Investments, Energy, and Green Economy

PROGRAMME
Friday 26 April

09:00 - 09:15 Welcome Address

09:15 - 10:00 "Keynote Lecture: "Innovation and Real Options"
Peter M. Kort (University of Tilburg and University of Antwerp)

- Session 1 -
10:00 – 10:35 "Multi-objective infrastructure investment under uncertainty"
Maria Lavrutich (Norwegian University of Science and Technology), Verena Hagspiel (Norwegian University of Science and Technology) and Afzal S. Siddiqui (University College London)
Discussant: Marta Biancardi (University of Foggia)

10:35 – 11:10 "Green Capacity Investment under Subsidy Withdrawal Uncertainty"
Roel N. G. Nagy (Norwegian University of Science and Technology), Verena Hagspiel (Norwegian University of Science and Technology) and Peter M. Kort (University of Tilburg and University of Antwerp)
Discussant: Dimitrios Zormpas (University of Bologna)

11:10 - 11:25 Coffee Break

11:25 – 12:00 “Strategic Technology Switching under Risk Aversion and Uncertainty”
Lars Hegnes Sendstad (Norwegian University of Science and Technology) and Michail Chronopoulos (City, University of London, Cass Business School and Norwegian School of Economics)
Discussant: Carlos Oliveira, (Universidade de Lisboa)

12:00-12:35 “Optimal regulation of continuous energy network expansion when costs are stochastic”
Gijsbert Zwart (University of Groningen)
Discussant: Maria Lavrutic, (Norwegian University of Science and Technology)

12:35 - 14:00 Lunch
PROGRAMME
Friday 26 April

- Session 2 -

14:00 - 14:35 “Optimal investment in CO2 reduction technologies: CO2 tax versus EU-ETS”
Jacco Thijssen, (University of York), Peter M. Kort (University of Tilburg and University of Antwerp), Tine Compernolle (University of Antwerp)
Discussant: Fulvio Fontini (University of Padova)

14:35 – 15:10 "The strategic role of public authority in the management of water resource"
Marta Biancardi (University of Foggia), Lucia Maddalena (University of Foggia), Giovanni Villani (University of Bari)
Discussant: Roel N. G. Nagy (Norwegian University of Science and Technology)

15:10-15:45 “Green investment under time-dependent subsidy”,
Carlos Oliveira (Universidade de Lisboa), Verena Hagspiel (Norwegian University of Science and Technology), Claudia Nunes (Universidade de Lisboa), Manuel Portela (Universidade de Coimbra)
Discussant: Marta Castellini (University of Brescia)

15:45 - 16:00 Coffee Break

16:00 – 16:35 “Oil Market and Mothballing”
Verena Hagspiel, (Norwegian University of Science and Technology), Nicola Comincioli (University of Brescia), Peter Kort, (University of Tilburg), Francesco Menoncin, (University of Brescia), and Sergio Vergalli (University of Brescia and FEEM)
Discussant: Gijsbert Zwart, (University of Groningen)

16:35 - 17:10 “Photovoltaic Smart Grids in the prosumers investment decisions: a real option model”
Marta Castellini (University of Brescia), Francesco Menoncin (University of Brescia), Michele Moretto (University of Padova) and Sergio Vergalli (University of Brescia and FEEM)
Discussant: Giulio Galdi, (University of Trento)

17:10 – 17:45 “Over and Under-adoption of Environmental Adaptation Technologies with Public Effects”
Guido Galdi (University of Trento), Antonio Antoci (University of Sassari) and Simone Borghesi (University of Siena and European University Institute)
Discussant: Nicola Comincioli, (University of Brescia)

17:45 – 18:15 “Investment in a Smart Grid under Uncertainty: the prosumer perspective”
Sergio Vergalli (University of Brescia and FEEM), Luca Di Corato (University Cà Foscari Venezia), Marta Castellini (University of Brescia), and Michele Moretto (University of Padova)
Discussant: Giulio Galdi, (University of Trento)

19:30 - 20:00 Conference Dinner (Trattoria al Fontanone, Via dei Musei, 47 A)
PROGRAMME
Saturday 27 April

- Session 3 -

09:00 - 09:35 “Optimal Management of Pumped Hydroelectric Production With State Constrained Optimal Control”
Athena Picarelli (University of Verona) and Tiziano Vargiolu (University of Padova)
Discussant: Jacco Thijssen (University of York)

09:35 - 10:10 “Flexibility Premium in Marketable Permits”
Luca Taschini, (University of Verona)
Discussant: Cristian Pelizzari (University of Brescia)

10:10 - 10:45 “Variables reduction in sequential resource allocation problems”
Tiziano Vargiolu (University of Padova) and Juri Hinz (University of Technology Sydney)
Discussant: Athena Picarelli (University of Verona)

10:45 - 11:00 Coffee Break

11:00-11:35 “Optimal Integration of Energy Trading and Battery Energy Storage Systems with Renewables”
Cristian Pelizzari (University of Brescia), Paolo Falbo (University of Brescia), Juri Hinz (University of Technology Sydney),
Piyachat Leelasilpasart (University of Technology Sydney)
Discussant: Tiziano Vargiolu (University of Padova)

Paolo Falbo (University of Brescia), Alberto Bersani (University La Sapienza), Loretta Mastroeni (University Roma Tre)
Discussant: Luca Taschini (University of Verona)

12:10-12:45 “Investing in electricity production under a reliability options scheme”
Dimitrios Zormpas (University of Bologna), Fulvio Fontini (University of Padova) and Tiziano Vargiolu (University of Padova)
Discussant: Francesco Menoncin (University of Brescia)

12:45 Lunch