SIS Società Italiana di Statistica   SMEA   UNIVERSITÀ DEGLI STUDI DI BARI ALDO MORO

4th INTERNATIONAL CONFERENCE ON ECONOMIC STATISTICS

STATISTICAL MODELS FOR THE ECONOMIC TRANSITION: THE NEW CHALLENGE IN A DEVELOPING WORLD

CONFERENCE PROGRAM

6th February 2026

8:30   **Registration**

9:00   **Session of contributed papers (7) – Room A**

Advanced Data Analytics for Complex Social, Economic, and Health Systems

Chair: **Crescenza Calculli**, University of Bari Aldo Moro

AI-Driven Clustering and Neural Network–Based Causal Evidence on CO2 Emissions: A Methodological Perspective.
Andrea Mazzitelli, Mercatorum University
Tulia Gattone, Mercatorum University
Cosimo Magazzino, LUM University Giuseppe Degennaro

Territorial Profiling and Latent Segmentation of Italian Regions Based on the R-GEI Index Using Self-Organising Maps.
Angela Maria D'Uggento, University of Bari Aldo Moro
Enrico Di Bella, University of Genoa
Sara Preti, University of Genoa
Ernesto Toma, University of Bari Aldo Moro
Annalisa Bellino, Section for Gender Policy Implementation, Puglia Region

A Multi-Method Text Mining Analysis of AIFA Drug Innovation Assessment Reports.

CARLOTTA GALEONE, University of Milan

The Future of Healthcare: a Longitudinal Study on Generation Z's Impact on Clinical and Organizational Paradigms.
ERIKA GRAMMATICA, University of Milano-Bicocca

Aligning Pay with Purpose: Do ESG-Linked Executive Compensation Policies Matter?
SERGIO LONGOBARDI, Parthenope University of Naples
CARLA MORRONE, Sapienza University of Rome
GIACOMO GOTTI, Sapienza University of Rome
MARCO VENUTI, Mercatorum University

Data-Driven Assessment of Health Systems: A Machine Learning Approach to Economic Inefficiencies in Oncology
GIORGIA RIVIECCIO, Parthenope University of Naples
FRANCESCO SCHIAVONE, Parthenope University of Naples
SANDRO PIGNATA, IRCCS National Cancer Institute 'Fondazione G. Pascale'
ANNA CRISPO, IRCCS National Cancer Institute 'Fondazione G. Pascale'
ANNA PIA DI IORIO, Parthenope University of Naples

9:00   Session of contributed papers (8) – ROOM B

New Statistical Indexes for the Environment and Socio-Economic Transition

Chair: **ANDREA MARLETTA**, University of Milano-Bicocca

Individual Economic Insecurity: A Trajectory-Based Composite Measure.
GIACOMO GOBBER, University of Trento
SILVIA PACEI, University of Bologna
PAOLO VERME, University of Bologna

Towards Spatially Aware BoD Indicators: a Proposal for Integrating Benefit-of-the-Doubt and ESDA for the Construction of Regional Synthetic Indices.
GIUSEPPE NOTARSTEFANO, LUMSA University
GIUSEPPE TERZO, LUMSA University

Assessing Urban Social Investment Across Milan's Municipalities Through Composite Index.
JURGENA MYFTIU, University of Bergamo

The Efficiency of European Welfare Systems: A Canonical Correlation Analysis of Senior Well-Being and Social Protection.
MARCO ARLOTTI, Politecnica University of Marche
MARIATERESA CIOMMI, Politecnica University of Marche

FRANCESCA MARIANI, Politecnica University of Marche
MARIA CRISTINA RECCHIONI, Politecnica University of Marche

A Capability-Based Assessment of Urban Well-Being in Rome.
MARUSCA DE CASTRIS, Roma Tre University
CHIARA SCIASCIA, Roma Tre University

Robust Composite Index for Measuring Environmental Sustainability.
VIET DUONG NGUYEN, LIUC Carlo Cattaneo University

9:00 **Session of contributed papers (9) – ROOM C**

Advances in Spatial Data Analysis for Sustainable Economics

Chair: **FRANCESCA BASSI**, University of Padua

Tourist Spending Capacity and Greenhouse Gas Emissions: Evidence from European NUTS2 Regions.
CATERINA MORELLI, Aosta Valley University

Artificial Intelligence and Innovation Spillovers: Evidence from Italian Provinces.
EMMA BRUNO, Parthenope University of Naples
ROSALIA CASTELLANO, Parthenope University of Naples
GENNARO PUNZO, Parthenope University of Naples

Local Spatio-Temporal Bayesian Estimation of Key Agricultural Economic Indicators.
FELICETTA CARILLO, CREA - Council for Agricultural Research and Economics
PAOLO MARANZANO, University of Milano-Bicocca
LAURA MARCIS, Aosta Valley University
MARIA CHIARA PAGLIARELLA, University of Cassino and Southern Lazio
RENATO SALVATORE, University of Cassino and Southern Lazio

