



IRIS Intern Presentations at the 2021 Fall AGU



Student, Institution	Mentor, Institution	Project	Session
Anneke Avery, Calvin College	Kevin Michael Ward, South Dakota School of Mines and Technology	Array Processing of Receiver Functions Across the Southern Alaska Cordillera Using 400 Nodal Seismometers	T55A-0053
Gwyn (Owyn) Colwell, Beloit College	Tolulope M. Olugboji, University of Rochester	Effect of Sensor Mis-Orientations On Short-Period Love Wave Phase Dispersion Measurements in Africa	T25B-0173
Savannah Devine, Appalachian State University	Yihe Huang, University of Michigan	The Impact of Fault Friction Behaviors on Estimated Ground Motions in the Cascadia Subduction Zone	T35B-0201
Amanda (Mandy) Jackson, University of Washington	Zhigang Peng, Georgia Institute of Technology	Utilizing Machine Learning and Matched Filter Techniques to Expand the 2011-2012 Summerville, South Carolina Earthquake Catalog	S45E-0351
Estevan Munguia, University of Colorado Boulder	Hunter A Knox, Pacific Northwest National Laboratory	High Frequency Seismic Interferometric Measurements and Characterization of Stimulation Induced Velocity Changes in the EGS Collab Experiment 1: Evaluation of the Stretching Method	S25B-0223
Maxim Altan-Lu Shapovalov, UC Riverside	Parker Sprinkle, Pacific Northwest National Laboratory	High-Frequency Seismic Interferometry and Monitoring of Stimulation Induced Velocity Changes in the EGS Collab Experiment 1	S25B-0224



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Jack Sheehan, Rice University	Zhigang Peng, Georgia Institute of Technology	Machine Learning Detection of P-Waves in Laboratory Acoustic Emission Events to Understand the Mechanics of Deep-Focus Earthquakes	S35D-0249
Yuri Tamama, Princeton University	Tolulope M. Olugboji, University of Rochester	Autoadaptive Bayesian Construction of Short-period Phase Velocity Maps and Uncertainties Across Africa	T25B-0176
Cameron Wang, Scripps Institution of Oceanography	Yang Shen, University of Rhode Island	Identifying lava bombs in seismometer data during the 2018 Kilauea eruption	V25D-0153
Joshua Watzak, Texas A&M University	Robert E Anthony, USGS	Variability and Precision of Acoustic-to-Seismic Coupling from Explosions Recorded Across Albuquerque Seismological Laboratory	S55C-0161
Jalissa Weekes, Fort Valley State University	Ryan C Porter, Northern Arizona University	Automated Post Wildfire Debris Flow Detection using Seismic Data	S55B-0142