

2012 SeCAPS Agenda

Friday Evening Session, March 23th – Allied Health Auditorium

- 4:30 – 5:00 pm **Registration**
- 5:00 – 5:15 pm **Welcome & Introduction**
- 5:15 – 5:30 pm **Multi-scale Examination of the "Forgotten" April 15, 2012 Tornado Outbreak**
Jeff Medlin, National Weather Service Mobile, AL
- 5:30 – 5:50 pm **Hurricane Storm Surge & Waves: Examples of Damage & Modeling**
Dr. Scott L. Douglas, University of South Alabama
- 5:50 – 6:35 pm **"Being Chased by the Wind"**
Keynote Speaker: *Dr. Kevin Knupp, University of Alabama at Huntsville*
- 6:35 – 6:45 pm **BREAK**
- 6:45 – 7:30 pm **"Alabama Under Siege" - Media Perspective on the Record Breaking Tornado Outbreak of April 27th, 2011 & the Major Outbreak of January 23rd, 2012**
Keynote Speaker: *Jerry Tracey, WVTM Alabama's 13*
- 7:30 – 9:30 pm **Mixer - Facility Club**

Saturday Morning Session, March 24th, 2012 – Allied Health Auditorium

- 8:00 – 8:30 am **Registration**
- 8:30 – 8:40 am **Welcome & Opening Remarks**
- 8:40 – 9:00 am **Incorporating General Aviation Volunteers into Aerial Damage Surveys**
John Gordon, National Weather Service, Louisville
- 9:00 – 9:20 am **Atmospheric Profiling in Extreme Conditions during 2011: January 10 Tennessee Valley Thundersnow & April 27th Tornado Outbreak**
Ryan Wade, University of Alabama in Huntsville

9:20 – 9:40 am **A Descriptive Synoptic Analysis of the Precipitation Distributions Associated with Landfalling Tropical Cyclones on the Eastern United States**

Matthew J. Sandersons, University of Kansas

9:40 – 9:50 am **BREAK**

9:50 – 10:35 am **NRL Tropical Cyclone Satellite Web Page: 15 Years of Quasi-Operational and R&D Applications**

Featured Speaker: *Jeff Hawkins, Naval Research Laboratory*

10:35 – 10:55 am **Overview of UAHuntsville ground-based observations of landfalling Hurricane Irene (2011)**

Stephanie Mullins, University of Alabama in Huntsville

10:55 – 11:00 am **BREAK**

11:00am – 12:00 pm **Panel Discussion - "Severe Weather Outbreaks in a Weather Ready Nation"**

12:00 – 1:20 pm **LUNCH (on your own)**

Saturday Afternoon Session, March 24th – Allied Health Auditorium

1:20 – 1:50 pm **Poster Session**

1:50 – 2:10 pm **Proposal: Synoptic & Mesoscale Factors Favoring & Suppressing Convective Initiation along Dry Lines in Central Kansas**

Mike Roberts, University of Kansas

2:10 – 2:30 pm **Early Radar Observations from Marth 9th, 2011 Tornado-Producing Distinctive Bow Echo that Moved Along the U.S. Central Gulf Coast**

Jeff Medlin, National Weather Service, Mobile

2:30 – 2:50 pm **Analysis & Recent Observations of Wave Interactions in North Alabama**

Todd A. Murphy, University of Alabama in Huntsville

2:50 – 3:00 pm **BREAK**

3:00– 3:20 pm **"You Make the Call"**

John Gordon, National Weather Service, Louisville

3:20 – 3:40 pm **Two Statistically-rare Tornado Events: April 27th, 2011 & January 23rd, 2012**

Timothy A. Coleman, University of Alabama in Huntsville

3:40 – 3:50 pm **BREAK**

3:50 – 4:30pm **Cyclones & Climate Change**

Keynote Speaker: *Dr. Gary M. Lackmann, North Carolina State Univ.*