

## EMEE 2021 Summer Workshop on "Empirical Methods in Energy Economics" for Doctoral Students and Early Career Researchers

July 7-8, 2021

The Summer Workshop on Empirical Methods in Energy Economics will be held online on **July 7-8, 2021**, from **3 pm to 8:30 pm CEST / 9 am to 2:30 pm EDT / 6 am to 11:30 am PDT**.

To foster a lively debate and a comprehensive exchange of ideas about new empirical research in energy economics, the 2021 summer workshop will include full presentations and shorter egg-timer sessions. All sessions are plenary (no concurrent presentations) and we invite active participations of attendants in the discussion.

The objective of the workshop is to have a friendly venue for doctoral students and early career researchers to present developments and applications of empirical methods in energy economics and receive feedback on their work. Details on previous workshops, along with information about joining the EMEE Network, can be found on the EMEE webpage ([www.emee.ethz.ch](http://www.emee.ethz.ch)).

There is no registration fee. In order to register to the EMEE Summer Workshop, please do so through the following link by the **5<sup>th</sup> of July**:

<https://ethz.zoom.us/meeting/register/u50rf-2oqT4uEtDD27nv4ITMxkh4SuLdZh1f>

All times below are Central European Summer Time (CEST):

### **Wednesday, July 7th, 2021**

15:00 – 15:10 Welcome and introduction to day 1  
Massimo Filippini (ETH Zürich) and Ken Gillingham (Yale)

#### **1. Information**

Chair: Massimo Filippini (ETH Zürich)

15:10 – 15:40 Salience of Energy Efficiency? Evidence for Seasonal Effects on German Home Buyers  
Ximeng Fang (University of Bonn)

15:40 – 16:10 Do Electronic Home Energy Reports Promote Energy Conservation? It Depends  
Kathrin Kaestner (RWI – Leibniz-Institut für Wirtschaftsforschung)

16:10 – 16:20 Break

#### **2. Consumer and Retail Behavior (egg timer session)**

Chair: Massimo Filippini (ETH Zürich)

16:20 – 16:28 Behavioral Anomalies and Fuel Efficiency: Evidence from Motorcycles in Nepal  
Suchita Srinivasan (ETH Zürich)

16:28 – 16:36 Short- and Long-Run Consumption and Non-Payment Responses to Retail Electricity Prices in India  
Shefali Khanna (Harvard University)

16:36 – 16:44 Extreme Contract Variety After Deregulation: Electricity Retail Choice in Texas  
Wade Davis (Yale University)

16:44 – 16:52 Text Narratives in Consumer Valuation  
Tobias Wekhof (ETH Zürich)

16:52 – 17:10 Break

#### **3. Households**

Chair: Anna Alberini (University of Maryland)

17:10 – 17:40 Beware of side effects? Spillover evidence from a hot water intervention  
Harald Mayr (ETH Zürich)

17:40 – 18:10 Subsidizing appliance replacement in low-income households  
Bettina Chlond (ZEW)

18:10 – 18:20 Break

#### **4. Environmental Regulation**

Chair: Anna Alberini (University of Maryland)

18:20 – 18:50 Polluting Public Funds: The Effect of Environmental Regulations on Municipal Bonds  
Akshaya Jha (Carnegie Mellon University)

18:50 – 19:20 Technology Adoption and the Timing of Environmental Policy: Evidence from Efficient Lighting  
Sarah Armitage (Harvard University)

19:20 – 19:30 Break

#### **5. Solar Panels**

Chair: Ken Gillingham (Yale)

19:30 – 20:00 Incentivizing rooftop PV adoption: Feed-in tariffs, rebates, or a hybrid design?  
Marta Talevi (Yale University)

20:00 – 20:30 The Health Benefits of Solar Power Generation: Evidence from Chile  
Nathaly M. Rivera (University of São Paulo)

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### **Thursday, July 8th, 2021**

15:00 – 15:10 Welcome and introduction to day 2  
Massimo Filippini (ETH Zürich) and Ken Gillingham (Yale)

#### **6. Firms and Carbon Abatement**

Chair: Ken Gillingham (Yale)

15:10 – 15:40 The Elasticity of Substitution between Clean and Dirty Energy with Technological Bias  
Ara Jo (ETH Zürich)

15:40 – 16:10 The implicit cost of carbon abatement during the COVID-19 pandemic  
Mateus Souza (Universidad Carlos III de Madrid)

16:10 – 16:20 Break

#### **7. Energy and Environment (egg timer session)**

Chair: Davide Cerruti (ETH Zürich)

16:20 – 16:28 Is the Shale Gas Revolution Good for Green Innovation?  
Ekin Ayasli (University of Wisconsin-Milwaukee)

16:28 – 16:36 Energy Efficiency and Environmental Justice: The Effects of Redlining  
Elise Breshears (Michigan State University)

16:36 – 16:44 How Do Consumers Respond to Higher Environmental Standards? Evidence from China's Retail Gasoline Market  
Yucheng Wang (University of Pittsburgh)

16:44 – 16:52 EVs for Clunkers? An Analysis of the Clean Cars for America Climate Proposal for Mass Electric Vehicle Adoption  
Kevin Ankney (Georgetown University)

16:52 – 17:00 Environmental enforcement and compliance in the energy sector. An Empirical investigation in Chile  
Adolfo Uribe (Universidad de Talca)

17:00 – 17:10 Break

#### **8. Distributional Effects of Public Policies**

Chair: Davide Cerruti (ETH Zürich)

17:10 – 17:40 Income Elasticity of Driving and Regressivity of Emission Control Taxation Policies: Evidence from Massachusetts New Car Market  
Tingmingke Lu (Swedish University of Agricultural Sciences)

17:40 – 18:10 The Distributional Consequences of Incomplete Regulation  
Danae Hernandez Cortes (UC Santa Barbara)

18:10 – 18:20 Break

#### **9. Renewable Energy**

Chair: Marta Talevi (Yale)

18:20 – 18:50 What kinds of distributed generation technologies defer network expansions? Evidence from France  
Nicolas Astier (Stanford University)

18:50 – 19:20 Mechanisms for Rebound Effects of Solar Prosuming in Germany  
Ayşe Tugba Atasoy (RWTH Aachen University)

19:20 – 19:30 Break

## 10. Electricity Grid

Chair: Marta Talevi (Yale)

- 19:30 – 20:00    Wiring America: The Short- and Long-Run Effects of Electricity Grid Expansion  
Gaurav Doshi (University of Wisconsin-Madison)
- 20:00 – 20:30    Economics of Grid-Scale Energy Storage in Wholesale Electricity Markets  
Omer Karaduman (Stanford University)