# STEPS Spring 2017 Symposium

## Agenda

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

### May 23rd, 2017 (Tuesday)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<td>8:30 a.m.</td>
<td><strong>Registration and Continental Breakfast</strong></td>
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| 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**

3:30 p.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 Domínguez-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