

Workshop Program

Day 1

9:00 – 10:30 session 1 (2 papers, total 45 mins each—25 for the paper, 10 for the discussant, and 10 for questions from and discussion with the audience)

“Market- and non-market based approaches in China”

Chair: Yueming Qiu (University of Maryland)

Panle Jia Barwick, Shanjun Li, Andrew Waxman and Jing Wu “Transportation Policies and Equilibrium Sorting: Evidence from Beijing”

Presenter: Shanjun Li (Cornell University)

Discussant: Josh Linn (University of Maryland)

Larry Goulder, Jieyi Lu and Richard Morgenstern “China’s Tradable Performance Standard Approach to CO2 Emissions Reductions: Cost Effectiveness and Distributional Implications”

Presenter: Larry Goulder (Stanford University)

Discussant: Ian Parry (IMF)

10:30 – 10:45 coffee break

10:45 – 12:15 session 2 (3 papers: 20-23 minutes for each presentation and 7-10 minutes for questions and discussion)

“The Electricity Sector: Theory and Empirics”

Chair: Shaun McRae (ITAM)

Stephen Holland, Erin Mansur, Nicholas Muller and Andrew Yates “Second-best Dynamic Subsidies for the Adoption of Electric Durable Goods”

Presenter: Andrew Yates (University of North Carolina)

Dallas Burtraw, Charlie Holt, Karen Palmer, Anthony Paul, and William Shobe “Quantities with Prices”

Presenter: Karen Palmer (Resources for the Future)

Arik Levinson and Emilson Silva “The Electric Gini: Income Redistribution Through Energy Prices”

Presenter: Arik Levinson (Georgetown University)

12:15 – 13:00 lunch

13:00 – 14:00 student presentations (5-10 minutes each, as indicated below)

Chair: Anna Alberini

Chang Shen (AREC UMD) (5 minutes) “The Impact of High-Emissions Trucks on NO₂: Evidence from a Quasi-Experiment in Beijing”

Andrew Rosenberg (AREC UMD) (5 minutes) “Additionality and Cost-Effectiveness of a Water Rights Retirement Program”

Jesse Backstrom (Texas A&M) (10 minutes) “On the Reporting of Water Use and the Effects of Hydraulic Fracturing on Groundwater Levels in Texas”

Jing Liang (UMD School of Public Policy) (10 minutes) “Getting More out of Something Without Subsidizing It: Impact of Time-of-Use Electricity Pricing on Residential Energy Efficiency and Solar Panel Adoption”

Chi Man Yip (University of Calgary) (10 minutes) “On the Regressivity of Environmental Taxes”

Akio Yamazaki (University of Calgary) (10 minutes) “Carbon Taxes, Productivity, and Reallocation: Lessons from Canadian Manufacturing Plants”

Christopher Holt (AREC UMD) (5 minutes) “On Estimating Shadow Prices of CO₂ Emissions in the U.S. Power Generation Sector”

Becka Brolinson (Georgetown University) (5 minutes) “Does Increasing Block Pricing Reduce Electricity Demand?”

14:00 – 15:30 session 3 (3 papers: 20-23 minutes for each paper presentation and 7-10 minutes for questions and discussion about each paper)

“Efficiency, Renewables and the Future of the Electricity Sector”

Chair: Karen Palmer

Don Fullerton and Chi Ta “Cost of Energy Efficiency Mandates Can Reverse the Sign of Rebound”

Presenters: Don Fullerton/Chi Ta (University of Illinois, Urbana-Champaign)

Miguel Castro “Electricity Storage, Emissions Taxes, and the Value of Renewable Energy”

Presenter: Miguel Castro (Inter-American Development Bank)

Stefan Schmelzer, Michael Miess, Milan Scasny, and Vedunka Kopečna “Assessing Impacts of Electromobility Supporting Policies: A Hybrid Model Approach”

Presenter: Vedunka Kopečna (Charles University at Prague)

15:30 – 15:45 coffee break

15:45 – 17:15 session 4 (2 papers, total 45 mins each—25 for the paper, 10 for the discussant, and 10 for questions from and discussion with the audience)

Matthew Zaragoza-Watkins “Incomplete Regulation, Output-based Allocation, and Firm Behavior: Evidence from California’s Greenhouse Gas Cap-and-Trade Program”

Presenter: Matthew Zaragoza-Watkins (Vanderbilt University)

Discussant: Shaun McRae (ITAM)

Erich Muehlegger and Richard Sweeney “Pass-through of Input Cost Shocks Under Imperfect Competition: Evidence from the US Fracking Boom”

Presenter: Erich Muehlegger (University of California, Davis)

Discussant: Brandon Schaufele (Western University)

18:00 Dinner

Day 2

9:00 – 10:30 session 5 (2 papers, total 45 mins each—25 for the paper, 10 for the discussant, and 10 for questions from and discussion with the audience)

“Fuel Economy, Emissions and Regulations”

Chair: Rob Williams (University of Maryland)

Ashley Langer and Shaun McRae paper “Step on It: A New Approach to Improving Vehicle Fuel Economy”

Presenter: Ashley Langer (University of Arizona)

Discussant: Casey Wichman (Resources for the Future)

Ryan Kellogg “Output and Attribute-Based Carbon Regulation Under Uncertainty”

Presenter: Ryan Kellogg (University of Chicago)

Discussant: Carolyn Fischer (Vrije Universiteit Amsterdam)

10:30 – 10:45 coffee break

10:45 – 12:15 session 6 (2 papers, total 45 mins each—25 for the paper, 10 for the discussant, and 10 for questions from and discussion with the audience)

“Climate Change”

Chair: Larry Goulder (Stanford University)

Billy Pizer and Bobby Harris “Taxes vs. Tradable Permits: Information Asymmetry and Dynamic Adjustment Mechanisms”

Presenter: Billy Pizer (Duke University)

Discussant: Marc Hafstead (Resources for the Future)

Ian Parry et al. “Policies for Implementing the Paris Climate Agreement: An Assessment for G20 Countries”

Presenter: Ian Parry (IMF)

Discussant: Don Fullerton (University of Illinois, Urbana-Champaign)

Wrap up and end