



14th Annual Earth System & Space Science “Poster” Conference

Friday, March 19, 2021 – Zoom

Program

11:00am – Welcoming Remarks

11:05am – Lightning Talks

- 1) Wind Farms Induce Wind Speed Deceleration Upstream that is Amplified in Stably Stratified Flows
Miguel Sanchez Gomez (ATOC)
- 2) Detailed Simulations of Blowing Snow Redistribution Across the Antarctic Ice Sheet
Eric Keenan (ATOC)
- 3) Realism of Simulated Internal Variability of Arctic Sea Ice
Chris Wyburn-Powell (ATOC/INSTAAR)
- 4) Contrasting Regional Variability of Buried Meltwater Extent Over Two Years Across the Greenland Ice Sheet
Devon Dunmire (ATOC)
- 5) Meltwater Impacts AMOC Evolution During the Deglaciation
Sara Jean Reinelt (INSTAAR)
- 6) Statistics of Multi-Year El Niño Events
Sara Sanchez (ATOC)
- 7) Global Modulation of ENSO Teleconnections by Pacific Decadal Variability
Nicola Maher (ATOC/CIRES)
- 8) Low Salinity Intrusions in the Northeastern Caribbean Sea: Effects on the Virgin Islands Shelf Break and Trough
Giovanni Seijo (ATOC)
- 9) Stormy Weather: On the Upper Ocean's Response to High-Frequency Wind Variability
Natalie Freeman (ATOC)
- 10) Estimating Tropical Cyclone-Induced Changes in Salinity from ARGO Profiles
Jacopo Sala (ATOC)
- 11) The Character of Large-Scale Atmospheric Environments Conducive to Cool Season Tornadoic and Nontornadoic Outbreaks in the Eastern U.S.
Gillian Grasso (ATOC)
- 12) Heavy Rainfall in Minnesota
Rory Laiho (ATOC)
- 13) Volcanic Eruptions in Global Climate Models: Lessons Learned from the VolMIP-Tambora Interactive Stratospheric Aerosol Ensemble
Margot Clyne (ATOC)

