-type: none"> <li>• Improving official statistics in the context of national accounts: Italy's quarterly general government data by sub-sector. (Maria Saiz)</li> <li>• Modeling Geneva Charitable Deductions: Regular Giving and Future Trends. (Marta Pittavino)</li> </ul>	Meeting Room 103
10:30 – 11:30	<p>CPS 32 Students II</p> <ul style="list-style-type: none"> <li>• The Bayesian Way to Elementary Statistics. (Mary Gray)</li> <li>• The Use of Generative AI systems from the Perspective of Law Students. (Vivien Kardos)</li> <li>• Unveiling student Perspectives on Project-Based Learning through comprehensive NLP Analysis in Statistics and Data Science Education. (Anna Khalemsky)</li> </ul>	Meeting Room 101
10:30 – 11:30	<p>CPS Poster Session 03</p> <ul style="list-style-type: none"> <li>• BAYAAN the Unified Platform: Revolutionizing Decision-Making through AI-powered Intelligence. (Fatima Al Mehairbi)</li> <li>• Beyond Access: Actionable Digital Divide Diagnostics from Household Survey Data. (Linah Waitherero Ngumba)</li> <li>• Bridging Academia and Industry through Experiential Learning Embedding Hackathons in the Statistics Education Curriculum. (Rukia Nuermaiti)</li> </ul>	Corridor L1

11:30 – 12:30	<p>CPS 24 Climate</p> <ul style="list-style-type: none"> <li>• Scalable bayesian Phylogenetic Models Capturing Within-Species Trait Variation to Predict Climate Adaptation. (Emily Davison)</li> <li>• Climate change and its Impact on Agriculture and food security in GCC countries: A Statistical Insight. (Ibtihaj Alsiyabi)</li> </ul>	Meeting Room 5
11:30 – 12:30	<p>CPS 25 Quality Assurance</p> <ul style="list-style-type: none"> <li>• Strengthening Trust in Official Statistics through Quality Assurance and Citizen-Generated Data: Evidence from Kenya. (Cecilia Punyua)</li> <li>• Regional Data in the Future System of Official Business Statistics. (Simon Rommelspacher)</li> </ul>	Meeting Room 6
11:30 – 12:30	<p>CPS 33 Children II</p> <ul style="list-style-type: none"> <li>• Ring-a-ring-a-Data: Well-being Indicators with Children at the Heart. (Rina Camporese)</li> <li>• Spatial variation and risk factors of the triple burden of childhood stunting, anemia and low birthweight in India. (Dhiman Bhadra)</li> <li>• Application of Alternative Multivariate Exponential Power Distribution in Machine Learning Framework for Modeling Maternal Delivery Outcomes (Michael Manford)</li> </ul>	Meeting Room 101
11:30 – 12:30	<p>CPS 35 Inference II</p> <ul style="list-style-type: none"> <li>• High-Dimensional Feature Selection via Conditional Characteristic Function with Interaction Effects. (Amira Al Salhi)</li> <li>• Scalable M-Estimation for Generalized Linear Latent Variable Models. (Maria-Pia Victoria-Feser)</li> </ul>	Meeting Room 103
11:30 – 12:30	SIPS 1266 – Modern Methods for Smarter Data: From Metadata to Data Quality Techniques in Central Bank Statistics	Meeting Room 3
11:30 – 12:30	SIPS 1360 – Statistical Innovation for Complex Data and Inference	Meeting Room 4
11:30 – 12:30	SIPS 1364 – Read to Lead: Empowering Statisticians through Leadership Books.	Meeting Room 2

12:30 - 14:00	Lunch	
14:00 - 15:40	IPS 1115 - Machine Learning and Artificial Intelligence for Official Statistics: Securing and Protecting Confidentiality.	Meeting Room 5
14:00 - 15:40	<p>IPS 1218 - Showcasing Technical Research by Women in Statistical Science in Portugal</p> <ul style="list-style-type: none"> <li>• Bias reduction frameworks for generalized Hill estimators. (Lígia Henriques-Rodrigues)</li> <li>• Prediction and Analysis of Groundwater Drought Class Transitions using Log-linear Models and ANOVA. (Elsa Moreira)</li> <li>• Spatio-temporal modelling of fish species distribution. (Raquel Menezes)</li> <li>• Toward Robust Tree-Based Ensemble Learning for Genomic Prediction. (Vanda Lourenco)</li> </ul>	Meeting Room 2
14:00 - 15:40	<p>IPS 1233 - Methods and Applications of Statistical Data Fusion and Integration.</p> <ul style="list-style-type: none"> <li>• Bayesian multi-observation latent Gaussian models with inlabru. (Finn Kristian Lindgren)</li> <li>• Combining Efforts: Integrating Citizen Science and Survey Data using inlabru. (Jafet Belmont Osuna)</li> <li>• GHR tools: streamlining climate and health workflows including data harmonization, modelling and early warning systems. (Carles Milà)</li> <li>• Statistical Data integration and Prediction in Climate Science. (Sebastian Mutz)</li> </ul>	Meeting Room 6
14:00 - 15:40	IPS 1270 - Statistically Principled Environmental AI	Meeting Room 103
14:00 - 15:40	<p>IPS 1274 - Intersectionality and Citizens' Data: Complementing Official Statistics for Inclusive Decision-Making</p> <ul style="list-style-type: none"> <li>• Disaggregated Data in Canda: Leveraging Citizen Data to Complement Official Statistics. (Tony Labillois)</li> <li>• Intersectional Data and Persons with Disabilities. (Elizabeth Lockwood)</li> </ul>	Meeting Room 102
14:00 - 15:40	<p>IPS 1283 - Statistical modelling and machine learning for healthcare and personalized medicine.</p> <ul style="list-style-type: none"> <li>• Atrial digital twins for in silico trials. (Caroline Roney)</li> <li>• Closed-loop effects from vasodilator treatment for pulmonary hypertension: uncertainty quantification using synthetic data with empirical noise. (Agnieszka Borowska)</li> <li>• Inference with emulation in cardiac mechanics. (Dirk Husmeier)</li> </ul>	Meeting Room 4

15:40 - 16:10	Closing Ceremony	Aula Magna
16:10 - 16:30	Comfort Break	Corridor L0 & Corridor L1

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