

ADVANCES IN MACRO AND FINANCE MODELLING OF CLIMATE CHANGE

17-18 March 2022
(Webex)

Keynotes: Valérie Masson-Delmotte
Warwick McKibbin
Christian Gollier

Organizers: Jean-Guillaume Sahuc & Stéphane Déès



THURSDAY 17 MARCH

- 9:00-9:20 Registration
9:20-9:40 Welcome by Olivier Garnier
9:40-10:40 Keynote – Warwick McKibbin

SESSION 1: STRUCTURAL MODELLING OF CLIMATE CHANGE (chair: Katheline Schubert)

- 10:40-11:20 *Environmental Subsidy as a Technology Greener*
Eric Jondeau, Grégory Levieuge, Jean-Guillaume Sahuc & Gauthier Vermandel
- 11:20-11:40 Break
- 11:40-12:20 *Climate Policy, Financial Frictions, and Transition Risk*
Garth Heutel, Stefano Carattini & Givi Melkadze
- 12:20-13:00 *Suboptimal climate policies: non-uniform and indirect taxation of CO2*
John Hassler, Per Krusell & Conny Olovsson
- 13:00-14:30 Lunch
- 14:30-15:30 Keynote – Valérie Masson-Delmotte

SESSION 2: CLIMATE CHANGE AND MONETARY POLICY (chair: Benoit Mojon)

- 15:30-16:10 *Climate Actions, Market Beliefs, and Monetary Policy*
Barbara Annicchiarico, Fabio Di Dio & Francesca Diluiso
- 16:10-16:30 Break
- 16:30-17:10 *Whatever it Takes to Save the Planet? Central Banks and Unconventional Green Policies*
Alessandro Ferrari & Valerio Nispi Landi
- 17:10-17:50 *Climate Change Mitigation: How Effective is Green Quantitative Easing?*
Raphael Abiry, Marien Ferdinandusse, Alexander Ludwig & Carolin Nerlich

FRIDAY 18 MARCH

- 9:00-9:10 Reception
9:10-10:10 Keynote – Christian Gollier

SESSION 3: CLIMATE STRESS TESTING (chair: Jean Boissinot)

- 10:10-10:50 *Climate Stress Testing*
Hyeyoon Jung, Robert Engle & Richard Berner
- 10:50-11:10 Break
- 11:10-11:50 *A Finance Approach to Climate Stress Testing*
Henk Jan Reinders, Dirk Schoenmaker, & Mathijs A. Van Dijk
- 11:50-12:30 *Do Investors Care about Carbon Risk?*
Patrick Bolton & Marcin Kacperczyk
- 12:30-14:00 Lunch