

STEPS Spring 2017 Symposium

Agenda

UC Davis Conference Center, Ballroom
550 Alumni Ln, Davis, CA 95616

May 23th, 2017 (Tuesday)

8:30 a.m. **Registration and Continental Breakfast**

8:45 a.m. **Welcome and Introductory Remarks**

Joan Ogden, Director, STEPS Program, ITS-Davis. Professor, Environmental Science and Policy, UC Davis

9:00 a.m. **Keynote: “California’s Next Phase of Clean Car and Truck Policies for 2030”**

Alberto Ayala, Deputy Executive Officer, California Air Resources Board

9:45 a.m. **Panel Discussion.**

Moderator: Anthony Eggert, ClimateWorks

- Alberto Ayala, Deputy Executive Officer, CARB
- Dan Sperling, Founding Director, ITS
- Austin Brown, Senior Analyst, NREL

10:30 a.m. **Coffee Break**

10:45 a.m. **Session 1: Heavy-Duty Trucks**

Moderator: Rosa Dominguez-Faus, STEPS Manager, ITS-Davis

- ***Truck choice modeling: Summary of Previous Day Workshop***
Marshall Miller, Senior Development Engineer, STEPS
- ***Catenary and Inductive Charging for Heavy Duty Trucks***
Lewis Fulton, Director, STEPS
- ***DME and Ethanol for Trucks***
Patric Ouellette, Consultant

Group Discussion:

- Dawn Fenton Director, Sustainability & Public Affairs, Volvo
- Discussant #2 (TBD)

12:00 p.m. **Lunch, Coffee and Poster Session**

STEPS students and researchers present in poster format

2:00 p.m.

Session 2: Electric Vehicles

Moderator: Tom Turrentine, Director, PHEV Center

- **EV Market Update**
Tom Turrentine, Director, PHEV Center
- **A quasi-experiment in consumer choice of conventional and alternative fuel vehicles**
Ken Kurani, Associate Researcher, PHEV Center
- **International EV Modeling**
Alan Jenn, Postdoctoral researcher, STEPS

Group Discussion:

- Linda White, **xxxx**, BMW
- Zhenhong Lin, Analyst, ORNL

3:15 p.m.

Coffee Break

3:30p.m.

Session 3: Hydrogen

Moderator: Joan Ogden, Director, STEPS, ITS-Davis

- ***Shell's current activities for hydrogen infrastructure***
Wayne Leighty, Business Development Manager, Shell
- ***Hydrogen Storage for Curtailed Renewable Energy***
Zane McDonald, Graduate Student Researcher, STEPS
- ***Hydrogen Fuel Cell Trucks***
Andy Burke, Research Engineer, STEPS

Group Discussion:

- Michael Lord, Executive Engineer, Toyota
- Joerg Wind, Manager, Daimler

4:45 p.m.

Day 1 Wrap Up

Rosa Dominguez-Faus, STEPS Manager, ITS-Davis

5:30-8:00
p.m.

Dinner Reception at *Bistro 33*. 226 F St, Davis, CA 95616

May 24th, 2017 (Wednesday)

8:30 a.m. **Continental Breakfast**

9:00 a.m. **Session 4: Biofuels**

Moderator: Lew Fulton, Director, STEPS Program, ITS-Davis

- ***RNG LCA and Carbon Credits***
Rosa Dominguez-Faus, Program Manager, STEPS
- ***LCFS Status Review***
Julie Witcover, Assistant Project Scientist, STEPS
- ***Closing the loop in biofuel life cycles***
Alissa Kendall, Associate Professor, Civil and Environmental Engineering UC Davis

Group Discussion:

- Colin Murphy, Climate Policy Advocate, NextGen Climate America
- Discussant #2 (TBD)

10:00 a.m. **Coffee Break**

10:15 a.m. **Session 5: Mobility**

Moderator: Dan Sperling, ITS Founding Director, ITS-Davis

- ***First/Last Mile Mobility***
Miguel Jaller, Assistant Professor, Civil and Environmental Engineering, UC Davis
- ***Analysis of behavior***
Aria Berliner, Doctoral Student, STEPS
- ***3R Scenarios Results***
Lew Fulton, Director, STEPS
- ***3R Policy briefs***
Mollie d'Agostino, Outreach Manager, 3R Policy Initiative

Group Discussion:

- Lisa Aultman-Hall, Professor, U. Vermont
- Giovanni Circella, Researchers, ITS and Georgia Tech

12:00 p.m. **Day 2 Wrap up and Closing Remarks**

12:15 p.m. **Lunch and Adjourn**

Event Files will be posted in our Sponsor Portal at:

<https://steps.ucdavis.edu/>

Password: *2017