

2010 SeCAPS Agenda

Friday Afternoon Session

4:30-5:00 pm Registration

5:00-5:15 Welcome & Introduction

5:15-5:25 **“Ocean Data Quality Control? That’s Stupid!”**, Dr. William Burnett, NOAA’s National Data Buoy Center

5:25-5:55 **A User’s Guide for the NDBC Deep-water Buoys in the Gulf of Mexico**, Richard Bouchard, NOAA’s National Data Buoy Center

5:55-6:15 **Preliminary Single Doppler Radar Analyses of U.S. Central Gulf Coast Pulse Severe Thunderstorms and Associated Basic Evolutionary Characteristics**, Meghan Mee, University of South Alabama and Jeffrey Medlin, Science and Operations Officer, National Weather Service, Mobile, AL

10 MINUTE BREAK

6:25-6:45 **Extreme Winds Associated with a Collapsing Core on the Mobile Waterfront During The Landfall of Hurricane Katrina**, Dr. Keith G. Blackwell, Associate Professor of Meteorology, Dr. Aaron Williams, Associate Professor Emeritus of Geography, Jason Holmes, Meteorologist

6:45-7:30 **Featured Speaker:** Dr. Steve Lyons, The Weather Channel

Saturday Morning Session

8:00-8:30 am Registration

8:30-8:40 Welcome & Beat the Heat Presentation

8:40-9:00 **Beat the Heat, Check the Backseat**, John Gordon, NOAA/NWS Louisville, Charles Aldrich and Walt McCall, University of South Alabama

9:00-9:20 **Profiling Of Winter Storms (PLOWs): An Overview, Observations, and Opportunities**, Ryan A. Wade and Kevin R. Knupp, The University of Alabama in Huntsville

5 MINUTE BREAK

9:25-10:05 **Recent Insights Regarding the Mid-latitude Occlusion Process: The Spoils of Healthy Skepticism**, **Featured Speaker:** Jonathan E. Martin, Department of Atmospheric and Oceanic Sciences, University of Wisconsin-Madison

10 MINUTE BREAK

10:15-11:30 Panel Discussion

LUNCH

Saturday Afternoon Session

1:00-1:30 pm Poster Session

1:30-1:50 **Super Tuesday Storm Variability**, Todd Murphy and Kevin Knupp, University of Alabama in Huntsville

1:50-2:30 **"What's left to learn about tornadoes?"**, **Featured Speaker:** Dr. Erik Rasmussen

2:30-2:50 **The ARMOR C-Band Radar Polarimetric Radar Signatures of Large Hail: The April 10th, 2009 Severe Weather Outbreak over Northern Alabama**, Matthew Anderson, Larry Carey, Walt Petersen, Kevin Knupp, University of Alabama in Huntsville

10 MINUTE BREAK

3:00-3:20 **Development of a High Resolution Local Forecast Model at the Mobile, Alabama, NWS Office**, Jeffrey M. Medlin, Science and Operations Officer, National Weather Service, Mobile, AL

3:20-4:00 **Global Warming: Where's the Alarm?**, **Featured Speaker:** Dr. John Christy, Director, Earth System Science Center, Distinguished Professor, Atmospheric Science University of Alabama in Huntsville, Alabama State Climatologist