Welcome

9:00 am Gary Jedlovec
Introduction to the 2011 Virtual Workshop (SPoRT)

9:10 am David Radell
Introduction remarks from Eastern Region Headquarters

9:20 am Rusty Billingsly
Introduction remarks from Southern Region Headquarters

Session 1: Modeling Activities

9:30 am Jonathan Case
NASA SPoRT initialization datasets for local model runs in the Environmental Modeling System (SPoRT)

9:50 am Peter Blottman
Forecasting Convection over east Central Florida using near storm scale numerical models within a frequent cycling strategy (WFO Melbourne, Florida)

Break 10:10 – 10:30 am

10:30 am Jeral Estupiñán
Verification of the WFO Miami local forecast model: Summer 2011 (WFO Miami, Florida)

10:50 am Lance Wood
Using high-resolution sea surface temperature data and a NASA Land Information System to initialize a local weather forecast model at NWS Houston/Galveston (WFO Houston, Texas)

11:10 am Justin Arnott
Optimizing lake surface temperatures and ice coverage for high resolution lake effect snow forecasts (WFO Gaylord, Michigan)

Lunch 11:30 am – 12:30 pm

Session 2: Application and Development of SPoRT Products

12:30 pm Brian Carcione
New Operational Applications for the NASA Land Information System (WFO Huntsville, Alabama)
12:50 pm Matt Smith
Preparing NASA SPoRT data sets for the next generation of AWIPS (SPoRT)

1:10 pm Andrew Molthan
Developing and evaluating RGG composite MODIS imagery for applications in National Weather Service Forecast offices (SPoRT)

1:30 pm Deirdre Kann
Improving short-term predictions and the identification of hazardous weather using NASA/SPoRT transitioned satellite products (WFO Albuquerque, New Mexico)

1:50 pm Douglas Schneider
Use of NASA Short-term Prediction Research and Transition Center products at the NWS Knoxville/Tri-Cities Weather Forecast Office (WFO Morristown, Tennessee)

Break 2:10 – 2:30 pm

Session 3: Convection and Severe Weather

2:30 pm Jessica Talley
Severe weather summary for Central Alabama on April 27, 2011 (WFO Birmingham, Alabama)

2:50 pm Brian Carcione
Use of NASA satellite data in tornado damage path assessment (SPoRT)

3:10 pm Brad Zavodsky
Investigating the impact of AIRS thermodynamic profiles on convective forecasts for the April 25-27, 2011 severe weather events in the Southeastern United States (SPoRT)

3:30 pm Brian Guyer
Improved forecasts of convective initiation associated with the North American monsoon (WFO Albuquerque, New Mexico)

3:50 pm Scott Unger
Results from a study of summer convection over central Alabama (WFO Birmingham, Alabama)