



ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA  
SCHOOL OF ECONOMICS, MANAGEMENT, AND STATISTICS

# International Workshop on The Economics of Climate Change and Sustainability



**RIMINI CAMPUS-CITY MUSEUM**

**APRIL 28-29, 2017**

**Website**

**<https://events.unibo.it/workshop-eccs>**

# **INTERNATIONAL WORKSHOP ON “THE ECONOMICS OF CLIMATE CHANGE AND SUSTAINABILITY”**

**Rimini, 28-29 April 2017**

## **PROGRAMME**

28 April 2017

**MUSEO DELLA CITTA’, via L. Tonini, 1 - RIMINI**

**Museo della Città, Sala del Giudizio**

**9.40-10.00 Registration**

**10.00-10.10 Welcome address**

**10.10-12.30. Chair: Anastasios Xepapadeas**

**Lucas Bretschger**, *Macroeconomic Analysis of Climate Change*

**Larry Karp** (Terry Iverson), *Carbon Taxes and Commitment with non-constant Time Preference*

**Thomas Sterner**, *International Climate Economics: the Importance of Treaties and Politics versus underlying trends in Technology and Taste*

**Aart de Zeeuw** (Rick van der Ploeg), *Climate Tipping and Economic Growth: Precautionary capital and the price of carbon*

12.30-14.20. Lunch buffet (Museo della Città, Terrazzo del Lapidario Romano) and free guided tour at the Museo della Città

**14.20-16.20**

**A. Museo della Città, Sala del Giudizio- Chair: Hermann Held**

**Elisabeth Baldwin** (Yongyang Cai, Karlygash Kuralbayevaz), *Build Today, Regret Tomorrow? Infrastructure and Climate Policy*

**Hermann Held**, *Cost Risk Analysis: Dynamically Consistent Decision-Making under Climate Targets*

(M. M. Khabbazan), **Elnaz Roshan** (H. Held), *Cost-Risk Trade-off of Solar Geoengineering and Mitigation – Considering Regional Disparities under Probabilistic Climate Sensitivity*

**Koji Tokimatsu** (Kentaro Yoshida, Kayo Murakami, Norihiro Itsubo, Koichi Kuriyama, Rieko Yasuoka, Masahiro Nishio). *Benefit Transfer in an IAM: how is it important?*

**Louis Dupuy** (Koji Tokimatsu, Nick Hanley), *Using Genuine Savings for Climate Policy Evaluation with an IAM*

(Julie Ing), Jean-Philippe **Nicolai**, *Public Transfers of Climate-mitigation Technologies: The Crowding-out Effect on Relocation*

**B. Museo della Città, Sala degli Arazzi – Chair: Jascha Tutt**

**Andy Mehmeti** (et al), *High Temperature Fuel Cells for Energy Sustainability: Opportunities and Challenges*

**Chiara Ravetti** (Tania Theoduloz, Giulia Valacchi), *Buy Coal or Kick-start Green Energy? An Open Economy Perspective*

**Lorenza Campagnolo**, *Can Paris deal boost SDGs Achievement? An Assessment of Climate Mitigation co-benefits or side-effects on Poverty and Inequality*

**Edoardo Croci** (Benedetta Lucchitta, Janssens-Maenhout, Simone Martelli, Tania Molteni) *Urban CO2 mitigation Strategies under the Covenant of Mayors: an Assessment on 124 European cities.*

(Michael Berlemann, Max Steinhardt), **Jascha Tutt**, *Do Natural Disasters affect Individual Savings? Evidence from a Natural Experiment in a highly Developed Country*

**Milan Ščasný** (Iva Zvěřinová, Alistair Hunt, Zuzana Martínková), *Nature-based, structural, or soft measures of adaptation? Preferences for Climate Change Adaptation Measures to limit Damages from Floods and Droughts*

