

Aerodyne Presentations & Posters

Tuesday, October 14th

PRESENTATIONS

4:15 | 101 DE

Composition of Aerosols Formed by OH, Cl, or Ozone-initiated Oxidation of Limonene

ANITA AVERY, Mitchell Alton, Manjula Canagaratna, Andrew Lambe, *Aerodyne Research*

POSTERS | EXHIBIT HALL NORTH | 1:00 - 3:00

2AC.18

Volatility-Resolved Aerosol Chemical Composition using Fast-Switching Chemical Ionization Mass Spectrometry

MANJULA CANAGARATNA, Mitchell Alton, Jenna DeVivo, Mitchell Rogers, Taekyu Joo, Neil Donahue, Andrew Lambe, Drew Gentner, *Aerodyne Research*

Wednesday, October 15th

PRESENTATIONS

11:15 | 101 CF

Mobile Metals Measurements Using a New Microwave-Induced Plasma Time-of-Flight Mass Spectrometer examining Roadways and Industrial Sites

EDWARD FORTNER, Alexander Gundlach-Graham, Martin Tanner, Conner Daube, Jay G. Slowik, André S. H. Prévôt, John Jayne, Douglas Worsnop, *Aerodyne Research*

2:15 | 101 BG

Aerosol Particle Measurements and Cloud Properties During the Southern Ocean Clouds (SOC) Campaign in November and December 2024

LEAH WILLIAMS, James Allan, Michael Flynn, David Beddows, James Brean, Simone Louw, Irina Gorodetskaya, Timothy Onasch, Stephen Jones, Mark Tarn, Imogen Wadlow, Nina Kinney, Manuel Dall'Osto, Amélie Kirchgassner, Thomas Lachlan-Cope, *Aerodyne Research*

3:30 | 101 DE

PM_{2.5} Composition at the Houston-Liberty ASCENT Site

ANANDI WILLIAMS, Subin Yoon, Eugenia Velasco-Cunningham, Sergio Alvarez, Robert Griffin, James Flynn, Roya Bahreini, Ann M. Dillner, Armistead G. Russell, Nga Lee Ng, Fangzhou Guo, *University of Houston*

Aerodyne Presentations & Posters

Thursday, October 16th

PRESENTATIONS

10:30 | EXHIBIT HALL NORTH – EXHIBITOR SHOWCASE

A Trace-Element Mass Spectrometer for Quantifying the Metal and Mineral Compositions of Single Particles in Real Time

Edward Fortner, **JOHN JAYNE**, Douglas Worsnop, Philip Croteau, Manjula Canagaratna, Alexander Gundlach-Graham, Martin Tanner, *Aerodyne Research*

4:30 | 101 AH

The Role of Black Carbon Emitted from Aircraft Engines as a Condensational Sink of Oil and Sulfur Particles

BENJAMIN A. NAULT, Andrew Freedman, Edward Fortner, Bruce Anderson, Steven Baughcum, Matthew Brown, Josh DiGangi, Francesca Gallo, Francisco Guzman, Jennifer Klettlinger, Kevin Sanchez, Michael Shook, Gregory Smallwood, Elizabeth Wiggins, Edward Winstead, Luke Ziemba, Richard Miake-Lye, Richard Moore, *Aerodyne Research*

POSTERS | EXHIBIT HALL NORTH | 1:00 – 3:00

9CE.5

Coupling a Gas Chromatograph to a Chemical Ionization Mass Spectrometer for Isomer-resolved Measurements of Airborne PFAS

CHENYANG BI, Yufan Hu, Michael Davern, Joji Sherman, Mitchell Alton, Anita Avery, Nathan Kreisberg, Barbara Turpin, Jason Surratt, John Jayne, Manjula Canagaratna, *Aerodyne Research*

**Aerodyne Research supports the
*Atmospheric Science and Chemistry mEasurement NeTwork***

ASCENT NETWORKING MEETING
Thursday, October 16th, 12:00 – 1:00
Room 101 DE