

Seminar über Microwave Physics and Atmospheric Physics

Referent/in: Ruth Lieberman, NASA

Titel: The Roles of Tides and Planetary Waves in Vertical Atmospheric Coupling

The Ionosphere and thermosphere are significantly perturbed by waves propagating from below these regions. This presentation will consist of a review on the dynamics of tides and planetary waves, and the mechanisms by which these waves transmit signatures of tropospheric "weather" and stratospheric polar vortex evolution into the mesosphere, thermosphere and ionosphere. I will then show observations from ground- and space-based platforms that confirm these mechanisms and quantify their effects.

Zeit: Montag, 29.01.2024, 10:00 Uhr

Ort: Room A97
<https://unibe-ch.zoom.us/j/97081325603?pwd=d0ozME5xOS9pQVNxallLem81VHQyZz09>
Meeting ID: 970 8132 5603
Passcode: iapmw