

LAND-ATMOSPHERE-  
OCEAN INTERACTIONS **Showcase**

Friday, October 10, 2003

Noon-1:30 pm

**Lunch**

*at the Redington Restaurant,  
Student Union Memorial Center*

3:00-3:15 pm

**Break**

SESSION 1  
**LAND SURFACE MODELING**

1:45-2:00 pm

**Bottom boundary condition in land  
surface model**

*Xubin Zeng*

2:00-2:15 pm

**The new FVC-added climatology of CLM**

*Michael Barlage*

SESSION 3  
**SURFACE ALBEDO**

3:15-3:30 pm

**Impact of MODIS surface albedo over  
deserts on global modeling**

*Zhuo Wang*

3:30-3:45 pm

**Back to the fundamentals of snow  
albedo measurement**

*Jesse Miller*

SESSION 2  
**PRECIPITATION AND SOIL MOISTURE**

2:15-2:30 pm

**The relation of precipitation and  
precipitable water over  
the conterminous United States and  
Mexico**

*Er Lu*

2:30-2:45 pm

**A new indicator of the land and ocean  
surface impact on local  
precipitation**

*Kelly Wink*

2:45-3:00 pm

**Comparison of MODIS reflectance with  
NLDAS land surface and precipitation  
data**

*Emily Whittington*

SESSION 4  
**ATMOSPHERIC INTERACTIONS WITH  
THE CRYOSPHERE**

3:45-4:00 pm

**Surface fluxes over sea ice**

*Mark Decker*

4:00-4:15 pm

**An intercomparison of the surface  
turbulent flux algorithms in several  
models over Arctic sea ice**

*Michael Brunke*

SESSION 5  
**INVITED PRESENTATION**

4:15-4:30 pm

**Indexing and querying XML databases**

*Praveen Rao*

*Department of Computer Science*