Thursday
GC1

speakers	time	title
Jonathan Snively	15-min	Acoustic-Gravity Wave Evolutions and Layered Observables in the MLT
Dominique Pautet	20-min	AWE status and data highlights
Pavel Inchin	10-min	Severe Weather-Generated Acoustic and Gravity Wave Impacts on the Ionosphere: A Model-Guided Case Studies
Aguilar Guerrero Jaime	10-min	Reconstruction of Atmospheric Gravity Waves from Deep Convection Over CONUS Using AWE, TEC, and AIRS Data
Alan Liu	10-min	High frequency gravity waves measured by the CONDOR meteor radar and their modulation by atmospheric tides
Eric Becker	10-min	A new Dynamic Smagorinsky Model (DSM) for the macro-turbulent diffusion of momentum and sensible heat in a high-resolution whole-atmosphere model
Sharon Vadas	10-min	Large-scale, higher-order GWs from orographic forcing and the polar vortex simulated by the HIAMCM, and comparison with ICON-MIGHTI data during the winter of 2020-2021
Discussion		

Friday
GC2

speakers	time	title
Jiarong Zhang	15-min	Comparison of gravity waves observed by Atmospheric Waves Experiment (AWE) and simulated by high-resolution WACCM-X
Wenjun Dong	10-min	Insights from Observations and Modeling: Downscale and Upscale Energy Cascades Driven by Kelvin-Helmholtz Instability in a Semi-diurnal Tide
Yucheng Zhao	15-min	Global Variation of Mesospheric Gravity Waves Observed by AWE
Benedict Pineyro	10-min	Modeling Acoustic-Gravity Wave Propagation Using the Multi-Component Transport Equations
Sevag Derghazarian	10-min	The role of gravity waves in the mesosphere, thermosphere and ionosphere cross-scale coupling and irregularities: Observations and numerical simulations. Gravity waves in the upper atmosphere and ionosphere
Sreelekshmi Radhakrishnan Girijakumary	10-min	Quantifying Mesospheric Gravity Wave Coupling to Ionospheric TIDs Using NASA AWE and GNSS Observations

Jackson Jandreau	5-min	McMurdo Gravity Wave Energy Evolution from 30-110 km using 14 years of Lidar Observations

Discussion

Zoom link of this GC

https://erau.zoom.us/j/97064966861?pwd=6UqF1roHjFHqJsK5FSgRW81bBbnDrj.1