



Research Division on
Climate Impacts and Policy



Research Programme on
Climate Change and Sustainable Development

Climate Change and Sustainable Development Economics

Second Convention of CMCC and FEEM Research Divisions on Climate Change and Sustainable Development

October, 21st - 23rd, 2013

Island of San Giorgio Maggiore, Venice, Italy

First Day – October 21st, 2013 - Monday

11:45 – 12:00 **Welcome Address**

KEYNOTE ADDRESS

12:00 – 13:00 **Per KRUSELL, Stockholm University, Sweden**
A Global-Economy Climate Model with High Regional Resolution

13:00 – 14:00 *Lunch*

14:00 – 17:10 **SESSION 1: CLIMATE INNOVATION**
Chair: Valentina BOSETTI

14:00 – 14:30 **Influence of RD&D Investments on the Success of Low-Carbon Energy Technologies - Results of the ICARUS project**
Lara ALELUIA REIS, Valentina Bosetti, Michela Catenacci

14:30 – 14:40 Discussion

14:40 – 15:10 **The Impact of Policy Uncertainty on the Generation of R&D Patents in the Wind Industry: Evidence from European Countries**
Pierre Jockers, Valentina Bosetti, Elena VERDOLINI

15:10 – 15:20 Discussion

15:20 – 15:50 *Coffee break*

15:50 – 16:20 **Energy Knowledge Production and Efficiency**
Jan WITAJEWSKI-BALTVILKS, Elena Verdolini, Massimo Tavoni,

16:20 – 16:30 Discussion

16:30 – 17:00 **The Environment and Directed Technical Change: How Important are Capital Stocks?**
James LENNOX, Jan Witajewski-Baltvilks

17:00 – 17:10 Discussion

KEYNOTE ADDRESS

17:20 – 18:20 **Carolyn FISCHER, Resources for the Future, USA**
Technology Issues in Climate Policy

19:30 SOCIAL DINNER and CONCERT - Bacarando in Corte dell'Orso Restaurant

Second Day – October 22nd, 2013 - Tuesday

9:00 – 10:00	KEYNOTE ADDRESS Anthony BIGIO, George Washington University, USA The Emerging Agenda of Urban Resilience
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10:00 – 13:10 **SESSION 2: POLICY**
Chair: Emanuele MASSETTI

10:00 – 10:30 **Does the Swiss Car Market Reward Fuel Efficient Cars? Evidence from Hedonic Pricing Regressions, Matching and a Regression Discontinuity Design**
Anna ALBERINI, Markus Bareit and Massimo Filippini

10:30 – 10:40 Discussion

10:40 – 11:10 **Demand System Analysis for Italian Households: Elasticities and Welfare Effects of RES-E Incentives**

Roberta DISTANTE, Massimo Tavoni, Elena Verdolini

11:10 – 11:20 Discussion

11:20 – 11:50 *Coffee break*

11:50 – 12:20 **The Role and Performance of Economic (Market Based) Policy Instruments in Water Management in Europe: a Semi-Empirical Review**

Jaroslav MYSIAK

12:20 – 12:30 Discussion

12:30 – 13:00 **Accounting for Response Biases in Latent Class Models for Choices and Attitudes**
Maria A. Cunha-e-Sá, Luis C. Nunes, Vladimir OTRACHSHENKO

13:00 – 13:10 Discussion

13:15 – 14:30 *Lunch*

14:30 – 17:40 **SESSION 3: MITIGATION**
Chair: Massimo TAVONI

14:30 – 15:00 **Selection of optimal policies under current knowledge of uncertainty**
Laurent DROUET, Valentina Bosetti, Massimo Tavoni

15:00 – 15:10 Discussion

15:10 – 15:40 **Regional Disaggregation and Uncertainty: Disentangling Preferences and Risk Sharing**

Johannes EMMERLING

15:40 – 15:50 Discussion

15:50 – 16:20 *Coffee break*

- 16:20 – 16:50 **Freight Futures: A Review of the Potential Impact of Road and Rail Freight on Climate Policy**
Thomas LONGDEN
- 16:50 – 17:00 Discussion
- 17:00 – 17:30 **The Clean Energy R&D Strategy for 2°C**
Giacomo MARANGONI, Massimo Tavoni
- 17:30 – 17:40 Discussion

19:30 SOCIAL DINNER - Ae Oche Pizzeria & Restaurant at Zattere

Third Day – October 23rd, 2013 – Wednesday

09:00 – 10:00	KEYNOTE ADDRESS Robert MENDELSON, Yale University, USA A Reassessment of the Damage of Climate Change
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- 10:00 – 13:10 **SESSION 4: IMPACTS**
Chair: Fabio EBOLI
- 10:00 – 10:30 **The Effect of Climate and Socioeconomic Change on Typhoon Impacts in China**
Laura A. BAKKENSEN
- 10:30 – 10:40 Discussion
- 10:40 – 11:10 **Renewed International Commitment for Disaster Risk Reduction**
Elisa CALLIARI, Jaroslav Mysiak
- 11:10 – 11:20 Discussion
- 11:20 – 11:50 *Coffee break*
- 11:50 – 12:20 **Assessing Direct and Indirect Economic Impacts of a Flood Event Using GIS-Based and Sub-National CGE Models**
Lorenzo Carrera, Gabriele STANDARDI, Francesco Bosello, Fabio Farinosi, Jaroslav Mysiak, Fabio Eboli
- 12:20 – 12:30 Discussion
- 12:30 – 13:00 **Drought Impacts on Agriculture: The Po Basin Case Study**
Maria DE SALVO, Jaroslav Mysiak
- 13:00 – 13:10 Discussion

13:10 – 13:30 **AWARDS ANNOUNCEMENTS. Chair: Giuseppe SAMMARCO**
- Annual Award for the Best Presentation at the Convention
Committee: Anthony BIGIO, Carlo CARRARO (chair), Carolyn FISCHER, Robert
MENDELSON, Massimo TAVONI
- Research Paper Award
FINAL REMARKS

13:30 – 14:30 *Lunch*

End of the Convention