

Come to the:

Laboratory for Atmospheric and Space Physics

for Our Next Public Lecture:

Taking AIM at Noctilucent Clouds

Dr. Aimee Merkel

Tuesday, May 1st

7:30 pm

LASP Auditorium 299

On summer nights, an awe inspiring atmospheric phenomena can be observed at some latitudes. Delicately structured noctilucent clouds are visible in the night sky. These “night shining” clouds that occur 50 miles above the Earth’s surface, on the edge of space, are much different than common weather clouds. Since first spotted in 1885, the clouds seem to be increasing in frequency and may be related to increases in carbon dioxide and methane emissions from human activity.

Dr. Aimee Merkel will talk about noctilucent clouds and the Aeronomy of Ice in the Mesosphere (AIM) mission, which launched on April 25th. The AIM mission is dedicated to understanding the high atmosphere, including these spectacular clouds, and will give an unprecedented look at how the mesospheric region of the Earth’s atmosphere is changing.

Doors open at 7:00 pm. For more information, contact Erin Wood (303) 735-0962.

