

Poster Session 1: 11:45am-1:00pm

Number	Full name	Affiliation	Session name	Title
A1	Tessa Gorte	ATOC	Oceanography and Large Scale Dynamics	Antarctic ice sheet discharge drives Southern Ocean circulation changes over the coming century
A2	Dhrubajyoti Samanta	NTU Singapore	Oceanography and Large Scale Dynamics	Detection and Attribution of Historical Sea Level Changes over the Indo-Pacific Warm Pool Region
A3	Cole Persch	ATOC	Oceanography and Large Scale Dynamics	The Impact of Orbital Precession on the Southern Ocean
A4	Aiden Jönsson	Stockholm University	Aerosols, Clouds, and Precipitation	What ingredients are needed for global cloud cover to yield the observed hemispheric albedo symmetry?
A5	Andrew Buggee	ATOC/LASP	Aerosols, Clouds, and Precipitation	Retrieving Vertical Profiles of Cloud Droplet Effective Radius using Passive Hyperspectral RemoteSensing
A6	Ethan Murray	ATOC	Aerosols, Clouds, and Precipitation	Tropical Cyclone Eye and Eyewall Cloud Properties and Distributions Observed by Airborne Compact Raman Lidar
A7	David Rosencrans	ATOC	Boundary Layer and Wind Energy	Quantifying Uncertainty of Wake Impacts Across the Atlantic Outer Continental Shelf
A8	Rachel Robey	APPM	Boundary Layer and Wind Energy	Virtual Lidar in Idealized WRF-LES
A9	Serena Lipari DiLeonardo	APPM	Boundary Layer and Wind Energy	Are windstorms in the Front Range becoming more common?
A10	Ziqi Yin	ATOC	Snow and Ice and Space	High-resolution, Fully-coupled Simulations of the Greenland Ice Sheet in a Future, Strong Warming Scenario
A11	Megan Thompson-Munson	ATOC	Snow and Ice and Space	Modeling the response times of climate change at the atmosphere-ice sheet interface
A12	Chris Wyburn-Powell	ATOC/INSTAAR	Snow and Ice and Space	Drivers of Low-Frequency Variability of Arctic Sea Ice
A13	Lucas Howard	ATOC	Weather Dynamics and Prediction	A Hybrid Data Assimilation Method for High Resolution Data
A14	Francine Schevenhoven	ATOC	Weather Dynamics and Prediction	Supermodeling: Synchronising Models to Improve Predictions
A15	McKenzie Larson	ATOC	Weather Dynamics and Prediction	Present and Future Climate Sensitivity Studies of Downslope Winds in Boulder, Colorado
A16	Allison Fagerson	ATOC	Weather Dynamics and Prediction	Airflow dynamics during a mixed-phase winter precipitation event using radar observations from WINTRE-MIX

Poster Session 2: 1:15pm-2:30pm

Number	Full name	Affiliation	Session name	Title
B1	Margot Clyne	ATOC/LASP	Oceanography and Large Scale Dynamics	The Hunga Tonga-Hunga Ha'apai Volcano Model Intercomparison Project (Tonga-MIP)
B2	Sarrah Vipond	GEO	Oceanography and Large Scale Dynamics	Tracing wastewater plume movement toward coastal waters in the Florida Keys
B3	Genevieve Clow	ATOC/INSTAAR	Oceanography and Large Scale Dynamics	Implementing a satellite emulator in CESM2 to evaluate the impact of clouds on ocean chlorophyll observations
B4	Sean Leister	ATOC/CIRES	Aerosols, Clouds, and Precipitation	Understanding 21st Century Arctic Precipitation: How Does It Change?
B5	Mathew van den Heever	LASP/ASEN	Aerosols, Clouds, and Precipitation	Libera Angular Distribution Models
B6	Joshua Mauss	ATOC	Aerosols, Clouds, and Precipitation	Determining the angular dependency of narrowband-to-broadband conversion for the Libera mission
B7	William Bertrand	ATOC/CIRES	Aerosols, Clouds, and Precipitation	Combined Radar-Lidar Global Vertical Cloud Structure Dataset
B8	Johanna Borowski	Fraunhofer-IWES	Boundary Layer and Wind Energy	Uncertainties in Long-Term Wind Speed Predictions for Site Assessment Applications
B9	Andrew Kumler	ATOC/NREL	Boundary Layer and Wind Energy	Assessing the Importance of a Reference Metocean Site for Offshore Wind Energy
B10	Miguel Sanchez Gomez	ATOC	Boundary Layer and Wind Energy	Investigating the physical mechanisms for wind plant blockage
B11	James Crowley	APS/NSO	Snow and Ice and Space	Spectropolarimetric Inversions of the Quiet Sun Photosphere Throughout Solar Cycle 24/25
B12	Matt Watwood	ATOC	Snow and Ice and Space	Accurately Calculating the Annual Mean by Hemisphere
B13	Patcharapol Wachiraphan	APS	Snow and Ice and Space	JWST Thermal Emission Spectra of super-Earth LTT1445Ab
B14	Ash Gilbert	ATOC	Snow and Ice and Space	Observing and Modeling Drainage Mechanisms for Supraglacial Lakes on Russell Glacier, West Greenland
B15	Clairisse Reiher	ATOC	Weather Dynamics and Prediction	An Analysis of North American Polar-Subtropical Jet Superpositions that Coincide with High-Impact Weather Events
B16	Tim Higgins	ATOC	Weather Dynamics and Prediction	Evaluating the Potential Predictability of IVT and Precipitation Extremes in S2S Forecasts
B17	Brennan Dettmann	ATOC/LASP	Weather Dynamics and Prediction	Diversity of MJO Convection Using Gridded Satellite (GridSat-B1) Measurements