

# ASP Seminar Series

**Vani Cheruvu**  
Daniel Kirshbaum  
Gabriele Pfister

- Speakers from Boulder area
- Overview of their research area
- Aim to cover a broad range of interests
- Monthly talks, typically on Wednesdays at 11 am
- Open to everyone
- Lunch with the speaker, everybody is invited
- Talks are videotaped and available online
- <http://www.asp.ucar.edu/seminars.html>

# **ASP Seminar Series 2005/2006**

# **A Thank You to Everybody for Suggestions**

*Christiane Jablonowski and Ben Johnson*  
**For Sharing Their Experiences**

Oct-5	<b>John Latham</b>	Mesoscale & Microscale Meteorology Division	NCAR
Oct-26	<b>John Ogren</b>	Climate Monitoring and Diagnostics Laboratory	NOAA
Nov-11	<b>Doug Nychka</b>	Institute for Mathematics Applied to Geosciences	NCAR
Dec-14	<b>Roger Pielke Sr.</b>	Department of Atmospheric Science	Colorado State University
Jan-18	<b>Don Lenschow</b>	Mesoscale & Microscale Meteorology Division	NCAR
Feb-15	<b>Susan Solomon</b>	Aeronomy Laboratory	NOAA
Mar-15	<b>Sonia Kreidenweis</b>	Department of Atmospheric Science	Colorado State University
Apr-19	<b>Pieter Tans</b>	Climate Monitoring and Diagnostics Laboratory	NOAA
May-17	<b>Bill Randel</b>	Atmospheric Chemistry Division	NCAR

*Time and Location: Wednesday, 11 am (with one exception)*  
 ML Main Seminar Room or FL 1022

October 5, 2005

**John Latham**

*Mesoscale & Microscale Meteorology Division*

*National Center for Atmospheric Research Research*

TITLE

“Assessment Of A Proposed Technique For Global Warming Mitigation Via Albedo-enhancement Of Marine Stratocumulus Clouds”

October 26, 2005

**John Ogren**

*Climate Monitoring and Diagnostics Laboratory*

*National Atmospheric and Oceanic Administration*

Leader of the Aerosol Group in CMDL

Aerosol Research, Participation in the Atmospheric  
Radiation Measurement Program (ARM)

November 11, 2005

**Doug Nychka**

*Institute for Mathematics Applied to Geosciences (IMAGE)*

*National Center for Atmospheric Research*

Director of IMAGE

Migrating statistical techniques to important scientific problems and using these problems to motivate novel statistical research, Data Assimilation and multiresolution techniques

December 14, 2005

**Roger Pielke Sr.**

*Department of Atmospheric Science*

*Colorado State University*

State Climatologist and Professor

Climate Variability and Change, Environmental  
Vulnerability, Hurricane Modeling

January 18, 2006

**Don Lenschow**

*Mesoscale & Microscale Meteorology Division*

*National Center for Atmospheric Research*

Senior Scientist

Research on both the clear and cloud-capped planetary boundary layer, collecting and analyzing turbulence data from both airborne and ground-based field deployments.

February 15, 2006

**Susan Solomon**

*Aeronomy Laboratory*

*National Atmospheric and Oceanic Administration*

Senior Scientist

Photochemistry and transport processes in stratosphere and troposphere; remote sensing of the atmosphere by spectroscopic methods; ozone depletion at mid-latitudes and in polar regions; coupling between trace gases and the Earth's climate system

March 15, 2006

**Sonia Kreidenweis**

*Department of Atmospheric Science*

*Colorado State University*

Professor

Aerosol characterization, aerosol-cloud interactions, cloud microphysics, cloud modification, and instrument development

April 19, 2006

## **Pieter Tans**

*Climate Monitoring and Diagnostics Laboratory*

*National Atmospheric and Oceanic Administration*

Senior Scientist

Global atmospheric measurements of CO<sub>2</sub>, CH<sub>4</sub>, CO, H<sub>2</sub>, N<sub>2</sub>O, SF<sub>6</sub>, and isotopic ratios in several of those species. Numerical models of atmospheric transport. Field measurements of air-sea gas exchange.

May 17, 2006

**Bill Randel**

*Atmospheric Chemistry Division*

*National Center for Atmospheric Research*

Senior Scientist

Dynamic variability and climatology of the stratosphere, and understanding the transport of trace constituents in the atmosphere using satellite observations, stratosphere-troposphere coupling.

TBA

**Mark Rast**

*High Altitude Observatory*

*National Center for Atmospheric Research*

Solar Physics, fluid dynamics of the solar  
interior