

Land-Atmosphere-Ocean Interactions

Fall Showcase 2007

January 15, 2008

Room 504

PAS Building

Opening Remarks

Welcome

Michael Brunke
and
Xubin Zeng

Feature Presentations

(30 min. each)

**Further remarks on the revised form of the
Richards equation**

Xubin Zeng

**The diurnal cycle of a prognostic skin sea
surface temperature scheme in CAM3 and
its effects on modeled global climate**

Michael Brunke

Lunch

(about 1 hour)

Redington Restaurant

Feature Presentations (cont'd)

**Empirical mode decomposition: a lens for
viewing multiple time scales and trends in
our data**

Suz Tolwinski

Tree-rings link carbon storage and climate

April Chiriboga

Feature Presentations (cont'd)

**An introduction to the Community
Radiative Transfer Model (CRTM) and the
impact of snow treatment**

Zhuo Wang

Break

(10 min.)

Short Presentations

(10 min. each)

Sensitivity of the CRTM

Steven Stegall

ENSO and predictability of the Nile flood

Alaa Mohamed Ali

**An empirical water table depth formulation
for the revised Richards equation**

Mark Decker

**Stability correction and dead leaf
resistance for under-canopy ground
evaporation in NCAR CLM**

Koichi Sakaguchi

**Examining the utility of leaf functional trait
datasets for predicting GPP in DGVMs**

Brad Christofferson

Further Discussion of Short Presentations

(if time remaining)