

AQUARIUS



Air Quality in the Western United States

Day 1 - September 25, 2019

8:00 *Registration & Coffee (20 min)*

8:20 Welcome remarks

SESSION 1: WORKSHOP GOALS

8:30 Chris Cappa University of California, Davis

9:00 Steve Brown NOAA

9:10 Gannet Hallar University of Utah

9:20 Kelley Barsanti University of California, Riverside

9:30 Monika Kopacz NOAA

9:50 Discussion

10:00 *Coffee Break – Field Trip Registration (15 min)*

SESSION 2: GAS PHASE EMISSIONS AND CHEMISTRY

10:15 Joel Thorton (*remote presentation*) University of Washington

10:30 Jennifer Murphy University of Toronto

10:45 Joost de Gouw University of Colorado, Boulder

11:00 Brian McDonald NOAA/CIRES

11:15 Becky Alexander University of Washington

11:30 Keding Lu Peking University

11:45 Discussion for Session 2

12:00 *Lunch (1 Hour)*

SESSION 3: COEMITTED GHG'S

1:00 Ronald Cohen UC Berkeley

1:15 John Lin University of Utah

1:30 Francesca Hopkins University of California, Riverside

1:45 Scott Herndon Aerodyne Inc.

2:00 Discussion

2:15 *Coffee Break (15 min)*

BREAKOUT SESSIONS

2:30 *Breakouts (2.5 Hours)*

5:00 Reports from Breakouts

5:30 Adjourn

POSTER SESSION

5:45 Poster session & hor d'oeuvres

7:00 *Dinner*

AQUARIUS



Air Quality in the Western United States

Day 2 - September 26, 2019

8:00 *Coffee (30 min)*

SESSION 4: METEOROLOGY-CHEMISTRY COUPLING

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|-------------|------------------------|---------------------------------|
| 8:30 | John Horel | University of Utah |
| 8:45 | Heather Holmes | University of Nevada, Reno |
| 9:00 | Ian Faloon | University of California, Davis |
| 9:15 | Vanda Grubišić | NCAR Earth Observing Laboratory |
| 9:30 | Discussion | |
| 9:45 | <i>Coffee (15 min)</i> | |

SESSION 5: PM CHEMISTRY AND COMPOSITION

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|--------------|--------------------------------------|---------------------------------|
| 10:00 | James Kelly | US EPA |
| 10:15 | Rodney Weber | Georgia Tech |
| 10:30 | Carrie Womack | NOAA |
| 10:45 | Delphine Farmer | Colorado State University |
| 11:00 | Mike Kleeman | University of California, Davis |
| 11:15 | Discussion | |
| 11:30 | <i>Lunch and Breakouts (3 hours)</i> | |

SESSION 6: INSIGHTS FROM OTHER REGIONS

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|-------------|------------------------|----------------------------------|
| 2:30 | Russ Dickerson | University of Maryland |
| 2:45 | Hendrik Fuchs | Forschungszentrum Juelich |
| 3:00 | Bill Simpson | University of Alaska, Fairbanks |
| 3:15 | Tao Wang | Hong Kong Polytechnic University |
| 3:30 | Stephan De Wekker | University of Virginia |
| 3:45 | Pablo Saide | UCLA |
| 4:00 | <i>Coffee (15 min)</i> | |

BREAKOUTS AND DISCUSSION

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| 4:15 | <i>Breakout Reports</i> | |
| 4:45 | General discussion of future directions & white paper development | |
| 6:00 | Adjourn | |
| 6:00 | <i>Optional Lab Tours with Pizza</i> | |