**16.20 - 16.50** coffee break

**16.50 - 18.35**

**Museo della Città, Sala del Giudizio, Rimini – Chair: Elettra Agliardi**

**Carolyn Fischer** (William. A. Pizer), *Equity Effects in Energy Regulation*

**Antony Millner** (Daniel Heyen), *Valuing Predictability*

**Anastasios Xepapadeas**, *Spatio-temporal Aspects of Climate Change Policies*

**29 April 2017**

**Via Angherà 22, University of Bologna, Rimini Campus - RIMINI**

**8.20-10.20**

**A. Room Aula Magna. Chair: Sandy Dall'Erba**

Karolina **Safarzyńska**, *Policy Lessons from Integrating Behavioral Economics in Climate-economy Models*

Jinshan **ZHU**, *The Economics of Greenhouse Gas reduction and Stratospheric Aerosol Injection*

Sandy **Dall'Erba**, *The Ricardian Model Of Climate Change Impact Meets The Ricardian Model Of Interregional Trade: Theory And Evidence*

Simone **Borghesi** (Giorgia Giovannetti, Gianluca Iannucci, Paolo Russu), *The Dynamics of Foreign Direct Investments in Land and Pollution Accumulation*

Mathias **Mier** (Klaus Eisenack), *Policy Implications in a World with Renewables, limited Dispatchability, and Fixed Prices*

**Stefan Borsky** (Paul A. Raschky), *Renewable Resources, Inter-annual Weather Variability and Regional Economic Activity: The Case of Maritime Fishery in Africa*

**B. Room Angherà 3. Chair: Stergios Athanasoglou**

Emanuele **Masseti**, *Statistical Learning for Climate Change Impact Research: an Application to US Agriculture.*

Mariia **Belaia** (Nicole Glanemann), *Can India Prevent Summer Monsoon Extremes? An Integrated Assessment of Climate Change and Environmental Policies*

Thomas **Alexopoulos** (E. Agliardi, C. Cech), *On the Relationship between GHGs and Global Temperature Anomalies: Multi-level rolling analysis and Copula calibration*

Mehmet **Pinar** (Melania Michetti), *Shedding Light on Deadly Flames: what drives Fires in Italian Forests*

Stergios **Athanasoglou** (Valentina Bosetti, Lauren Drouet), *A Simple Framework for Climate-Change Policy under Model Uncertainty*

10.20-10.40 Coffee Break

**10.40-12.20**

**A. Room Aula Magna. Chair: Elisa Delpiazzo**

Anton **Hartl**, *Some Doubts about the Carbon Leakage Effects of the Kyoto Protocol*

Moritz **A.Drupp** (Martin Hansel), *The Relative Price of Environmental Goods and Climate Policy Evaluation*

Tiziano **Distefano**, (Simone D'Alessandro), *An Evolutionary Approach to International Environmental Agreements*

Ingrid **Dallmann**, *Weather Shocks and International Trade*

**Delpiazzo Elisa** (Bosello, Brown, Hinkel, Lincke, Parrado), *Planned Adaptation to Sea level rise: and Economy-wide Assessment.*

**B. Room Angherà 3. Chair: Johannes Emmerling**

Johannes **Emmerling** (Massimo Tavoni), *The Risk of Unilateral Climate Engineering*

(Angelo Antoci, Simone Borghesi), **Gianluca Iannucci** (Paolo Russu), *In and Out of the Market: ETS and Technological Innovation in a Dynamic Evolutionary Model*

Soheil **Shayegh** (Vassiliki Manoussi and Massimo Tavoni), *Carbon Dioxide Removal and Outgassing from the Ocean*

François **Cohen** (Antoine Dechezleprêtre), *Mortality Inequality, Temperature, and Public Health Provision: Evidence from Mexico*

Stefan **Nabernegg** (Birgit Bednar-Friedl, Fabian Wagner, Thomas Schinko, Janusz Cofala, Yadira Mori Clement), *The Deployment of Low Carbon Technologies in Energy Intensive Industries: A Macroeconomic Analysis for Europe, China and India*

**12.20-13.00 Room Aula Magna. Chair: Anastasios Xepapadeas**

**Rick van der Ploeg**, *Challenges in Climate Policy: Dealing with Conflicting Views on Global Warming*

13.00- 14.00 Lunch Buffet

**END OF SESSIONS**