



Yale SCHOOL OF
THE ENVIRONMENT

EMEE 2023 - 14th International Workshop on "Empirical Methods in Energy Economics"

January 9-10, 2023

Yale School of the Environment (YSE)
195 Prospect Street, New Haven, CT 06033 USA

The 14th International Workshop on Empirical Methods in Energy Economics will be held at Yale University on **January 9-10 2023**. It is intended as a forum for the development and application of empirical methods in energy economics. Details on previous workshops, along with information about joining the EMEE Network, can be found on the **EMEE webpage**.

To foster a comprehensive exchange of ideas about new empirical research in energy economics, the format of the 2023 workshop will be plenary presentations (i.e., no concurrent sessions) followed by short discussions, and egg timer sessions.

There is no registration charge for the conference. **Final papers / presentations**, which will be available from the conference website, need **to be submitted by January 6, 2023**.

The organizers would like to gratefully acknowledge support from the Yale Center for Business and the Environment and the Tobin Center for Economic Policy at Yale University.

Local Organizers: Prof. Kenneth Gillingham, Xingchi Shen, and Asa Watten

Agenda

Monday, January 9th, 2023

8:30 – 9:00 *Registration*

9:00 – 9:10 **Welcome and introduction**

9:10 – 10:40 **Session 1. Topic: Innovation, Growth, and Energy**

How Does Government Funding Fuel Scientists?

Eugenie Dugoua, London School of Economics

Todd Gerarden, Cornell University

Kyle Myers, Harvard University

Jacquelyn Pless, Massachusetts Institute of Technology

Complementarity Between Labor and Energy: A Firm-Level Analysis

Ara Jo, University of Bath

Lucas Bretschger, ETH Zurich

Infrastructure Complementarities and Local Economic Growth: Evidence from Electrification and Highway Construction in Brazil

Harris Selod, World Bank

Jevgenijs Steinbuks, World Bank

Brian Blankespoor, World Bank

Ian Trotter, Universidade Federal de Viçosa

10:40 – 11:00 *Coffee Break*

11:00 – 12:30 **Session 2. Topic: Decarbonizing Electricity and Transport**

On the Feasibility, Costs, and Benefits of an Immediate Phaseout of Coal for U.S. Electricity Generation

Stephen P. Holland, University of North Carolina at Greensboro

Matthew J. Kotchen, Yale University

Erin T. Mansur, Dartmouth College

Andrew J. Yates, University of North Carolina at Chapel Hill

Does Ideology or Economics Drive Votes on Fuel Taxes? Evidence from the California 2018 Proposition 6

Lucas Epstein, Federal Reserve Board

Erich J. Muehlegger, University of California, Davis

Adoption Of Plug-In Electric Vehicles: The Role Of Solar PV And Government Incentives

Davide Cerruti, ETH Zurich

Massimo Filippini, ETH Zurich and Università della Svizzera italiana

Jonas Savelsberg, ETH Zurich

12:30 – 13:30 *Networking Lunch*

13:30 – 14:20 Longer Talk 1: Market Integration And Market Efficiency: Evidence From Transmission Constraints In The Belgian Electricity Sector

Charlotte De Cannière, KU Leuven

14:20 – 15:50 Egg-timer session (10 min each)

Do Manufacturing Plants Respond To Exogenous Changes In Electricity Prices? Evidence From Administrative Micro-Data

Elisa Rottner, ZEW - Leibniz Centre for European Economic Research

Investing In The Batteries Of The Future: A View Through The Stock Market

Michael Plante, Federal Reserve Bank of Dallas

Price Risk Transmission in the Water-Energy-Food Nexus: Impacts of Climate Risks and Portfolio Implications

Trung H. Le, Banking Academy of Vietnam

Linh Pham, University of Central Oklahoma

Hung X. Do, Massey University

Retire, Repair, Or Repower? Wind Investments In A Maturing Industry

Timothy Fitzgerald, Texas Tech University

Michael Giberson, Texas Tech University

More than a Price Decrease: Field Experimental Evidence on the Mechanisms of an Energy Efficiency Subsidy

Lara Bartels, ZEW - Leibniz Centre for European Economic Research

Madeline Werthschulte, ZEW - Leibniz Centre for European Economic Research

Green Spills: Local effects of solar photovoltaic system adoption on energy behaviours

Patrick Bigler, University of Bern

Benedikt Janzen, University of Bern

Impacts of a Cap-and-Trade Program on Local Air Pollution: Evidence from the Acid Rain Program

Xiaochen Sun, Carnegie Mellon University

Price Stabilization Policy, Gasoline Consumption, and Health Externality: Evidence from Brazil

Andre Ribeiro, Carnegie Mellon University

Undervaluation of Future Fuel Savings and Efficiency Standards for Heavy-Duty Trucks

Stephanie Weber, Yale University

15:50 – 16:20 *Coffee Break*

16:20 – 17:20 Session 3. Topic: Pricing and Consumer Expectations in Energy Markets

Why are Connection Charges So High? An Analysis of the Electricity Sector in Sub-Saharan Africa

Moussa Blimpo, University of Toronto

Shaun McRae, ITAM

Jevgenijs Steinbuks, World Bank

First the Pandemic, and then What? Volatile Energy Markets, Consumers and Energy Price Expectations

Anna Alberini, University of Maryland

Milan Ščasný, Charles University

Mikołaj Czajkowski, University of Warsaw

Andrea Bigano, Euro-Mediterranean Center for Climate Change

Social dinner at 18:00, Blake Hotel, 9 High St, New Haven

Tuesday, January 10th, 2023

8:30 – 9:00 *Coffee and Light Breakfast*

9:00 – 10:30 Session 4. Topic: Electric Vehicle Charging and Driving

Electric Vehicle Charging Behaviour and Charging Price Elasticities: An Analysis Using Swiss Data on Public Charging Stations

Doina Radulescu, University of Bern

Entry and Coordination in the U.S. Electric Vehicle Charging Industry

Jing Li, Massachusetts Institute of Technology

Katalin Springel, HEC Montréal

The Electric Vehicle Rebound Effect

Kenneth Gillingham, Yale University

Beia Spiller, Resources for the Future

Marta Talevi, Vrije Universiteit Amsterdam

10:30 – 10:50 Coffee Break

10:50 – 11:20 Introduction to the DICE-2022 Model

William Nordhaus, Yale University

11:20 – 12:10 Longer Talk 2: Winds of Change: Estimating Learning by Doing without Cost or Input Data

Thomas R. Covert, University of Chicago

Richard L. Sweeney, Boston College

12:10 – 13:00 Lunch and Concluding Remarks