Sixth Annual Conference on
Transportation, Economics, Energy and the Environment (TE³)

Friday, October 18, 2019
Rackham Amphitheatre, 915 East Washington Street, 4th Floor
University of Michigan, Ann Arbor

PROGRAM

8:00 - 8:45  Registration & Breakfast Buffet
8:45 - 9:00  Convene and Welcome
Anna Stefanopoulou (University of Michigan Energy Institute)

9:00 - 9:10  Vehicle Electrification Without Trading Carbon for Carbon
Howard Learner (Environmental Law & Policy Center)

9:10 - 10:40  Enticing EV Consumers: Buyer Intentions and Charging Considerations
Chair: Anne Smart (ChargePoint)

How much is public charging infrastructure worth?
David L. Greene (University of Tennessee Knoxville), Ria Kontou (University of North Carolina Chapel Hill), Brennan Borlaug, Aaron Brooker and Matteo Muratori (National Renewable Energy Laboratory).

Making the Shift: Attracting Conventional Drivers to EVs in China’s Developing Car Market
Ziwen Ling (Virginia Department of Transportation), Christopher Cherry and Yi Wen (University of Tennessee Knoxville).

Electricity Rates for EV Direct Current Fast Charging in the United States
Matteo Muratori, Ria Kontou and Joshua Eichman (National Renewable Energy Laboratory)
Discussant: Alex Keros (Maven / General Motors)

10:40 - 11:00  Break

11:00 - 12:30  Economics of Electric Vehicles
Chair: Sharyn Lie (U.S. Environmental Protection Agency)

Decompositions and policy consequences of cleaner electricity generation
Stephen P. Holland (University of North Carolina Greensboro), Erin T. Mansur (Dartmouth College), Nicholas Z. Muller (Carnegie Mellon University), Andrew J. Yates (University of North Carolina Chapel Hill)

The private and public economics of electric vehicles
David S. Rapson and Erich Muehlegger (University of California Davis)

What does an electric vehicle replace?
Jianwei Xing (Peking University), Benjamin Leard (Resources for the Future) and Shanjun Li (Cornell University)
Discussant: Elaine Buckberg (General Motors)

https://energy.umich.edu/te3/
12:30 - 1:40  Lunch

Keynote address: Rachael Nealer (U.S. Department of Energy)

1:40 - 3:00  Policy Interactions: Impacts on Effectiveness

Chair: Catherine Hausman, University of Michigan

The dual-credit policy: Impact on PEV sales and industry profits in China
Shiqi Ou and Zhenhong Lin (Oak Ridge National Laboratory), Liang Qi and Jie Li (China Automotive Technology and Research Center), Xin He and Steven Przesmitzki (Aramco Services Company).

Effectiveness of China’s plug-in electric vehicle subsidy
Tamara Sheldon (University of South Carolina) and Rubal Dua (King Abdullah Petroleum Studies and Research Center).

Alternative-fuel-vehicle policy interactions increase U.S. greenhouse gas emissions
Alan Jenn (University of California Davis), Inês L. Azevedo and Jeremy Michalek (Carnegie Mellon University).

3:00 - 3:20  Break

3:20 - 4:50  Public Policy Tensions in the United States and Across the Globe

Chair: Thomas Lyon (University of Michigan)

Patricia Monahan (California Energy Commission)
Dan Levy (Credit Suisse)
Julia Rege (Global Automakers)
Zifei Yang (International Council on Clean Transportation)

4:50 - 5:00  Closing Remarks

5:00 - 6:00  Reception with light refreshments