

Oral Presentation**All times are in EST (UTC-5)**

Presenter	Paper Number	Date	Start time	End time	Title
Xiaojing Du	INV06-783962	Thu. Dec 3	11:07 AM	11:23 AM	High-resolution interannual precipitation reconstruction of Southern California: Implications for Holocene ENSO evolution
Bryce Mitsunaga	PP006-04	Mon. Dec 7	10:12 AM	10:16 AM	Alkenone-Specific $\delta^{2}H$: A New Global Core Top Dataset and Its Implications for Paleo-Salinity and -Seawater $\delta^{2}H$ Reconstructions
Timothy Herbert	PP007-04	Mon. Dec 7	1:42 PM	1:46 PM	Global Temperature Trends Since 20 Ma Driven by Tectonic Degassing of Carbon Dioxide
Sloane Garelick	GC031-05	Tues. Dec 8	7:16 PM	7:20 PM	Timing and Magnitude of Last Deglacial Warming in High-Elevation Regions of Eastern Equatorial Africa
Xueke Li	C023-05	Wed. Dec 9	8:46 AM	8:50 AM	The Impact of Black Carbon Emissions from Projected Arctic Shipping on Regional Ice Transport
Rosa Xu	OS015-0008	Wed. Dec 9	9:02 PM	9:05 PM	The Andes and ENSO Statistics Correction
Isabella Gama	U010-09	Thu. Dec 10	8:59 AM	9:02 AM	The seismic structure of the Alaskan crust and upper mantle (Invited)
Colleen Dalton	DI014-04	Thu. Dec 10	10:04 AM	10:08 AM	Changes in the Rate of Ocean Crust Production over the Past 20 Myr
Mengxi Wu	A099-04	Thu. Dec 10	1:42 PM	1:46 PM	Decomposing mesoscale convective systems and isolated convection in tropical South America
Sarah McGrath	PP026-02	Thu. Dec 10	7:04 PM	7:08 PM	Greenhouse Gas and Ice Volume Drive Pleistocene Indian Summer Monsoon Precipitation Isotope Variability
Meredith Parish	PP026-07	Thu. Dec 10	7:24 PM	7:28 PM	A Terrestrial Indo-Pacific Warm Pool Temperature Reconstruction Enables a Mechanistic Understanding of Climate Changes in the Tropics
Hannah Krueger	DI017-01	Fri. Dec 11	8:30 PM	8:34 PM	Patterns in mantle discontinuity structure of the cratonic lithosphere
Jordyn Babikoff	S050-08	Tues. Dec 15	12:00 AM	12:04 AM	Seismic Tomographic Modeling of Israel and the Middle East: Improved Resolution Through Optimized Model Parameterization
Karianne Bergen	S0151-01	Tues. Dec 15	7:02 AM	7:06 AM	Interpretation and evaluation of machine learning-based earthquake monitoring
Isabella Gama	T050-03	Tues. Dec 15	11:36 AM	11:39 AM	Interactions between Subduction-related Processes and the Upper Plate Lithosphere in Alaska
Laurence Smith	C058-02	Tues. Dec 15	2:34 PM	2:38 PM	Greenland supraglacial discharge measurements correlated with diurnal ice sheet motion
Danielle Blum	A206-05	Tues. Dec 15	11:58 PM	12:05 AM	Speciated Collection of Nitric Acid and Fine Particulate Nitrate for Nitrogen and Oxygen Stable Isotope Determination
Majid Rashbehesh	S065-02	Wed. Dec 16	8:36 AM	8:40 AM	Application of Physics-Informed Neural Networks in Solving Full-Waveform Seismic Forward and Inverse Problems
Jiajue Chai	A234-07	Wed. Dec 16	10:24 AM	10:28 AM	Isotopically Tracking Nitrogen Oxides, Nitrous Acid, Nitric Acid, and Particulate Nitrate from Wildfire during FIREX-AQ
Anant Hariharan	S067-02	Wed. Dec 16	11:36 AM	11:40 AM	Controls on Surface Wave Overtone Interference
Emily Carrero Mustelier	T057-07	Wed. Dec 16	8:24 PM	8:28 PM	Imaging the Upper Plate and Mantle Wedge in the Nicaraguan Subduction Zone with Sp Phases
Samantha Quertani	T057-08	Wed. Dec 16	8:28 PM	8:32 PM	Faulting and Fore-arc Sliver Transport in the Nicaraguan Subduction Zone
Vida Steiro	C069-05	Thu. Dec 17	8:46 AM	8:50 AM	Changes in Sea Ice Travel Conditions in Uummannaq Fjord, Greenland (1985-2019) Assessed through Remote Sensing and Transportation Modeling

