

Come to the
Laboratory for Atmospheric and Space Physics
for Our Next Public Lecture:

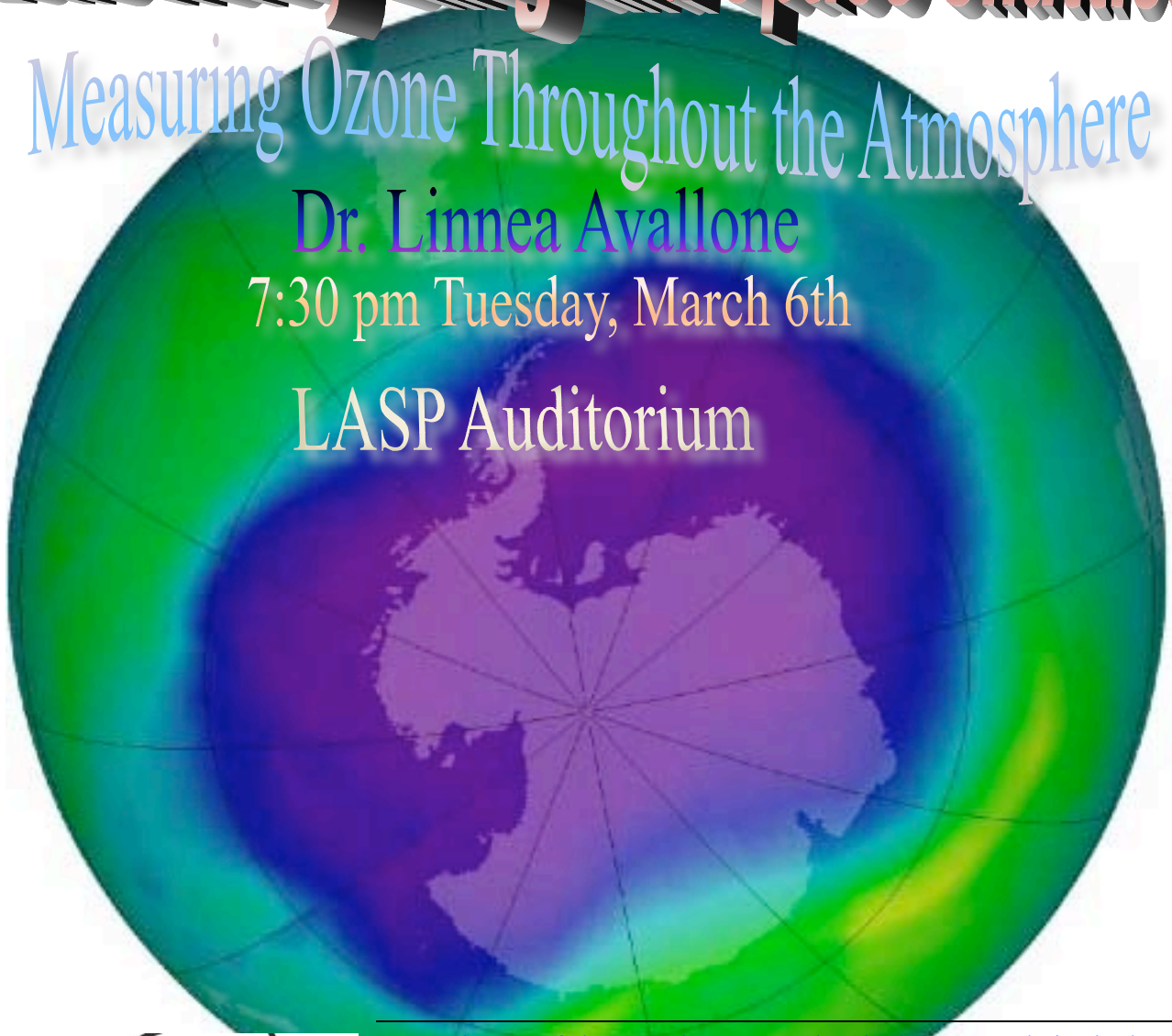
Ozone Holes, Smog and Space Shuttles!

Measuring Ozone Throughout the Atmosphere

Dr. Linnea Avallone

7:30 pm Tuesday, March 6th

LASP Auditorium



Ozone is one of the most important chemical compounds in the lowest part of the atmosphere. In the stratosphere, ozone absorbs solar ultraviolet (UV) radiation, protecting life on earth from UV-induced DNA damage, but near the surface of our planet, ozone is a pollutant linked to significant health effects such as asthma.

In this presentation, Dr. Linnea Avallone will talk about field studies to measure ozone and its chemistry in a variety of places - in the polar regions where the "ozone hole" phenomenon occurs, in the exhaust plume of the Space Shuttle, and on the ground where air pollution is important. She will also describe and show some of the technology, including sensors built at LASP, high altitude balloons, and specialized aircraft, that helps measure ozone throughout the lower atmosphere.

Parking and admission is free and open to the public.

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

