



ENERGYA 2nd scientific workshop

Frontiers in climate change adaptation

October 27 – 28, 2022

Ca' Foscari University of Venice,
San Giobbe Campus, Department of Economics,
Meeting Room 1

The workshop “**Frontiers in climate change adaptation**” brings together empirical and modelling methodological approaches that can contribute to advancing our knowledge on climate adaptation. Three scientific sessions will cover the topics of climate adaptation, energy, health, energy poverty. A **co-creation** will involve students interested in the design of a public engagement activity for a photographic exhibition that will open to the public on May 19th, 2023, at Cortile grande Ca' Foscari and CFZ Zattere. The photo exhibition by Gaia Squarci - The Cooling Solution - funded by the ENERGYA project, will showcase stories about adaptation and lack of adaptation, covering stories about heat stress, thermal discomfort, energy poverty, vernacular adaptation, innovative technologies and adaptation solutions.

October 27th 2022

12.30-13.30

Welcome lunch

13.30-15.30

Climate adaptation & inequalities

(Format: 20 min ppt, 5 min discussant, 5 min general discussion)

The four contributions in this session will discuss the heterogeneities of households' adaptation to climate change along different dimensions and across geographical contexts.

Moderated by: **Enrica De Cian**, Ca' Foscari University of Venice

Filippo Pavanello, University of Bologna, *Reducing Unequal Access to Cooling Energy: Evidence from the Residential Electricity Market in India*

Discussant: **Teresa Randazzo**, Università degli studi di Napoli Parthenope

Giacomo Falchetta, Ca' Foscari University of Venice, *The Impact of Air-conditioning on Residential Electricity Consumption across World Countries*

Discussant: **Paula Bezerra**, Universidade Federal do Rio de Janeiro & coppe

Yasmin Romitti, Boston University, *AC inequalities in US cities*

Discussant: **Malcolm Mistry**, LSHTM

Catarina Midoes, Ca' Foscari University of Venice, *Advancing the understanding of Climate's Impacts on Individual Wellbeing*

Discussant: **Giacomo Pasini**, Ca' Foscari University

15.30 - 16.00

Coffee break

16.00-17.30

Climate adaptation & energy use

The three contributions in this session will discuss the heterogeneities of households' adaptation to climate change by changing uses in energy across different geographical contexts.

Moderated by: **Teresa Randazzo**, Università degli studi di Napoli Parthenope

Francesco Pietro Colelli, Ca' Foscari University of Venice, *Intensive and extensive margins of the peak load: measuring adaptation with mixed frequency panel data*

Discussant: **Felix Creutzig**, TU Berlin and MCC

Nicolas Schneider, Boston University (REMOTE), *Energy demand in NYC*

Discussant: **Valerio Dotti**, Ca' Foscari University of Venice

Ivan Faiella, Banca d'Italia, *Households' energy demand across the expenditure distribution*

Discussant: **Silvia Tommasi**, EURAC

19.30

Social dinner

October 28th 2022

9.00-9.30

Welcome coffee

9.30-11.30

Households' vulnerabilities

The four contributions in this session will open a discussion on households' vulnerabilities and resilience to climate and non-climate related shocks and how those might relate to changes in energy prices, digitalization, and energy needs.

Moderated by: **Lorenza Campagnolo**, Ca' Foscari University of Venice & CMCC

Silvia Tommasi, EURAC, *Justice Implications of the Digitalization of Energy Infrastructure: Distributional Effects of Electricity Smart Meters on Italian Households*

Discussant: **Antonella Mazzone**, Oxford University

Paula Bezerra, Universidade Federal do Rio de Janeiro, *The Multidimensionality of Energy Poverty in Brazil: An Historical Analysis*

Discussant: **Paola Valbonesi**, University of Padova

Marinella Davide, Ca' Foscari University of Venice, *Temperature and energy price's impact on mortality in European cities.*

Discussant: **Marcella Veronesi**, DTU

Lorenza Campagnolo, *Distributional implications of climate adaptation: A multi-household analysis of India.*

Discussant: **André Lucena**, Universidade Federal do Rio de Janeiro & coppe

11.30-12.30

Final Discussion: New research avenues in the economics of adaptation

Felix Creutzig, **Marcella Veronesi**, **André Lucena**

12.30-13.30

Lunch

13.30-15.00

Students' presentations from the lab: “public engagement co-creation”

Erica Villa, lab's participants, KlubaiKlan