



ATS/CIRA Colloquium

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Visiting ATS from NCAR

**The Air You Breathe: An Overview and Early Results from
the Front Range Air Pollution and Photochemistry
Experiment (FRAPPE)**

Hosted by Emily Fischer

Friday, September 16, 2016

**ATS room 101; Discussion will begin at 11:15am
Refreshments will be served at 10:45am in the weather lab**

The Front Range Air Pollution and Photochemistry Experiment (FRAPPÉ) was carried out in conjunction with the fourth deployment of the Deriving Information on Surface conditions from Column and Vertically Resolved Observations Relevant to Air Quality (DISCOVER-AQ) Mission in the summer of 2014. Four Aircraft, six mobile labs, and a number of instrumented ground sites were deployed over a five week period.

Final data has now been available on the NASA Airborne Science data archive for about a year and first results have crystallized from the analysis of this very large and complex data set. This presentation will provide a short overview of the mission, summarize the current state of the science, present some first results as well as future directions for more in-depth data analysis.

Link to colloquium videos and announcement page: <http://www.atmos.colostate.edu/dept/colloquia.php>