Poster Presentation**All times are in EST (UTC-5)**

Presenter	Paper Number	Date	Start time	End time	Title
Brad Marston	SM005-0009	Mon. Dec 7	7:00 AM	11:59 PM	Topological Waves in Plasmas and Analogs to Topological Insulators
Katia Lezine	H011-0018	Mon. Dec 7	7:00 AM	11:59 PM	Remote Sensing of Surface Water Connectivity across the Canadian Shield
Jack Mustard	P006-0005	Mon. Dec 7	7:00 AM	11:59 PM	Laboratory Testing Of Mineral Detection And Abundance Algorithms With Visible-Short Wave Infrared Imaging Spectrometer Data
Emily Joyce	A037-0003	Tues. Dec 8	7:00 AM	11:59 PM	Isotopic evidence that alkyl nitrates are important to aerosol nitrate formation in the Equatorial Pacific
Korbinian Sager	S020-0007	Wed. Dec 9	7:00 AM	11:59 PM	Full Waveform Ambient Noise Inversion in Finite Domains
Ellen Yoo	PP016-0014	Wed. Dec 9	7:00 AM	11:59 PM	Reassessment of Pliocene Permanent El Niño through new Alkenone based SST Reconstruction in the Pacific Warm Pool
Karen Wang	PP022-0003	Thu. Dec 10	7:00 AM	11:59 PM	Mystifying the anomalous high-latitude marine alkenones: novel paleo-sea ice and paleo-SST proxies
Fei Guo	PP022-0004	Thu. Dec 10	7:00 AM	11:59 PM	High-resolution Elemental Concentrations of Linxia Loess Sequence and Their Implications for Multiscale Monsoon Variations
Nir Badt	S031-0021	Thu. Dec 10	7:00 AM	11:59 PM	The effects of temperature and fluid pressure on thermal pressurization of pore fluids in faults
Junlin Hua	DI015-0014	Fri. Dec 11	7:00 AM	11:59 PM	Partially molten asthenosphere beneath Anatolia and in high temperature regions globally
Victor Tsai	S054-0010	Tues. Dec 15	7:00 AM	11:59 PM	Elastic Impacts of Fault Zone Structures as a Physical Alternative to the Brune-Haskell Model
Kuan Li	NG008-0005	Wed. Dec 16	7:00 AM	11:59 PM	Direct Statistical Simulation: An Alternative Approach To Turbulence
Eric Burdette	MR022-0003	Wed. Dec 16	7:00 AM	11:59 PM	Frictional Stability at High Pressure vs. Fault Angle: A Derivation for Experimental Applications Including Confining Resistance and Its Implications for Natural Seismicity
Cameron Meyers	MR028-07	Thu. Dec 17	7:00 AM	11:59 PM	Low-temperature plastic yielding of olivine aggregates deformed at high pressures: New results leveraging a novel cell assembly for the Griggs Apparatus

e-lightning Presentation**All times are in EST (UTC-5)**

Presenter	Paper Number	Date	Start time	End time	Title
Wendell Walters	A074-07	Wed Dec 9	1:48 PM	1:51 PM	Constraining Elevated Urban Atmospheric Ammonia/Ammonium Sources in New England Utilizing Novel Isotopic Measurements
Eashan Das	P038-07	Thu. Dec 10	10:18 AM	10:21 AM	Investigating the Origin of Gypsum in Olympia Undae
Ethan Kyzivat	A128-13	Fri. Dec 11	2:06 PM	2:09 PM	Sensitivity of lake and wetland methane emissions upscaling to littoral zone area using airborne synthetic aperture radar
Sian Liao	B083-08	Mon. Dec 14	8:51 AM	8:54 AM	C_{30} Ethyl Alkenoates as New Group II Isochrysidales Proxy for Detecting Mixed Alkenone Productions in Ocean Sediments
Anson Cheung	PP045-08	Tues. Dec 15	7:21 PM	7:24 PM	Middle to late Holocene sea surface temperature and productivity changes in the Northeast Pacific

Sessions**All times are in EST (UTC-5)**

Conveners	Session Number	Date	Start time	End time	Session Name
Korbinian Sager	S017	Wed. Dec 9	3:00 PM	4:00 PM	Correlation Seismology: A New Perspective on Seismic Interferometry
Isabella Gama, Hannah Krueger, Sloane Garelick	ED038	Mon. Dec 14	10:00 AM	11:00 AM	Inclusivity in Geosciences: A conversation between scientists and educators

Celebrations**All times are in EST (UTC-5)**

Presenter	Date	Time	Event
Jim Russell	Mon. Dec 7	6:00 PM	Come cheer Jim as he receives the Willi Dansgaard award.
Tim Herbert	Wed. Dec 9	6:00 PM	Come cheer Tim as he gets inducted as an AGU Fellow.