

15.30-16.00 Coffee

16.00-18.00 **Parallel Sessions 4**

**Session 4A Renewables and innovation.** Chair: Carlos de Miguel

*The impact of policy and uncertainty on innovation in the wind industry: evidence from European countries.*

**Elena Verdolini**, Pierre Jockers and Valentina Bosetti

*The evolution of spatial spillovers in the diffusion of domestic solar photovoltaic panels.*

**Marta Talevi**

*The demand for off-grid solar power. Evidence from rural India's surprisingly competitive retail power market.*

**Anant Sudarshan**, Robin Burgess, Michael Greenstone and Nicholas Ryan

*How much load flexibility a euro can buy? Findings from a choice experiments with companies in the German commerce and services sector.*

**Mark Olsthoorn**, Joachim Schleich, Katharina Wohlfarth and Marian Klobasa

**Session 4B Energy and environmental policies (II).**

Chair: Xavier Labandeira

*Effect of a uniform global carbon price on industry competitiveness.*

**Hauke Ward**, Jan Christoph Steckel and Michael Jakob

*REDD and optimal carbon credits trading.*

Ayumi Onuma and **Eiji Sawada**

*A green Bargain? The impact of an energy saving program on productivity growth in China's iron and steel Industry.*

**Thomas Geissman**, Massimo Filippini, Valerie Karplus and Da Zhang

*Impact of religious participation, social interactions and globalisation on meat consumption and CO<sub>2</sub> emissions. Evidence from India.*

**Suchita Srinivasan** and Massimo Filippini

20.30 Farewell Cocktail

### Workshop Committee

Carlos de Miguel

Massimo Filippini

Xavier Labandeira

Jose M. Labeaga

Andreas Löschel

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energy

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Swiss Federal Institutes of Technology

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Economics and Business Administration for Society

Universidade de Vigo



XUNTA  
DE GALICIA

A Toxa, Galicia (Spain)

21-22 June 2018

# 8<sup>th</sup> Atlantic Workshop on Energy and Environmental Economics

# Program

## Thursday, 21 June

08.00-08.30 Registration

08.30-08.45 **Opening**

08.45-10.45 **Parallel Sessions 1**

**Session 1A Energy efficiency (I).** Chair: Jose M. Labeaga

*The effect of culture on energy efficient vehicle ownership.*

Massimo Filippini and **Tobias Wekhof**

*Cold case. The forensic economics of energy efficiency labels for domestic refrigeration appliances.*

**Timo Goeschl**

*Energy performance certificates and investments in building energy efficiency: a theoretical analysis.*

Pierre Fleckinger, **Matthieu Glachant** and Paul-H. T. Kanga

*Empower the consumer! Energy-related financial literacy and its socio-economic determinants.*

**Nina Boogen**, Julia Blasch, Claudio Damiano and Massimo Filippini

**Session 1B Energy and environmental policies (I)**

Chair: Xavier Labandeira

*Environmental policy and the competitiveness of product markets: the case of electricity.*

Jan Abrell, Jean Philippe Nicolai and **Aleksandar Zaklan**

*Air quality co-benefits of the Paris Agreement: two birds, one stone?.*

**Toon Vanduyck**, Kimon Keramidas, Alban Kitous, Joseph V. Spadaro, Rita Van Dingenen, Mike Holland and Bert Saveyn

*Using machine learning for policy evaluation: the impacts of the UK carbon tax.*

Jan Abrell, **Mirjam Kosch** and Sebastian Rausch

*California's cap-and-trade program and emission leakage: an empirical analysis.*

**Ashish Tyagi**, Chiara Lo Prete and Cody Hall

10.45-11.15 Coffee

11.15-13.15 **Parallel Sessions 2**

**Session 2A Energy efficiency (II).** Chair: Andreas Loeschel

*Disaggregated consumption feedback and energy conservation. Evidence from a randomized controlled trial.*

**Andreas Gerster**, Mark Andor and Lorenz Gotte

*Engaging household in energy saving programs. Field evidence from a foot-in-the door approach with sequential goal-setting.*

**Martin Kesternich**, Maksymilian Kochanski and Katarzyna Korczak

*Energy efficiency, information and the acceptability of rent increases: a multiple price list experiment with tenants.*

**Lang Ghislaine** and Bruno Lanz

*Fostering energy efficiency in fashion retailers: a field experiment.*

Xavier Labandeira and **Maria Loureiro**

**Session 2B Theoretical approaches.** Chair: Carlos de Miguel

*Optimal fiscal policy when tastes are inherited and environmental quality matters.*