A Spatial Difference-in-Differences Framework for Evaluating Place-Based Policies.
MARUSCA DE CASTRIS, Roma Tre University
GUIDO PELLEGRINI, Sapienza University of Rome

Testing Spatial Heterogeneity in Water Conservation Determinants: Spatially Stratified Analysis from Italy.
RASHAD MAMMADLI, LIUC Carlo Cattaneo University
CHIARA GIGLIARANO, LIUC Carlo Cattaneo University

Local Policy Evaluation at Scale: Leveraging Survey and Administrative Data.
SILVIA SCARPA, University of Modena and Reggio Emilia

Massimo Baldini, University of Modena and Reggio Emilia
Andrea Barigazzi, University of Modena and Reggio Emilia
Giovanni Gallo, University of Modena and Reggio Emilia
Marcello Morciano, University of Modena and Reggio Emilia

10:00   Coffee Break – Room Vittime Innocenti di Tutte le Mafie

10:30   Plenary Session - Room Alessandro Leogrande

Chair: **Caterina Marini**, University of Bari Aldo Moro.

What We Learn When We Observe Every Price: Insights from UK Consumer Price Microdata
Engin Kara, Cardiff University (UK)

11:15   Invited Session (B) - Room Alessandro Leogrande

Spatial Methods for Modelling Local Economic Phenomena

Chair: **Paolo Postiglione**, University of Chieti-Pescara.
Discussant: **Federica Galli**, University of Bologna.

A Holistic Green Indicator for Tourism Sustainability Across Italian Provinces.
Riccardo Gianluigi Serio, University of Trento
Giuseppe Espa, University of Trento
Maria Michela Dickson, University of Padova
Diego Giuliani, University of Trento

Honey! I Shrank the Spatial Econometric Coefficients.
Giuseppe Arbia, Cattolica University of Sacro Cuore
Lucia Della Ratta, Sant'Anna School of Advanced Studies
Vincenzo Nardelli, Cattolica University of Sacro Cuore
Niccolò Salvini, Cattolica University of Sacro Cuore

Machine Learning and the Prediction of Geographically Distributed Data: a Methodological Proposal.
Alfredo Cartone, Gabriele d'Annunzio University
Simone Mazzaferro, Gabriele d'Annunzio University
Paolo Postiglione, Gabriele d'Annunzio University

12:30   Round-Table Talks - Room Alessandro Leogrande

Innovation, Competitiveness and SMEs: Challenges and Opportunities in the Economic Transition

Moderator: **ANDREA CICCARELLI**, University of Teramo

Participate:

- **PASQUALE ORLANDO**, Director of the Department for the Unitary Planning including the Management of Human, Financial and Capital Resources - Region Puglia
- **ALESSANDRO RINALDI**, Deputy Director-General – Director of Research and Statistics of Guglielmo Tagliacarne Research Institute – Italian Chambers of Commerce
- **LUIGI TRIGGIANI**, Secretary-General of Unioncamere Puglia

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13:30   Lunch – ROOM VITTIME INNOCENTI DI TUTTE LE MAFIE

14:30   Invited Session (C) - ROOM ALESSANDRO LEOGRANDE

Measures and Models for Firm Performance

Chair: **DAVIDE PIACENTINO**, University of Palermo
Discussant: **GENNARO PUNZO**, Parthenope University of Naples.

Mapping the Geography of Innovation and Firm Performance in Italy: A Spatial Approach Beyond Industrial Districts.
ALESSIO BUMBEA, Mercatorum University
ANNAMARIA GIUFFRIDA, Mercatorum University
KATARZYNA KOPCZEWSKA, University of Warsaw
ANDREA MAZZITELLI, Mercatorum University

Environmental Sustainability and Economic Performance of Manufacturing Enterprises.
DANIELA DE FRANCESCO, Italian National Institute of Statistics
ALESSANDRO FARAMONDI, Italian National Institute of Statistics
SILVIA LOMBARDI, University of Milano-Bicocca

Business Acumen and Firm Performance: Modelling the Impact of Marketing Decisions through a Dynamic Framework.
RAFFAELE ANGELONE, University of Milano-Bicocca

15:45   Invited Session (D) - ROOM ALESSANDRO LEOGRANDE

Inequalities Across Italian Regions

<u>Chair</u>: **PAOLO VERME**, University of Bologna
<u>Discussant</u>: **LUCA TRAPIN**, University of Bologna

Fuzzy measures of economic insecurity among households in three Italian regions.
ANDREA REGOLI, Parthenope University of Naples.
GIUSEPPE VERDOLIVA, Parthenope University of Naples

Mapping Income Inequality Trends Between Spatial and Socio-Demographic Disparities.
SILVIA DE NICOLÒ, University of Bologna

