

2009 SeCAPS Agenda

Friday, February 27th – University of South Alabama Student Center Ballroom

- 4:30 – 5:00 pm Registration
- 5:00 pm Introduction & StormReady Ceremony
- 5:15 – 5:45 pm Featured Speaker: Ron Holle
Lightning Detection, Applications, and Avoidance
- 5:45 – 6:05 pm Jason Elliott
Heavy Rainfall Events in the Central Tennessee Valley
- 6:05 – 6:25 pm Jené Young
Hunker Down- TV Weathers Ongoing Storm
- 6:25 – 6:40 pm Break
- 6:40 – 7:00 pm Michael Scotten & Krissy Scotten
Correlating El Niño-Southern Oscillation to Cold Season Tornado Occurrences at NWS Memphis
- 7:00 – 7:20 pm John Gordon
Extreme danger: Vehicle Hyperthermia!
- 7:20 – 7:50 pm **Keynote Address:** Dr. Lance Bosart
- 7:50 – 9:00 pm SeCAPS Reception

Saturday, February 28th – University of South Alabama Student Center Ballroom

- 8:00 – 8:30 am Registration
- 8:30 – 8:40 am Welcome

Tropical/Coastal Session

- 8:40 – 9:00 am Rich Henning
Hurricane Size versus Intensity and Implications Regarding Impact

- 9:00 – 9:20 am Shailer Cummings & S. Jack Stamatatos
Ocean Wave Spectra Associated With A Passing Hurricane In Shallow Water
- 9:20 – 9:40 am Jeff Garmon
Waterspout Forecasting– A U.S. Gulf Coast Retrospective and Modern Day Look
- 9:40 – 9:50 am Break
- 9:50 – 10:30 am **Keynote Address:** Dr. Neil Frank
- 10:30 – 10:45 am Break

Panel Discussion on the Future of Operational Meteorology

- 10:45 – 11:45 am **Panel Discussion**

Dave McShane, NWS Mobile, AL
John Gordon, NWS Louisville, KY
Alan Gerard, NWS Jackson, MS
Ken Graham, NWS Slidell, LA
- 11:45 am – 1:15 pm Lunch (On your own)
- 1:15 – 2:00 pm **Poster Session**

P1: A Look at a Rare MS/LA Heavy Snow Event: Cooling Processes and Precipitation Type
Blake E Michaleski
- P2: Hurricane Frederic: A Gulf Coast Nightmare, the Terrible Truth of Tropical Destruction
Charles Aldrich and Fred Schmidt
- P3: Radar Analysis of January 24-25, 2000 Snowstorm as Observed From the Columbia, S.C. Radar Site
Chris Provence
- P4: The January 29, 2005 North Georgia Ice Storm Contributed by Cold Air Damming
KC Curry and Robert Frye

P5: The Red Flag is Out in Atlanta! Tornado Spawned from Hurricane
Cindy Damages Motor Speedway
KC Curry, Matthew Lewis and Jason Moreland

P6: Synoptic and Mesoscale Analysis of the March 29, 2000 Dauphin
Island, Alabama Tornadic Supercell
Matthew Grantham & Jeffrey M. Medlin

P7: Surface Pressure Observations from Portable and Land-Based
Stations in Hurricane Gustav (2008)
Scott F. Blair, Boniface J. Mills, Jillian R. Blair

P8: A North Alabama Winter Weather Event:
From a Dual-Pol Perspective
Todd Murphy and Matthew Anderson

2:00 – 2:20 pm Dr. Kevin Kloesel

Severe Local Storms Session

2:20 – 2:40 pm Jeffrey Medlin & Matt Grantham
*Meso- α Scale Examination of the 29 March 2000 Dauphin Island
Alabama 'Wedge Tornado's' Pre-Storm Environment*

2:40 – 3:00 pm Dr. Tim Coleman
*Mesoscale Processes that may Impact Mesocyclone Intensity and
Tornadogenesis*

3:00 – 3:10 pm Break

3:10 – 3:30 pm Jeffrey Medlin
*Single-Doppler Radar Morphology and Evolution of the 29 March 2000
Dauphin Island Alabama Tornado-Producing Mesocyclone*

3:30 – 3:50 pm J. Parks Camp
Integrating Geospatial Data into Storm Damage Assessment

3:50 – 4:10 pm Jeff Garmon
*29 March 2000 Tornado Near Dauphin Island, Alabama: A Study in
Situational Awareness and Potential Societal Impacts*

4:10 – 4:20 pm Wrap Up

4:30 College Weather Road Tour

