

CSL AMS Presentation Schedule 10-15 January 2021

Italics represent former students/guests/employee of NOAA

Presentation date	Presenter Name	Title	Presentation Length	Session Time	Session Number	Session Title	Presentation Type
MONDAY							
1.11.2021	Chelsea Stockwell	From Simulated Fires to Sensors in Space: Understanding Biomass Burning	10:10-10:15a EST 8:10-8:15a MST	10:00-11:00a EST 8:00-9:00a MST	1B.1	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies I	Oral (Invited)
1.11.2021	Megan Bela	Effects of Emission, Transport, and Chemistry on Rediction of Air Quality Impacts from Fires	10:15-10:20a EST 8:15-8:20a MST	10:00-11:00a EST 8:00-9:00a MST	1B.2	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies I	Oral
1.11.2021	Michael Robinson	Variability and Diel Dependence of O ₃ - NO _x - VOC Chemistry in Western Wildfire Plumes: Results from the NOAA Twin Otter during FIREX-AQ	10:25-10:30a EST 8:25-8:30a MST	10:00-11:00a EST 8:00-9:00a MST	1B.4	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies I	Oral
1.11.2021	Rebecca Washenfelder	Reactive Trace Gases and Aerosol from Western Wildfires Measured Onboard a Small Aircraft during the Fire Influence on Regional to Global Environments and Air Quality (FIREX-AQ)	10:45-10:50a EST 8:45-8:50a MST	10:00-11:00a EST 8:00-9:00a MST	1B.8	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies I	Oral (Invited)
1.11.2021	Carsten Warneke	Observations and Modeling during Fire Influence on Regional to Global Environments and Air Quality (FIREX-AQ)	3:40-3:45p EST 1:40-1:45p MST	3:30-4:30p EST 1:30-2:30p MST	3B.1	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies II	Oral (Invited)
1.11.2021	Robert Banta	Summertime Wind Regimes in the Columbia River Basin during WFIP2: Flow Characterization and Evaluation of HRRR Model Skil	4:05-4:10p EST 2:05-2:10p MST	3:30-4:30p EST 1:30-2:30p MST	Joint 3.6	Weather, Climate, and the New Energy Economy-Lidar Applications for Renewable Energy Industry and Forecasting--Resource Assessment	Joint
1.11.2021	Gregory Schill	The Ubiquity of Biomass Burning Particles in the Global Remote Troposphere	4:15-4:20p EST 2:15-2:20p MST	3:30-4:30p EST 1:30-2:30p MST	3B.8	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies II	Oral
1.11.2021	Jan Kazil	Trade cumulus cold pool properties during the ATOMIC and EUREC4A field campaign season	4:25-4:30p EST 2:25-2:30p MST	3:30-4:30p EST 1:30-2:30p MST	3A.10	Climate Variability and Change- Clouds, Radiation, and Climate Sensitivity	Oral
1.11.2021	Steve Brown	Chair		10:00-11:00a EST 8:00-9:00a MST	1B	Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies I	Session
1.11.2021	<i>Katherine Ball</i>	<i>Absorption by Biomass Burning Aerosols from Western Wildfires</i>		2:00-3:30p EST 12:00-1:30p MST	Poster 1	<i>Atmospheric Chemistry- 23ATCHEM Monday Posters on Air Quality Impact of Biomass Burning; Effects of Convection/Lightning; Impacts of Covid-19</i>	Poster
1.11.2021	Steve Brown	Chair		2:00-3:30p EST 12:00-1:30p MST	Poster 1	Atmospheric Chemistry- 23ATCHEM Monday Posters on Air Quality Impact of Biomass Burning; Effects of Convection/Lightning; Impacts of Covid-19	Session
1.11.2021	Steve Brown	Chair		3:30-4:30p EST 1:30-2:30p MST	3B	Atmospheric Chemistry- Air Quality and Climate Impacts of Biomass Burning: New Insights from Recent Field, Modeling and Laboratory Studies	Session
1.11.2021	Yelena Pichugina	Co-Chair		3:30-4:30p EST 1:30-2:30p MST		Lidar Applications for the Renewable Energy Industry and Forecasting- Resource Assessment	Session

1.11.2021	Sunil Baidar	Co-Chair		3:30-4:30p EST 1:30-2:30p MST		Lidar Applications for the Renewable Energy Industry and Forecasting- Resource Assessment	Session
TUESDAY							
1.12.2021	Graham Feingold	Aersol Effects on Warm Cloud Systems	10:50-10:55a EST 8:50-8:55a MST	10:30-11:30a EST 8:30-9:30a EST	4.3	Aerosol-Cloud-Climate Interactions- Aersol-cloud interactions in warm clouds	Oral (Invited)
1.12.2021	Pornampai Narenpitak	Lagrangian Large Eddy Simulations of Trade Cumulus Organization During ATOMIC		2:00-3:30p EST 12:00-1:30p MST	Poster 2	Aerosol-Cloud-Climate Interactions- 12AEROSOL	Poster
1.12.2021	Yelena Pichugina	Wind Flow and LLJ Variability from a network of Doppler Lidars at the ARM Southern Great Plains	4:55-5:00p EST 2:55-3:00p MST	4:00-5:00p EST 2:00-3:00p MST	6.1	Boundary Layer and Trace Gas Lidar Studies	Oral
1.12.2021	Jake Gristey	The relationship between shallow cumulus cloud field properties and surface solar irradiance		2:00-3:30p EST 12:00-1:30p MST	34CVC 403	Climate Variability and Change	Poster
Wednesday							
1.13.2021	Sunil Baidar	Co-Chair		1:00-2:00p EST 11:00a-12:00p MST	8	Symposium on Lidar Atmospheric Applications- Emerging Lidar Technologies and Techniques	Session
1.13.2021	Brandi McCarty	Promoting Diversity and Inclusion in the U.S. Department of Commerce Boulder Laboratories	1:35-1:40p EST 11:35-11:40a MST	1:00-2:00p EST 11:00a-12:00p MST	8.6	Diversity, Equity, and Inclusion- Advancing a Culture of Diversity, Equity, Inclusion, and Aecessibility in the Geosciences	Oral
1.13.2021	Michael Diamond	Semi-Direct Effects from Large Scale Smoke-Circulation Interactions Influence the Stratocumulus-to-Cumulus Transition over the Southeast Atlantic Ocean during the Biomass Burning		2:00-3:30p EST 12:00-1:30p MST	667	Aerosol - Cloud - Climate Interactions	Posters
1.13.2021	Amanda Makowiecki	Mobile Platforms for Microjoule Pulsed Doppler Lidar Measurements of Complex Flows		2:00-3:30p EST 12:00-1:30p MST	11LIDAR	Symposium on Lidar Atmospheric Applications	Posters
Thursday							
1.14.2021	Melissa Breeden	The Influence of ENSO on the Spring Transition of the North Pacific Jet and its impact on Deep Stratosphere-to-Troposphere Mass Transport over Western North America	11:10-11:15a EST 9:10-9:15a MST	10:30-11:30a EST 8:30-9:30a MST	10A.7	Conference on Climate Variability and Change- El Nino-Southern Oscillation (ENSO) Dynamics, Predictions, and Impacts	Oral
Friday							
1.15.2021	Harold Gamarro	Observations and Modeling of Sea Breeze Impacts on NYC Metro-Area O3 Distributions	10:55-11:00a EST 8:55-9:00a MST	10:00-11:00a EST 8:00-9:00a MST	13.1	Symposium on the Coastal Environment - Coastal Hazard Assessment and Prediction. Part II; Urban Modeling and Applications to Coastal Urban Environment	Oral