

STEPS Spring Symposium

May 15-16, 2018

UC Davis Conference Center

Agenda

Tuesday, May 15, 2018

8:30 a.m. Registration and Coffee

9:00 a.m. Welcome and Introductory Remarks
Joan Ogden, Director, STEPS Program

9:10 a.m. **Session 1: California Targets 2030-2050 (recap of CCPM3)**

Moderator: Lew Fulton, Co-Director, STEPS

- Robert Bienenfeld, Assistant Vice President, Environment and Energy Strategy, American Honda Motor Company
 - Michael Coates, CEO/Principal, Mightycomm
 - Colin Murphy, Policy Advocate, NextGen Policy
 - Austin Brown, Executive Director, Policy Institute for Energy, Environment and the Economy, UC Davis
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10:10 a.m. **Keynote: Big Data, Data Analytics and Transport Modeling**
Sonia Yeh, Professor, Chalmers University

10:40 a.m. Coffee Break

11:00 a.m. **Session 2: Grid Integration of EVs**

Moderator: Joan Ogden

- Grid Impact Modeling for Large Scale Penetration of Zero Emission Vehicles in California
Behdad Kiani, Assistant Project Scientist, STEPS
 - The Future of Electric Vehicle Emissions in the US
Alan Jenn, Researcher, Plug-In Hybrid & Electric Vehicle Research Center
 - Discussants:
Daniel Hopper, Senior Manager of Strategy, Southern California Edison
Lisa Snapp, Director of the Climate Analysis and Strategies Center, US Environmental Protection Agency
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12:15 p.m. Lunch and Poster Session
STEPS students and researchers present in poster format

2:15 p.m. **Session 3: Trucking and Logistics**
Moderator: Lew Fulton

- Last Mile Delivery and Automated Trucks
Hanjiro Ambrose, PhD Candidate, UC Davis
- An Update on California Transition Scenarios
Marshall Miller, Senior Development, Engineer, STEPS
- Discussants:
 Jimmy O’Dea, Senior Vehicles Analyst, Union of Concerned Scientists
 Sarah Flick, Corporate Development Manager, Westport Fuel Systems

3:30 p.m. Coffee Break

3:45 p.m. **Session 4: Perspectives on Hydrogen and Fuel Cell Developments**
Moderator: Joan Ogden

- Stephen Ellis, Fuel Cell Vehicle Marketing Manager, American Honda Motor Company
- Jean Baronas, Supervisor Hydrogen Unit, California Energy Commission
- Wayne Leighty, Hydrogen Fuel Business Development Manager, Shell
- Discussant: Robert Wimmer, Director, Energy and Environmental Research Group, Toyota Motor North America

5:00 p.m. Day 1 Wrap Up
Joan Ogden

5:30 p.m. Reception at City Hall Tavern-Bistro 33 (226 F Street, Davis, CA 95616)

Wednesday, May 16, 2018

8:30 a.m. Registration and Coffee

9:00 a.m. **Session 5: Three Revolutions (3Rs)**
Moderator: Austin Brown, Executive Director, UC Davis Policy Institute for Energy, the Environment, and the Economy

- Summary of 3R Conference held February 2018 and other 3R Updates
Mollie D’Agostino, 3 Revolutions Future Mobility Policy Director, ITS-Davis
- California Panel Study of Emerging Technologies and Transportation Trends
Giovanni Circella, 3 Revolutions Future Mobility Program Director, ITS-Davis
- The Cost of 3 Revolutions: a Deeper Dive
Lew Fulton, STEPS co-Director
- Discussants:
 Ken Laberteaux, Senior Principal Scientist, Toyota
 Adam Gromis, Public Policy Manager, Sustainability & Environmental Impact, Uber

10:15 a.m. Coffee Break

10:30 a.m. **Session 6: EV Market Update**
Moderator: Gil Tal, Researcher, PH&EV Center

- Comparison of ZEV mandates in California and China
Yunshi Wang, Director, China Center for Energy and Transportation, ITS-Davis
- Buyers and Market Demand in California, US and China
Gil Tal, Research Director, PH&EV Center
- Gender Differences in Plug-in Electric Vehicles Purchasing Patterns
Ken Kurani, Researcher, PH&EV Center
- Discussant: Kadir Bedir, EV Infrastructure Specialist, California Energy Commission

11:45 a.m. Day 2 Wrap Up and Closing Remarks
Lew Fulton

12:00 p.m. Boxed Lunch and Adjourn

STEPS Spring Board of Advisors Meeting

May 16 2018
Founders Room
Alumni Center
Agenda

12:45 p.m. Arrival and Coffee

12:55 p.m. Group Photo

1:00 p.m. Discussion Items

- STEPS3 wrap up
- Setting the Stage for STEPS4
 - New sponsorship structure
 - Tower System presentations

3:15 p.m. Concluding Remarks

3:30 p.m. Adjourn
