

Saturday, April 2nd

8:00 am – **Registration**
9:00 am

9:00 am Opening Remarks

9:05 am **Weather Briefing**
Crystal Worley



Southeast Severe Storms
SYMPOSIUM XIV
April 2 - 3, 2016 – Mississippi State University

Session 1

Session Chair: Zachary Holder

9:10 am **The History of Computer Worded Forecasts in the National Weather Service**
Thomas L. Salem Jr., National Weather Service, Memphis, Tennessee

9:40 am **An Assessment of Lightning Risk at College Football Stadiums**
Matthew Reagan, National Weather Service, Nashville, Tennessee

10:10 am – **Break**
10:20 am

Session 2

Session Chair: Caroline Ritter

10:20 am **Near-Storm Environmental Variation Impacts on the 1 March 2016 McCalla-Bessemer, Alabama Tornado**
Anthony W. Lyza, Department of Atmospheric Science, Severe Weather Institute-Radar and Lightning Laboratories, University of Alabama in Huntsville

10:50 am **Advancing your Career and Owning your Brand in a Digital Age**
James – Paul Dice, Chief Meteorologist WBRC – TV, Birmingham, Alabama

11:50 am – **Lunch: Little Dooney's**
12:50 pm

Session 3

Session Chair: Zachary Holder

12:50 pm **Does the National Weather Service Have a False Alarm Problem?**
Kevin Laws, National Weather Service, Birmingham, Alabama

1:20 pm **Tornado Damage Probabilities Based on WSR-88D Data**
Rich Thompson, Storm Prediction Center Lead Forecaster, Norman, Oklahoma

2:20 pm – **Break**
2:40 pm

Session 4

Session Chair: Alex Puckett

- 2:40 pm **The Intersection of Science, Communication, and Compassion**
James Spann, Chief Meteorologist, ABC 33/40, Birmingham, Alabama
- 3:40 pm **Sensitivity of Physical Parameterization Schemes to Stochastic Initial Conditions of WRF Tornado Outbreak Simulations**
Michelle Elmore, Mississippi State University, Starkville, Mississippi
- 4:10 pm – **Break**
4:20 pm
- 4:20 pm – **Panel Discussion**
4:50 pm Josh Johnson, Chief Meteorologist WSFA – TV, Montgomery, Alabama
Alan Gerard, National Severe Storm Laboratory, Norman, Oklahoma
Kevin Laws, National Weather Service, Birmingham, Alabama
James Spann, Chief Meteorologist ABC 33/40, Birmingham, Alabama
- 4:50 pm – **Closing Remarks**
4:55 pm
- 7:00 pm: ***Mixer at The Grill in Starkville, MS***



Sunday, April 3rd

- 8:00 am ***Registration***
- 9:00 am Opening Remarks
- 9:05 am **Weather Briefing**
Adam Sisco

Session 1

Session Chair: Scott Sincoff

- 9:10 am **Gender in Risk Communication: The Effect of Gendered Storm Names on Communicating Hurricane Risk.**
Vázquez, Lindsey P., M. A., University of South Alabama, Mobile, Alabama
- 9:40 am **Massive Pacific El Niño Dramatically Effects Global Tropical Cyclone Activity in 2015**
Keith G. Blackwell, Ph.D., University of South Alabama, Mobile, Alabama
- 10:10 am ***SPONSOR PRESENTATION***
Baron Critical Weather Intelligence
Heather Hope, Baron Critical Weather, Huntsville, Alabama
- 10:40 –
10:55 am **Break**

Session 2

Session Chair: Crystal Worley

- 10:55 am **Defining Surface Land Cover Features Using High Resolution Unmanned Aerial System Imagery**
Christopher Zar Zar, Mississippi State University, Starkville, Mississippi
- 11:25 am **Advances in Technology: Unmanned Cams and HURRB**
Mark Sudduth, Founder and Editor of HurricaneTrack.com, Wilmington, North Carolina
- 12:25 pm –
1:25 pm ***Lunch: Jimmy Johns Sandwiches***

Session 3

Session Chair: Zachary Holder

- 1:25 pm **Degenderizing the Weather Enterprise: Unique Challenges from the NWS Female Meteorologist Perspective**
Krissy Hurley, National Weather Service, Nashville, Tennessee
- 1:55 pm **VORTEX – Southeast; FACETs: A Proposed Change to the NWS Watch/Warning Paradigm; Forecaster Decision Making with Automated Probabilistic Guidance**
Alan Gerard, National Severe Storm Laboratory, Norman, Oklahoma
- 2:55 pm **Closing Remarks**
- 3:00 pm **The End of the Southeast Severe Storms Symposium**

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