



UNIVERSITÀ
DEGLI STUDI
DI BRESCIA

DIPARTIMENTO DI ECONOMIA E MANAGEMENT



2nd Workshop

***“Research Dialogues on the Complexity of
the Energy Transition”***

6-7 December 2023

Brescia (IT)



UNIVERSITÀ
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FONDAZIONE ENI
ENRICO MATTEI



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Italian Association of Environmental
and Resource Economists



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The workshop, organized in hybrid mode, will focus on innovative methodological tools in the field of the energy transition. Researchers will present new modelling approaches and applications, while also engaging in discussions about further extensions in this area of study. The event will be structured into two distinct sessions. On day 1, we will have a session dedicated to micro modelling, uncertainty and applications, Day 2 will feature a session on macro modelling and applications. Each session will consist of presentations of research papers, including those at an early stage, along with dedicated time for research debate. Additionally, there will be a special session for PhD students to present their work.

Scientific committee: Davide Bazzana (Università degli studi di Brescia, FEEM), Simone Borghesi (Università di Siena), Peter Kort (Tilburg University), Veronica Lupi (University of Amsterdam), Irene Monasterolo (EDHEC Business School), Claudia Nunes (University of Lisbon), Ruslana Palatnik (University of Haifa), Lilit Popoyan (Università degli Studi di Napoli Parthenope) Jacco Thijssen (University of York), Sergio Vergalli (Università degli studi di Brescia, FEEM).

Organizing committee: Davide Bazzana (Università degli studi di Brescia, FEEM), Emanuele Ciola (Università degli studi di Brescia, FEEM), Nicola Comincioli (Università degli studi di Brescia, FEEM), Sergio Vergalli (Università degli studi di Brescia, FEEM).

Location: University Rectorate, Palazzo Martinengo Palatini

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Wednesday, 6th of December

Online Link: <https://meet.google.com/nmh-remn-ecz>

9:30-10.00 Welcome Address.

Prof. Sergio Vergalli, University of Brescia and Fondazione Eni Enrico Mattei.

10.00-11:00 Session 1

Chair: Sergio Vergalli (UniBS, FEEM)

- Giorgio Rizzini (SNS), *“Strategic energy flows in input-output relations: A temporal multilayer approach”*
- Marta Castellini (UniPD, FEEM) *“Renewable energy communities, digitalization and information”*

11:00-11:30 Coffee Break

11:30-13:00 Session 2

Chair: Peter Kort (Tilburg University)

- Verena Hagspiel (Norwegian University of Science and Technology), *“Renewable Subsidy Retraction Uncertainty: Is It Always Bad?”*
- Edouard Civel (Square Research Center and Climate Economics Chair), *“Green premium or manipulation? Regression discontinuity design application on French energy labels”*
- Jacco Thijssen (University of York), *“Capacity Investment and Market-Driven Price Caps in Electricity”*

13:00-14:00 Lunch

14:00-15:30 Session 3

Chair: Sergio Vergalli (UniBS, FEEM)

- Fulvio Fontini (UniPD), *“The Energy Transition and the Value of Capacity Remuneration Mechanisms”*
- Yishay Maoz (The Open University of Israel), *“An adverse effect of an anticipated tax change: Investment runs in competitive equilibrium”*
- Matteo Mazzarano (UniSI), *“Should I offset or should I plow? Voluntary Carbon Offsets and ETS in an evolutionary model”*

16:00-18:00 **Round table: Free thoughts on the future**

YouTube Channel: <https://www.youtube.com/watch?v=leSVM-ASoso>



Chair: Sergio Vergalli (UniBS, FEEM)

- Michael Spence (Stanford University, Nobel Prize 2001) (*pre-recorded*);
- Robert O. Mendelsohn (Yale University);
- Alessio D'Amato (Italian Association of Environmental and Resource Economists, Università di Roma Tor Vergata);
- Enrico Calzavacca (CTIO, AB Energy Spa);
- Simone Borghesi (University of Siena, European Association of Environmental and Resource Economists, European University Institute);
- Verena Hagspiel (Norwegian University of Science and Technology);
- Francesca Morandi (Head of External Relations, Siderweb Spa SB);
- Giovanni Pedrini (Sales Coordinator, Cromodora Wheels Spa);
- David Card (Berkeley University of California, Nobel Prize 2021) (*pre-recorded*);
- Dirk Bergemann (Yale University);
- Phoebe Koundouri (Athens University of Economics and Business, European Association of Environmental and Resource Economists);
- Francesco Besacchi (CIO, Feralpi Spa);
- Luca Zanchi (Responsabile Area Sostenibilità, Fedabo Spa).

Wednesday
December 6th, 2023
h 4 - 5 and 5 - 6 pm CET

Hybrid event
Università degli Studi di
Brescia, Salone Apollo

**FREE THOUGHTS
ON THE FUTURE**

Moderated by
Sergio Vergalli
(UniBS and FEEM)



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20:00-22:00 **Social Dinner**

Trattoria Due Stelle, Via San Faustino, 46, Brescia

Thursday, 7th of December

Online link: <https://meet.google.com/oyf-pdwu-tzj>

10:00–11:00 **Session 4**

Chair: Davide Bazzana (UniBS, FEEM)

- Chiara Casoli (FEEM), *“Parallel PATHs: structural scenarios for environmental impacts in a Bayesian Structural GVAR model”*
- Massimo Ferrari (ECB), *“Gas price shocks and euro area inflation”*

11:00-11:30 **Coffee Break**

11:30-13:00 **Session 5**

Chair: Davide Bazzana (UniBS, FEEM)

- Enrico Turco (UniCatt, FEEM), *“Warming the MATRIX: a climate assessment under uncertainty and heterogeneity”*
- Camilla Gusperti (FEEM), *“Carbon Capture Utilization and Storage into the RICE-FEEM Model”*
- Roberto Fei (UniBO), *“Navigating electoral cycles and investment dynamics under climate policy uncertainty”*

13:00-14.00 **Lunch**

14:00-15:00 **Session 6 - PhD session**

Chair: Davide Bazzana (UniBS, FEEM)

- Samantha Coccia (Università Politecnica delle Marche), *“Inflation, inequality and financial vulnerability: monetary vs. fiscal policy in the face of an energy shock”*
- Ilenia Gaia Romani (UniBS, FEEM), *“Understanding the future of critical raw materials for the energy transition: a SVAR model for the US market”*

15:00-15:30 **Coffee Break**

15:30-16:30 **Session 7 - PhD session**

Chair: Davide Bazzana (UniBS, FEEM)

- Chiara Leggerini (UniBS), *“Unveiling the Future: A Comprehensive Analysis of Innovation Drivers in European Hydrogen Technologies”*
- Marco Compagnoni (UniTN), *“Extended producer responsibility and trade flows in waste: The case of batteries”*