**Stephane Bouche** and Carlos de Miguel

*The economics of renewable energy support.*

**Jan Abrell**, Sebastian Rausch and Clemens Streitberger

*The rationale for utility demand-side management, revisited.*

**Jean-Philippe Nicolai**, Louis-Gaetan Giraudet and Matthieu Glachant

*Competitive pressure and emission-reducing innovation.*

**Oliver Schenker** and Claudio Baccianti

13.15-14.15 Lunch

14.15-16.15 **Poster session.** Chair: Jose M. Labeaga

*Clean energy investment and credit rationing.*

Christian Haas and **Karol Kempa**

*Radioactive: are nuclear power plant outages in France contagious to the German electricity price?*

**Sonja Rinne**

*Optimal contractual organization in commodity industries.*

**Clement Nouail**

*Energy efficiency of residential buildings in the European Union. An exploratory analysis of cross-country consumption patterns.*

Petrik Runst, **Anita Thonipara**, Kilian Bizer and Christian Ochsner

*A CAPM Analogous multi-stage model for setting a path towards a decarbonized power generation portfolio.*

**Paulino Martinez**, Fernando de-Llano, Anxo Calvo and Isabel Soares

*Analysis of the brand influence in the rockets and feather effect using disaggregated data.*

**F. Javier Palencia-Gonzalez**, Julio Navio-Marco and Gema Juberias

*The economic and environmental effects of an environmental fiscal reform in a dynamic CGE framework.*

**Jaume Freire-Gonzalez** and Mun Ho

*Taxation, tax incentives or public financing. How to successfully incentivize firms' green behavior?.*

Jose Garcia-Quevedo, **Ester Martinez-Ros** and Kinga Tchorzewska

16.15-16.30 Coffee

16.30-18.30 **Parallel Sessions 3**

**Session 3A Energy efficiency (III).** Chair: Xavier Labandeira

*The role of individual preferences to explain the energy performance gap.*

Salome Bakaloglou and **Dorothee Charlier**

*Energy efficiency and principal agent gap: conceptual framework and evidence to the landlord tenant problem.*

Dorothee Charlier and **Anna Risch**

*How do lenders price energy-efficiency loans? Evidence from France.*

**Louis-Gaetan Giraudet**, Anna Petronevich and Laurent Faucheux

*A cross-sectoral analysis of the role of label information in consumer preferences for energy efficiency.*

**Amaia de Ayala**, Sebastien Foudi, M. del Mar Soa, Elena Lopez and Ibon Galarraga

**Session 3B Energy demand and emissions.**

Chair: Andreas Löschel

*Deep reforms in electricity pricing. Evidence from a natural experiment.*

Xavier Labandeira, Jose M. Labeaga and **Jordi Teixido**

*Income Inequality and carbon consumption. Evidence from environmental Engel curves.*

**Lutz Sager**

*Cost misperceptions and energy consumption*

Andreas Loeschel and **Madeline Werthschulte**

*The causal effect of religious and environmental identity on green preferences. A combined priming and stated choice experiment.*

**Daniel Engler**, Elke D. Groh and Andreas Ziegler

20.30

Dinner

## Friday, 22 June

09.00-11.00 **Invited papers.** Chair: Xavier Labandeira

*The impact of energy education on low-income households. Evidence from a randomized encouragement design.*

**Sebastien Houde**, Catherine Wolfram and Mary Zaki

*Energy transition with variable and intermittent renewable electricity generation.*

**Katheline Schubert**

*Does renewable generation promote local electricity access? Evidence from Indonesia.*

**Katherine Baylis**

*Efficiency and distributional implications of combining road pricing and driving restrictions.*

**Juan-Pablo Montero**

*How consumers trade-off supply security and green electricity. Evidence from Germany and Great Britain.*

**Katrin Rehdanz**

11.00-11.30 Coffee

11.30-13.00 **Keynote Lecture.** Chair: Andreas Loeschel

*What drives oil price fluctuations? Revisiting the role of oil supply and demand shocks.*

**Christiane Baumeister**

13.00-14.00 Lunch

14.00-15.30 **Keynote Lecture.** Chair: Jose M. Labeaga

*The more things CHANGE: Cycles of Human Activity and Natural Global Ecology.*

**Don Fullerton**