



2023 CEDAR Workshop: Wave-induced Vertical Coupling in Space-Atmosphere Interaction Region			
10:00-10:14	Ruth Lieberman	GSFC, NASA	Tidal and Planetary Wave Modulation of Gravity Wave Forcing
10:14-10:28	Zishun Qiao	Embry-Riddle Aeronautical U./ HAO, NCAR	Interhemispheric Coupling during Major NH SSWs and the Role of Waves: Preliminary Results
10:28-10:42	Jens Oberheide	Clemson University	A statistical study of the tidal weather of the MLT region using MIGHTI/ICON observations
10:42-10:56	Chris Krier	Virginia Tech	Tidal Impact on Column O/N <sub>2</sub> Variability: Addressing the Limitation of Ionospheric Contamination
10:56-11:10	Huixin Liu	Kyushu University	Impact of El Niño-induced O <sub>3</sub> variability on MLT tides
11:10-11:24	Garima Malhotra	CU Boulder	Coupling between thermospheric gravity waves and non-migrating tides simulated by the Whole Atmosphere Model
11:24-11:38	Sharon Vadas/ Erich Becker	NWRA	Multi-step vertical coupling of gravity waves from the lower to upper atmosphere
11:38-11:52	Masaru Kogure	CCMC, NASA	Characteristics of gravity wave horizontal phase velocity spectra in the OH airglow layer over the Antarctic stations, Syowa and Davis
11:52-12:00	Enrique Rojas	Cornell University	Exploring the use of coherent scatter radars and ionosondes for studying gravity waves in the equatorial region