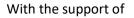**Workshop Program**

Research Dialogues on

the complexity of the energy transition

Brescia, 6-7 December 2021

Hybrid mode

Salone Apollo, Palazzo Martinengo Palatini,
Piazza del Mercato, 15, 25121 Brescia BS

With the support of

FONDAZIONE ENI
ENRICO MATTEI

Monday, 6th of December

9:30-9:45 **Welcome Address.**
Prof. Maurizio Tira, Rector of the University of Brescia,
Prof. Sergio Vergalli, University of Brescia and Fondazione Eni Enrico Mattei.

9:45-12:30 **Session 1 – Modelling uncertainty, energy and climate**
Chair: Sergio Vergalli (Unibs, FEEM) - on site.

9:45-10:00 **Seminar 1,** Verena Hagspiel (NTNU University), Peter Kort (Tilburg University), Jacco Thijssen (University of York), Maria Lavrutich (NTNU University) - on site / online.
Research challenges in Modelling uncertainty, energy and climate.

10:00-10:30 **Seminar 2**, Fulvio Fontini, Cinzia Bonaldo (Unipd) – on site.
Energy transition and capacity remuneration mechanism.

10:30-11:00 **Seminar 3**, Paolo Falbo (Unibs) – on site.
Optimal incentive in Electric Vehicle Adoption.

11:00-11:30 **Seminar 4**, Marina Bertolini (Unipd) – online.
Agents' interaction in the new energy markets: regulation and investment needs.

12:00-14:30 **Lunch**

14:30-18:00 **Session 2 – Uncertainty, energy and climate: applications**
Chair: Sergio Vergalli (Unibs, FEEM) - on site.

14:30-15:00 **Seminar 6**, Ivan Gufler (Luiss University) - on site.
EU Post-COVID-19 Green Policy Announcements and Sectoral Equity Returns.

15:00-15:30 **Seminar 7**, Yishay D. Maoz (The Open University of Israel) – online.
Market entry and production externalities under uncertainty: cap or tax?

15:30-16:00 **Seminar 8**, Hamed Ghoddusi (California Polytechnic State University), - on line
Modeling Renewable Certificates Markets under Uncertainty: Progress and Challenges.

16:00-16:30 **Seminar 9**, Giorgio Rizzini (Bicocca University) - on site.
ETS, Emissions and the Energy-Mix Problem

16:30-17:00 **Seminar 10**, Marta Castellini (Unibs, FEEM)- on site.
Energy communities and the energy transition

17:00-17:30 **Research Round Table**, Sergio Vergalli (Unibs, FEEM), Peter Kort (Tilburg University) – on site.
Research dialogues on future potential contributions on the session topic.

20:00 **Social Dinner**

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Tuesday, 7th of December

9:00–18:00 **Session 3 – Macroeconomic Modelling for energy transition and climate change**
Chair: Sergio Vergalli (Unibs, FEEM) - on site.

9:15-9:45 **Seminar 1**, Monasterolo Irene (EDHEC Business School, EDHEC-Risk) – online.
Assessing the double materiality of climate financial risks in the EU economy and banking sector.

9:45-10:15 **Seminar 2**, Marco Raberto (Unige) – online.
Policies for the net zero in an agent-based model.

10:15-10:45 **Seminar 3**, Emile Chappin (Delft University of Technology) – online.
Agent-based modelling of EU energy policy.

10:45-11:00 **Short Break**

11:00-11:30 **Seminar 4**, Ilenia Romani (FEEM) - on site.
Growth and emissions' trends from the Italian Recovery Plan: a preliminary analysis.

11:30-12:00 **Seminar 5**, Chiara Castelli (Unibs, FEEM), Marta Castellini (Unibs, FEEM), Camilla Gusperti (FEEM), Veronica Lupi (Unimi, FEEM) – on site.
A regional integrated assessment model for the Mediterranean Region.

12:00-12:30 **Seminar 6**, Mattia Guerini (Unibs) – on site.
Firm liquidity and solvency under the Covid-19 lockdown in France.

12:30-14:30 **Lunch.**

14:30-15:00 **Seminar 7**, Philipp Harting (Universitat Bielefeld), – online.
Governance Structure, Technical Change and Industry Competition.

15:00-15:30 **Seminar 8**, Matheus Grasselli (McMaster University) – online.
Stock-flow consistent Climate-Economic models.

15:30-16:00 **Seminar 9**, Davide Bazzana (Unibs, FEEM), Emanuele Ciola (FEEM), Enrico Turco (FEEM), Andrea Gurgone (FEEM), Francesco Menoncin (Unibs, FEEM), Sergio Vergalli (Unibs, FEEM) – on site.
Charging the macroeconomy with an energy sector: introducing the MICE model.

16:00-18:00 **Discussion**, Sergio Vergalli (Unibs FEEM), Herbert Dawid (University of Bielefeld) - on site, online.
Macro models and policy challenges for the energy transition.

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