

Telluride Workshop: New Insights into Gas Phase Atmospheric Chemistry

July 23-27, 2018

Telluride Intermediate School (725 West Colorado Ave)

Monday 23 July		
12:00-1:00	Lunch	Provided onsite
1:00-1:45	Joost De Gouw	Adventures with Volatile Organic Compounds in the Atmosphere
1:45-2:30	Paul Wennberg	Autoxidation in the OH initiated oxidation of alpha and beta pinene
2:30-3:15	Frank Keutsch	ISOPOOH, the final chapter?
3:15-3:45	<i>Break</i>	
3:45-4:30	Dylan Millet	Towards an isoprene measurement from space
4:30-5:15	Allison Steiner	Synthesizing measurements of BVOC and oxidation in the forest canopy
5:15-5:30	<i>Break</i>	
5:30-6:15	Colette Heald	Joint Session: Reactive Organic Carbon
Tuesday 24 July		
1:45-2:30	Becky Alexander	Observational constraint on nitrate production from the hydrolysis of halogen nitrates
2:30-3:15	Kerri Pratt	Halogen Chemistry in the Arctic
3:15-3:45	<i>Break</i>	
3:45-4:30	Lucy Carpenter	Oceanic dry deposition of ozone - of what we know and of what we have almost no idea
4:30-5:15	Tim Bertram	Observation based constraints on rapid ozone production during lake breeze circulation
	<i>Break</i>	
6:30-7:30	Frank Keutsch	Town Talk: Solar geoengineering: Taking the edge off climate change? (Telluride Conference Center, Mountain Village)
Wednesday 25 July		
8:30-9:00	Breakfast	Provided onsite
9:00-9:45	Jonathan Raff	Soil emissions of NO _y in a Midwest (USA) hardwood forest: biogenic sources, abiotic mechanisms, and intersections between them
9:45-10:30	Eri Saikawa	Measuring N ₂ O, CO ₂ , and NH ₃ emissions from corn fields in the US, China, and Brazil
10:30-11:00	<i>Break</i>	
11:00-11:45	Meredith Hastings	Reactive Nitrogen: New Methods for Tracing Chemical Pathways
11:45-12:30	Jennifer Murphy	Ammonia - where did it come from, where did it go?
12:30-1:00	Lunch	Provided onsite
1:00-1:45	Jenny Fisher	Uncertainties in biogenic emissions and chemistry: unanswered questions from another Southeast
1:45-2:30	Sally Pusede	Observational constraints on chemistry-climate feedbacks
6:00-9:00		Picnic: Telluride Intermediate School

Thursday 26 July

1:00-1:45	Ron Cohen	Trends in NO _x lifetime as observed from space <i>or</i> Dense networks and urban emissions
1:45-2:30	Steve Brown	Winter
2:30-3:15	Carl Percival	Oxidation of VOCs from the lab to field and back again
3:15-3:45	<i>Break</i>	
3:45-4:30	Hendrik Fuchs	Radical concentrations during the oxidation of biogenic VOCs investigated in the atmospheric simulation chamber SAPHIR
4:30-5:15	John Crouse	Autoxidation in the gas-phase degradation of several alkanes
5:15-6:00	Arlene Fiore	Seeking observational constraints on variations in atmospheric oxidation
6:30-8	Pizza Dinner	Telluride Intermediate School tent

Friday 27 July

8:30-9:00	Breakfast	Provided onsite
9:00-9:45	Tsung-May Fu	Top-down constraints on Chinese non-methane volatile organic compound emissions
9:45-10:30	Ally Lewis	Would reducing aromatic emissions be the most effective policy to lower ozone in China?
10:30-11:15	Jim Roberts	Beyond PM _{2.5} epidemiology: What's causing health effects from wildfires and how can we (Atmospheric Chemists) help study this?

Green = Joint with Aerosol Workshop