

NASA SPoRT Partners Virtual Workshop Preliminary Agenda

Wednesday, August 31, 2011

Webinar Registration: <https://www1.gotomeeting.com/register/415417385>
Website location and passcode will be e-mailed after you register

Webinar Phone Number: 1-877-960-1786
Passcode: 8170631#

All times listed are for Central Time

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*)