

# *MMM*      SEMINAR      *NCAR*

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## **Aircraft-Produced Contrails: Formation, Microphysical Properties and Climate Effects**

*Andrew Heymsfield*  
NCAR  
Boulder, CO

This seminar will review the current state of understanding of the science of aircraft-produced contrails: 1) how they are formed, 2) their microphysical properties as they evolve and 3) the ice nucleating properties of soot aerosols and whether these aerosols can nucleate cirrus crystals. Key gaps and underlying uncertainties in our understanding of contrails and their effect on local, regional and global climate are identified.

*This seminar will be recorded and available to view via webcast at:*  
<http://www.fin.ucar.edu/it/mms/fl2-live.htm>

**Thursday, 23 January 2014, 3:30 PM**  
Refreshments 3:15 PM  
NCAR-Foothills Laboratory  
3450 Mitchell Lane  
Bldg 2 Small Seminar Room 1001

MMM SEMINAR COORDINATORS:  
Rich Rotunno, 303.497.8904, [rotunno@ucar.edu](mailto:rotunno@ucar.edu)  
Chris Snyder, 303.497.8966, [chriss@ucar.edu](mailto:chriss@ucar.edu)  
<http://www.mmm.ucar.edu/sem/seminars.html>