



Research Division on  
Climate Impacts and Policy



Research Programme on  
Climate Change and Sustainable Development

## Climate Change and Sustainable Development Economics

Third Convention of CMCC and FEEM Research Programme on Climate Change and Sustainable Development

**November, 24<sup>th</sup> – 26<sup>th</sup>, 2014**

Island of San Giorgio Maggiore, Venice, Italy

### First Day – November 24<sup>th</sup>, 2014 - Monday

11:45 – 12:00 **Welcome Address:**  
**Giuseppe SAMMARCO**, Executive Director, FEEM  
**Carlo CARRARO**, Director, Climate Change and Sustainable Development Programme

12:00 – 13:00	<b>KEYNOTE ADDRESS</b> <b>Lucas BRETSCHGER</b> , ETH Zurich, EAERE President Elect Theoretical foundations of climate change economics
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13:00 – 14:00 *Lunch*

14:00 – 17:10 **SESSION 1: POLICY**  
Chairperson: Johannes EMMERLING

14:00 – 14:30 **Preferences for Energy Efficiency vs. Renewables: How Much Does a Ton of CO2 Emissions Cost?**

Anna Alberini, Andrea BIGANO

14:30 – 14:40 Discussion

14:40 – 15:10 **Optimal climate policy under socioeconomic scenario uncertainty**

Laurent DROUET, Johannes Emmerling

15:10 – 15:20 Discussion

15:20 – 15:50 *Coffee break*

15:50 – 16:20 **Limited Sectoral Trading between the EU ETS and China**

Claire GAVARD, Niven Winchester, Sergey Paltsev

16:20 – 16:30 Discussion

16:30 – 17:00 **Environmental Policy and the diffusion of Green and Brown Technologies**

Valentina Bosetti, Elena VERDOLINI

17:00 – 17:10 Discussion

17:20 – 18:20	<b>KEYNOTE ADDRESS</b> <b>Anastasios XEPAPADEAS, Athens University of Economics and Business</b> Cooperation and Competition in Climate Change Policies: Mitigation and Climate Engineering when Countries are Asymmetric
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**18:30**            **GUIDED TOUR at *Giorgio Cini Foundation***  
**20:15**            **SOCIAL DINNER at *Antico Calice Restaurant***

**Second Day – November 25<sup>th</sup>, 2014 – Tuesday**

9:00 – 10:00	<b>KEYNOTE ADDRESS</b> <b>Phoebe KOUNDOURI, Athens University of Economics and Business, London School of Economics and ICRE8: International Center for Research on the Environment and the Economy</b> Integrating Economic Values in Interdisciplinary Management of Natural Resources & other Public Goods
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10:00 – 13:10    **SESSION 2:            RISKS, CATASTROPHES, INSURANCE**  
 Chairperson: Jaroslav MYSIAK

10:00 – 10:30    **Flood depth - damage curves for Northern Italy**  
 Mattia AMADIO  
 10:30 – 10:40    Discussion

10:40 – 11:10    **Model Uncertainty, Climate Change, and Catastrophes**  
 Loic BERGER, Johannes Emmerling, Massimo Tavoni  
 11:10 – 11:20    Discussion

11:20 – 11:50    *Coffee break*

11:50 – 12:20    **The economics of flood risk in Italy under current and future climate**  
 Lorenzo CARRERA, Gabriele Standardi, Elco Koks, Luc Feyen, Jeroen Aerts, Jaroslav Mysiak, Francesco Bosello

12:20 – 12:30    Discussion

12:30 – 13:00    **What role for income stabilization insurance in EU agriculture? The case of the Regione Emilia Romagna in Italy**

Carlos Dionisio PÉREZ-BLANCO, Jaroslav Mysiak

13:00 – 13:10    Discussion

13:10 – 14:30    *Lunch*

14:30 – 17:40    **SESSION 3:            MITIGATION**  
 Chairperson: Enrica DE CIAN

14:30 – 15:00    **Interactions between climate change and air pollution policies – Results of the WITCH integrated assessment model**

Lara ALELUIA REIS, Laurent Drouet, Massimo Tavoni

15:00 – 15:10    Discussion

- 15:10 – 15:40 **A multi-model regional decomposition of CO2 emissions: what are the main drivers affecting regional differences?**  
Michele Maurizio MALPEDE
- 15:40 – 15:50 Discussion
- 15:50 – 16:20 *Coffee break*
- 16:20 – 16:50 **Sharing the burden of mitigation, adaptation, and damages**  
Enrica De Cian, Andries F. Hof, Giacomo MARANGONI, Detlef P. van Vuuren, Massimo Tavoni
- 16:50 – 17:00 Discussion
- 17:00 – 17:30 **What does the reduced form of the learning curve hide**  
Jan WITAJEWSKI-BALTVILKS, Elena Verdolini, Massimo Tavoni
- 17:30 – 17:40 Discussion
- 17:40 – 18:40 **Policy round table and open discussion**  
**EU 2030 policy framework on energy and climate**  
Coordinated by ICCG
- 20:00 **SOCIAL DINNER at Rossopomodoro Pizzeria**

### Third Day – November 26<sup>th</sup>, 2014 – Wednesday

	<b>KEYNOTE ADDRESS</b>
09:00 – 10:00	<b>Barbara BUCHNER, Climate Policy Initiative</b> The Global Climate Finance Landscape – Barriers and Opportunities

- 10:00 – 13:10 **SESSION 4: IMPACTS**  
Chairperson: Laurent DROUET
- 10:00 – 10:30 **Migration and climate change in rural Africa**  
Cristina CATTANEO, Emanuele Massetti
- 10:30 – 10:40 Discussion
- 10:40 – 11:10 **Climate change impacts on energy use and supply: a global analysis**  
Enrica DE CIAN, Ian Sue Wing, Fabio Farinosi
- 11:10 – 11:20 Discussion
- 11:20 – 11:50 *Coffee break*
- 11:50 – 12:20 **Extending the public sector in ICES to improve climate change impact and policy evaluation considering an explicit government institution**  
Elisa DELPIAZZO, Gabriele Standardi, Ramiro Parrado
- 12:20 – 12:30 Discussion

12:30 – 13:00 **Heterogeneous capital in the ICES model**

James LENNOX, Ramiro Parrado

13:00 – 13:10 Discussion

13:10 – 13:40 **AWARDS ANNOUNCEMENTS**

**Chairperson: Giuseppe SAMMARCO**

**- Annual Award for the best paper presented at the Convention**

Award Committee: Lucas BRETSCHGER, Barbara BUCHNER, Carlo CARRARO (chairperson),  
Carolyn FISCHER, Phoebe KOUNDOURI, Anastasios XEPAPADEAS

**- Research Paper Award**

**FINAL REMARKS: Carlo CARRARO**

13:40 – 14:40 *Lunch*

**End of the Convention**