Educational Inequality in Italy: Official Grades vs. Standardized Test Scores.
RAFFAELE LAGRAVINESE, University of Bari Aldo Moro
VITOROCCO PERAGINE, University of Bari Aldo Moro
GIORGIA ZOTTI, University of Bari Aldo Moro

17:00   **Coffee Break – ROOM VITTIME INNOCENTI DI TUTTE LE MAFIE**

17:30   **Session of contributed papers (10) – ROOM A**

Market, Risk, and Policy Evidence in Finance and Energy

<u>Chair</u>: **CONSUELO RUBINA NAVA**, Aosta Valley University

Critical Peak Pricing or Rebate: Evidence from a Large Winter Experiment in Quebec.
DEBBIE J. DUPUIS, HEC Montreal (Canada)
PIERRE-OLIVIER PINEAU, HEC Montreal (Canada)
LUCA TRAPIN, University of Bologna

Core Determinants for the Dynamics of a Currency Board: The Fragility behind the Peg
ELEONORA CAVALLARO, Sapienza University of Rome
BERNARDO MAGGI, Sapienza University of Rome

ESG Factors and Asset Allocation: Evidence from Simulated Portfolios.
LUIGI ALDIERI, University of Salerno
ALESSANDRA AMENDOLA, University of Salerno
VINCENZO CANDILA, University of Salerno

Common Factors in Large Panels of Equity Options.
MARIA GRITH, Neoma Business School (France)

AARON POPA, Erasmus University Rotterdam (Netherlands)
PAOLO SANTUCCI DE MAGISTRIS, Luiss University
FRANCESCO VIOLANTE, IESEG School of Management (France)

Interconnectedness in the Tails: Evidence of Risk Contagion in European Electricity Markets.
LUIGI GROSSI, University of Parma
ANTONIO PANICO, University of Parma

17:30   Session of contributed papers (11) – ROOM B

Advanced Measurements for the Labor Market Analysis

<u>Chair</u>: **FRANCESCA ADELE GIAMBONA**, University of Florence

A Multilayer Network Framework for the Identification of Functional Regions.
ANDREA ENRICO VURRO, Mercatorum University
ANDREA MAZZITELLI, Mercatorum University
GIUSEPPE ESPA, University of Trento

Labour Market Integration, Digital Work, and Psychological Well-Being in Later Careers.
CAMILA CID, University of Bologna
IDA D'ATTOMA, University of Bologna
LIVIA ORTENSI, University of Bologna

Measuring Employment Precarity with EU-SILC Data: a Three-Domain Framework Applied to Italy, Finland and Lithuania.
KAMILE BOTYRIUTE, Lithuanian Centre for Social Sciences (Lithuania)
RUTA BRAZIENE, Lithuanian Centre for Social Sciences (Lithuania)
ANTONELLA ROCCA, Parthenope University of Naples.

Spatial DID for Interdependent Outcomes: GDP, Unemployment, and the Italian NUTS 3.
RICCARDO D'ALBERTO, University of Verona
SILVIA EMILI, University of Bologna

The Employment Effects of the Campania Special Economic Zone: Evidence from a Triple-Differences Design.
SILVIA DE NICOLÒ, University of Bologna
BEATRICE BIONDI, University of Bologna
MARIO MAZZOCCHI, University of Bologna

17:30   Session of contributed papers (12) – ROOM C

Innovative Data and Methods for Organizational and Firm-Level Analysis

<u>Chair</u>: **ANTONELLA ROCCA**, Parthenope University of Naples

Archetypal Logistic Regression for Response Propensity Estimation in Business Surveys.
ALESSANDRO LA ROCCA, Italian National Institute of Statistics

Decoding Websites: Inferring Financial Distress in SMEs from Coding Style.
CARLO BOTTAI, University of Milano-Bicocca
LISA CROSATO, Ca' Foscari University of Venice
CATERINA LIBERATI, University of Milano-Bicocca

Daughters of a Lesser God. Harassment and Violence in the Workplace. A Survey in the Bologna Area of Italy.
SERGIO BRASINI, University of Bologna
DEMETRIO PANARELLO, Link Campus University
GIORGIO TASSINARI, University of Bologna

Open Manager: a Study to Confirm Managerial Implications.
TULLIO MENINI, University of Naples L'Orientale

AI-Driven Environmental Sentiment of EU Climate Benchmarks: The Hidden Volatility of Green Finance.
FRANCESCO BATTAGLIA, Parthenope University of Naples
GIORGIA RIVIECCIO, Parthenope University of Naples
GIOVANNI DE LUCA, Parthenope University of Naples
GABRIELE SAMPAGNARO, Parthenope University of Naples
MICHELE MARIO IPPOLITO, Parthenope University of Naples

18:30   Closing Remarks - ROOM ALESSANDRO LEOGRANDE

- **ROSALIA CASTELLANO**, SMEA Coordinator
- **VITTORIO NICOLARDI**, Chair of the Local Organizing Committee
- **ANDREA CICCARELLI**, Chair of the Programme Committee