ENERGY FINANCE ITALIA

Energy Finance Italia 7
Workshop
February 10-11, 2022

Parthenope University of Naples
Palazzo Pacanowsky,
via Generale Parisi 13, 80132 Naples

Programme

Day 1 – February 10, 2022

9:00	**Registration** *room 1.1*
9:20	**Welcome** *room 1.2*
9:30	**Session 1 - Forecasting** *Room 1.2* Chair: Z. Marino 1. B. Uniejewski, *Smoothing Quantile Regression Averaging for probabilistic electricity price forecasting* Co-author(s): R. Weron Discussant: N. Fraccarolo 2. T. Serafin, *Trading on short-term path forecasts of intraday electricity prices* Co-author(s): G. Marcjasz, R. Weron Discussant: P. Manzoni 3. N. Fraccarolo, *Different approaches to the energy load forecasting in the Italian electricity market: comparison between classical statistical methods and a Machine Learning model* Co-author(s): Di Persio Discussant: T. Serafin 4. P. Manzoni, *Is BPTT always the best learning algorithm for RNNs? An application to energy consumption forecasting* Co-author(s): R. Baviera Discussant: B. Uniejewski
11:30	*Coffee break*

12:00	**Keynote Speaker** *Room 1.2* Rafal Weron (Wrocław University of Science and Technology), *Recent advances in electricity price forecasting: A 2022 perspective* Chair: Alessandro Sapio
13:00	*Lunch*
14:00	**Session 2 - Risk management** *Room 1.2* Chair: S. Corsaro *1.* L. Bortolan, *Nailing down volatile temperatures: Examining their effects on asset prices* Co-author(s): L. Bortolan, A. Dey Discussant: V. D'Amato *2.* V. D'Amato, *Energy insurance: satellite data for weather risk insurance* Co-author(s): M. Carannante, S. Forte Discussant: L. Bortolan *3.* L. Bortolan, *Credit Risk Decarbonization: evidence in utility corporate bond* Discussant: A. Salko *4.* A. Salko, *New Insights on Loss Given Default for Shipping Finance: Parametric and Non-Parametric Estimations* Co-author(s): R. D'Ecclesia Discussant: M. Carannante
16:00	*Coffee break*
16:30	**Session 3 - Energy mix and carbon emission trading** *Room 1.2* Chair: C. Pelizzari *1.* C. Halser, *Natural gas pricing on three continents: A review of gas-oil relationships* Co-author(s): F. Paraschiv, M. Russo Discussant: G. Micheli *2.* G. Micheli, *Optimising Italian Electricity and Gas Sectors Coupling in a 2030 Decarbonized Energy System* Co-author(s): M.T. Vespucci, L. Tagliabue, D. Siface Discussant: P. Falbo *3.* P. Falbo, *Is the ETS an effective environmental policy? Undesired interaction between energy-mix, fuel-switch and electricity prices* Co-author(s): A. Bersani, L. Mastroeni Discussant: P. De Ponti *4.* P. De Ponti, *Financial implications of the Emission Trading System: an analysis of volatility spillovers and wavelet coherence* Co-author(s): M. Romagnoli Discussant: C. Halser
18:30	**EFI members meeting**
19:30	**End of Day 1**
20:30	**Social Dinner** - Ristorante *Il Transatlantico*

Day 2 – February 11, 2022

9:30	**Session 4 - Sustainable finance** *Room 1.2* Chair: P. Falbo *1.* R. Castellano, *Value Creation and Sustainable Business Model* Co-author(s): A. Ferrari Discussant: K. Stefanelli 2. R. D'Ecclesia, *ESG score prediction through Random Forest algorithms* Co-author(s): V. D'Amato, S. Levantesi Discussant: R. Castellano *3.* K. Stefanelli, *Energy ETF: does the exclusion of fossil fuels fund affect the financial performances? An empirical analysis* Co-author(s): R. D'Ecclesia, G. Morelli Discussant: J. Volpi *4.* J. Volpi, *Optimal fee so to access to the right of providing the reputational guarantees in the Italian distribution contracts* Co-author(s): E. Bettenzoli, P. Falbo, R. Grassi Discussant: R. D'Ecclesia
11:30	*Coffee break*
12:00	**Keynote Speaker** *Room 1.2* Helyette Geman (Birkbeck -University of London & Johns Hopkins University), *Energy Transition and Green Cryptocurrencies* Chair: Rita D'Ecclesia
13:00	*Lunch*
14:00	**Session 5 - Renewables** *Room 1.2* Chair: T. Vargiolu *1.* A. Facchini, *Composing renewable generation portfolia based on weather data: a first case study in Tuscany* Co-author(s): U. Perna, A. Rubino Discussant: G. D'Amico 2. G. D'Amico, *A stochastic model for the penalties of a wind farm under a ramp-rate limitation policy* Co-author(s): S. Vergine Discussant: C. Pelizzari *3.* A. Awerkin, *Optimal installation of renewable electricity sources: the case of Italy* Co-author(s): T. Vargiolu Discussant: A. Facchini *4.* P. Vellucci, *The impact of Clean Spark Spread expectations on storage hydropower generation* Co-author(s): C. Condemi, L. Mastroeni Discussant: A. Awerkin

16:00	*Coffee break*
16:30	**Session 6 - Energy and commodity markets** *Room 1.2* Chair: F. Fontini *1.* C. Bonaldo, *The Energy Transition and the Value of Capacity Remuneration Mechanisms* Co-author(s): F. Fontini, M. Moretto Discussant: L. Giordano *2.* L. Giordano, *A fractional Brownian - Hawkes model for the Italian electricity spot market: estimation and forecasting* Co-author(s): D. Morale Discussant: P. Sabino *3.* P. Sabino, *Normal Tempered Stable Processes and the Pricing of Energy Derivatives* Discussant: G. Morelli *4.* G. Morelli, *Stochastic Ordering of Systemic Risk in Commodity Markets* Discussant: C. Bonaldo
18:30	**Closing remarks**