

# 2014 SPoRT Partners Virtual Workshop Agenda

**Thursday, February 13<sup>th</sup> (10 am – 4 pm CST)**

## **Logistics**

- Phone number: 1-877-960-1786
- Passcode: 8170631#
- GoToMeeting Link: <https://www1.gotomeeting.com/register/599203136>
- Please provide Kris White ([kris.white@noaa.gov](mailto:kris.white@noaa.gov)) copy of your presentations by close of business Wednesday, February 12<sup>th</sup>.

## **10:00 – 10:20**

- Welcome, introduction, logistics, etc.
- Talks are ~15 minutes with ~5 minutes for questions (20 minutes total)
  - Warning given at 5, 3, and 1 minute out (10, 12, and 14 minutes)

## **Total Lightning Session**

### **10:20-10:40**

*Leveraging Total Lightning and Convective Initiation Data for Impact-Based Decision Support Services*

**Brian C. Carcione**, NWS Huntsville

### **10:40-11:00**

*Use of Total Lightning Data at Chattanooga, Tennessee Emergency Management For Public Safety and Decision Making*

**David Hotz** and Anthony Cavallucci, NWS Knoxville/Tri-Cities

Geoffrey Stano, ENSCO/SPoRT

Tony Reavley, Director of Emergency Services & Homeland Security

Hamilton County Government, Chattanooga, Tennessee

### **11:00-11:10**

*SPoRT Total Lightning Activities/Update*

**Dr. Geoffrey Stano** – SPoRT/ENSCO

### **11:10-11:30**

*Analysis of GOES-R Pseudo GLM (pGLM) Case Studies for Use in the AWC Operational Setting*

**E.A. Holicky**, Aviation Weather Center

M. R. Anderson, University of Nebraska, Lincoln, NE,

G.T. Stano, NASA SPoRT / ENSCO, Inc.

A. Terborg, Aviation Weather Center

**11:30-11:50**

*Colorado Lightning Mapping Array Depicts a Lightning Jump Prior to a Non-Supercell Tornado 5 Miles West of Cheyenne*

**Rob Cox**, NWS Cheyenne

**Break**

**11:50-1:00**

**LIS / Modeling Session**

**1:00-1:20**

*Utilizing the SPoRT MET Scripts to Assess the WRF EMS for a Southeast Texas Heavy Rainfall Event*

Patrick Blood and **Lance Wood**, NWS Houston/GalvestonSate

**1:20-1:40**

*Update on LIS activities – LIS in AWIPS II, Training Development, and Operational Utility at NWS Huntsville*

**Kris White**, NWS Huntsville

Jon Case, SPoRT/ENSCO

**Satellite Session**

**1:40-1:50**

*Status Update on SPoRT Product Implementation in AWIPS II*

**Matt Smith** – SPoRT/UAH

**1:50-2:10**

*Validation of a Modified Fog Algorithm at WFO Miami Using NASA SPoRT Satellite Imagery and Surface Observations*

Alannah Irwin Florida International University, Miami FL

**Jeral Estupiñán** NWS Miami

**2:10-2:30**

*Using MODIS/VIIRS Night-Time Microphysics RGB Imagery with Proximity Soundings to Diagnose Low-Topped Precipitation Events*

**Paul Nutter**, NWS Great Falls

**2:30-2:50**

*Utility of SPoRT VIIRS Imagery to Detect Small-Scale Blowing Dust*

**Ken Drozd** and John Brost, NWS Tucson

**2:50-3:10**

*The Evolution of Air Quality Products and Services at NWS Albuquerque*

Deirdre Kann, **Brian Guyer**, and Clay Anderson, NWS Albuquerque

**Closed Discussion Session for SPoRT Partners**

**3:10-4:00**

Call-in information will be passed along separately