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# SEMINAR

## Transported ozone and surface air quality in the Western U.S.: Some lessons from CABOTS and FAST-LVOS

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Abstract:
Significant reductions in $NO_x$ emissions from stationary and mobile sources in recent years have led to corresponding decreases in ambient ozone ($O_3$) concentrations across much of the U.S. The declines have been much more modest in the West, however, where ozone originating from stratospheric intrusions, wildfires, and Asian pollution has a greater impact on surface concentrations. In this talk, I will describe some of the findings from two field studies designed to investigate these processes: the California Baseline Ozone Transport Study (CABOTS) conducted in the San Joaquin Valley of California during in the late spring and summer of 2016, and the Fires, Asian, and Stratospheric Transport-Las Vegas Ozone Study (FAST-LVOS) conducted in the late spring and early summer of 2017.

**Date:** Monday, March 12, 2018; **Time:** Refreshments 3:15pm, Seminar 3:30pm
NCAR Foothills Laboratory - 3450 Mitchell Lane, Boulder, CO 80301
FL2-1022, Large Auditorium
**Live webcast:** http://ucarconnect.ucar.edu/live

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