



NCAR
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Mesoscale & Microscale
Meteorology Laboratory

MMM SEMINAR

Please join us in welcoming **Andrea Gordon**, NSF NCAR/MMM, for our upcoming MMM Seminar Series.

MMM Seminar @ 2:00PM,

Refreshments @ 1:45PM

Please also join colleagues for refreshments and informal discussion after the seminar until 3:30PM.

Participants watching the live webcast may ask questions during the seminar via [Slido](#). This seminar will be hybrid, you may attend in-person or watch the **live webcast**.



Add to Calendar
Nov. 5, 2026



**Location: FL2-1022,
Large Seminar
Auditorium**

Tropical Cyclone Impacts on the Upper Troposphere and Stratosphere

Andrea Gordon
NSF NCAR/MMM

Tropical cyclone (TC) structure and intensity are recognized to be impacted by different environmental factors, such as sea surface temperature (SST) and deep-layer vertical wind shear (VWS). TCs are also recognized to impact and be impacted by climate variability and change, including composition change in the upper troposphere and lower stratosphere (UTLS) facilitated by stratosphere-troposphere exchange (STE) processes.

[Link to Full Abstract & Bio](#)