

Spatial Econometrics meets Energy Economics

A workshop on methods,
data and applications



19/11/2025 | 09:00 – 18:00
Campus Bozen-Bolzano City Centre
Room F6

Programme

08:45

Opening and Remarks

09:00 – 09:30

Modeling European Electricity Market Integration during turbulent times

Francesco Ravazzolo (Free University of Bozen-Bolzano and BI Norwegian Business School), Luca Rossini (University of Milan), Andrea Viselli (University of Milan)

Speaker: Francesco Ravazzolo

09:30 – 10:00

Forecasting UK Energy Consumption with Weather Covariates

Marco Barassi (University of Birmingham), Jiaming Wang (University of Birmingham)

Speaker: Marco Barassi

10:00 – 10:30

Modelling carbon emission implications of supply-side oil production policies

Erkal Ersoy (Heriot-Watt University), Julian Fennema (Heriot-Watt University), Joe Paul (Heriot-Watt University)

Speaker: Erkal Ersoy

10:30 – 11:00

Coffee Break

11:00 – 11:30

Stochastic frontier panel data models with spatial dependent copula inefficiency

Federico Belotti (Tor Vergata University of Rome), Tiziano Arduini (Tor Vergata University of Rome), Santiago Pereda-Fernández (Bank of Italy)

Speaker: Federico Belotti

11:30 – 12:00

Endogeneity in Panel Data Framework: Application to Conditional Production Frontier

Camilla Mastromarco (University of Calabria), Léopold Simar (UC Lovain), Anne Vanhems (Toulouse)

Speaker: Camilla Mastromarco

12:00 – 12:30

GMM Estimation of Panel Data Models with a Component-specific Higher-order Network Structure

Badi H. Baltagi (Syracuse University), Peter H. Egger (ETH), Michaela Kesina (RWTH Aachen)

Speaker: Michaela Kesina

12:30 – 14:30

Lunch

Gasthaus Fink
(Mustergasse 9 | Via Della Mostra, 9)

14:30 – 15:00

Mind the gap: blind spots in global energy data

Author and speaker:
Antonio Carvalho (Wattage Consulting)

15:00 – 15:30

The economic and geostrategic role of LNG in EU energy transition

Sara Casagrande (University of Trento), Bruno Dallago (University of Trento)

Speaker: Sara Casagrande

15:30 – 16:00

Inference in Matrix-valued Time Series with Common Stochastic Trends and Multi Factor Error Structure

Greta Goracci (Free University of Bozen-Bolzano), Rong Chen (Rutgers University), Simone Giannerini (University of Udine), Lorenzo Trapani (University of Pavia)

Speaker: Greta Goracci

16:00 – 16:30

Coffee Break

16:30 – 17:00

Change detection of cross-border electricity flows

Philip Otto (University of Glasgow), Anna Malinovskaya (Leibniz University Hannover), Rebecca Killick (Lancaster University), Kathryn Leeming (Leicestershire)

Speaker: Philip Otto

17:00 – 17:30

Extreme Weather in Europe: Determinants and Economic Impact

Claudio Morana (University of Milano-Bicocca), Marcelle Chauvet (University of California Riverside), Murilo Silva (University of California Riverside)

Speaker: Claudio Morana

17:30 – 18:00

Hot Attention, Warm Responses: Spatial Dynamics of Climate Concerns and Macroeconomic Effects

Silvia Emili (University of Bologna), Giovanni Angelini (University of Bologna), Marco Maria Sorge (University of Salerno)

Speaker: Silvia Emili

19:30

Dinner

Gasthaus Fink

Event website



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Progetto di ricerca PRIN 2022 PNRR “Consumer behavior, digital platforms and spatial spillover effects in a dual electricity market (SPEX)” Codice progetto: P20227RKF9 - CUP: I53D23006190001

PNRR - Missione 4 “Istruzione e Ricerca” - Componente 2 “Dalla Ricerca all’Impresa” | Investimento 1.1 “Fondo per il Programma Nazionale di Ricerca e Progetti di Rilevante Interesse Nazionale (PRIN)” | Decreto Direttoriale n. 1409 del 14 settembre 2022, Avviso pubblico per la presentazione di Progetti di ricerca di Rilevante Interesse Nazionale (PRIN) da finanziare nell’ambito del PNRR