Poster Session 1, 11:45-1pm			
Торіс	Poster ID	Presenter	Title
			Isolating the Influence of Temperature-dependent Cloud Optics on Infrared
Aerosols, Clouds, and Precipitation	a1	Ash Gilbert	Radiation within a Model Hierarchy
			Mitigating the Impact of 3D Cloud Effects on CO2 Retrievals for Various
Aerosols, Clouds, and Precipitation	a2	Yu-Wen Chen	Surface and Cloud Types Using a 3D Radiance Simulator
	_	<u>-</u> .	Drivers of observed changes in the wintertime surface energy budget at a
Aerosols, Clouds, and Precipitation	a3	William Bertrand	long-term Arctic ground station
			Atmospheric River related changes over the North American West Coast
Remote Sensing and Atmospheric Science	e a4	Limothy Higgins	under Anthropogenic Warming
	_		Title is not official yet something along the topic of "CERES and CTIM:
Remote Sensing and Atmospheric Science	a5	McKenzie Hawkins	Comparing Measured Earth Radiances"
Remote Sensing and Atmospheric Science	e a6	Lucas Howard	Machine Learning Observation Operator for the Advanced Baseline Imager
To Infinity and Beyond	а7	Keahi Pelkum Donahue	Forecasting Solar Flares with Transformer Networks
	_		Up and Out: Navigating atmospheric stability in the Perdigão valley for wind
To Infinity and Beyond	a8	Nathan Agarwal	energy applications
Oceanography and Large Scale Dynamics	a9	Giovanni Seijo-Ellis	A CESM/MOM6 Regional Configuration of the Caribbean Sea
Oceanography and Large Scale Dynamics	a10	Jacopo Sala	Leading Dynamical Processes of Global Marine Heatwaves
Oceanography and Large Scale Dynamics	a11	Genevieve Clow	Simulated satellite ocean chlorophyll observations in an Earth system model
Polar Processes	a13	Megan Thompson-Munson	Greenland's firn responds more to warming than to cooling
			Antarctic Precipitation: Comparing APS Observations and AMPS Predictions
Polar Processes	a14	lan Mansfield	for Enhanced Meteorological Understanding
		Brennan Demaniow, Michael	Extremely negative sea ice area trends generally align with positive global
Sea Ice	a15	Rollin, Saeed Alshahrani	temperature trends
		Rumer Chatwin, Alyssa Ripley,	
		Emery Schattinger, and Zoë	Decades of positive Arctic sea ice trends cannot be explained by common
Sea Ice	a16	Pekarek	modes of variability
			Evaluation of atmospheric model simulations for the Arctic in comparison to
Polar Processes	a17	Simone Becker	observations.

Торіс	Poster ID	Presenter	Title
Aerosols, Clouds, and Precipitation	p1	Hong Chen	Bridging the Spectral and Spatial Dimension of Three-Dimensional Radiative Transfer in Imagery Cloud Retrievals
Aerosols, Clouds, and Precipitation	p2	Ken Hirata	Quantifying Aerosol Radiative Effects in Heterogeneous Atmosphere using Observations and Atmospheric Models
Remote Sensing and Atmospheric Science	серЗ	Brendan Towle	Remote Sensing of Atmospheric Concentrations of Isotopologues Using Absorption Spectra Calculated From First Principles
Remote Sensing and Atmospheric Science	cep4	Mathew van den Heever	Analysis of Operational-mode Impacts on Future Earth Radiation Budget Observations
To Infinity and Beyond	p5	Da Yang	Performance characterization of an aircraft inlet for aerosol-gas sampling
To Infinity and Beyond	p6	Amanda Steckel	The Science Case for Nautilus: A Multi-Flyby Mission Concept to Triton
To Infinity and Beyond	р7	Marta Moreno Ibanez	Participation of Early Career researchers in group reviews of the latest IPCC Reports: Outcomes and lessons learned
To Infinity and Beyond	p8	Daphne Quint	Offshore wind farms modify low-level jets
Oceanography and Large Scale Dynamic	s p9	Brianna Undzis	Variability in Shelf Sediment Fluxes Due to Changing Arctic Winds: Results from a Numerical Model
Oceanography and Large Scale Dynamic	s p10	Brandon Molina	Changes in ENSO's Oscillatory Behavior in Warmer/Colder Climates
Oceanography and Large Scale Dynamics p11		Samuel Mogen	Multi-month forecasts of marine heatwaves and ocean acidification extremes
Polar Processes	p12	Michelle Maclennan	Antarctic Atmospheric Rivers in Present and Future Climates
Polar Processes	p13	Ziqi Yin	Identifying Energy Balance Drivers and Feedbacks of Greenland Ice Sheet Surface Melt Using Causal Inference
Polar Processes	p14	Kate Kwasnick	Using observations from Ny Allesund and Summit for evaluating WRF simulation of the Arctic
Sea Ice	p15	Michael Rollin	Extremely negative sea ice area trends generally align with positive global temperature trends
Sea Ice	p16	Alexa Luger, Nick Myers, Lauren Christenson	Periods of no trends in Arctic sea ice cannot be explained by common modes of variability.
Sea Ice	p17	Wyn Pauly, Nausica Gaither, Emily Leahy	Arctic Sea Ice Exent Trend Prediction Accuracy Can Be Increased by Ensemble Member Selection

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