

NOAA/NESDIS Cooperative Research Program (CoRP)
9th Annual Science Symposium
“Toward a Weather-Ready Nation and Resilient Coastal Communities”
Hosted by the Cooperative Institute for Meteorological Satellite Studies
Pyle Center, Room 235
23-24 July 2013

Tuesday, 23 July 2013

- 8:30 a.m. *Registration*
- 9:00 a.m. Welcome
- 9:15 a.m. Dr. Christian Kummerow: *From Radiative Transfer to NASA Missions and NOAA Cooperative Institutes*
- 10:00 a.m. Patrick Meyers: *Envisioning Future Imagery: Activities at CICS-MD*
- 10:20 a.m. Amir Ibrahim: *Polarimetric remote sensing for the retrieval of optical properties of the ocean*
- 10:40 a.m. Jan Musial: *Probabilistic approach to cloud and snow detection on AVHRR imagery*
- 11:00 a.m. Patrick Meyers: *Updating GPROF2010 for AMSR2/AMSRE*
- 11:20 a.m. *Lunch on own*
- 1:20 p.m. Panel: *From Degree to Career*
- 2:10 p.m. Tim Schmit: *Government Careers*
- 2:30 p.m. Denny VanCleve: *Weather Ready Nation, What Is It and How Do We Get There?*
- 2:50 p.m. *Break*
- 3:15 p.m. Estation Gutierrez: *Simulations of a Heat Wave Event on New York City using a WRF Multilayer Urban Parameterization*
- 3:35 p.m. Nathan Hosannah: *Effects of Aerosols on Microphysics and Warm-Season Precipitation in an Urban Environment*
- 3:55 p.m. Jordan Gerth: *Sky Cover: Shining Light on a Gloomy Problem*
- 4:15 p.m. Dugwon Seo: *Assimilation and Incorporation of SMOS Soil Moisture Data to the National Weather Service's Research Distributed Hydrologic Model (HL-RDHM) for Gridded Flash Flood Guidance in Arkansas-Red River basin*
- 4:35 p.m. Curtis Seaman: *RGB Applications of VIIRS Imagery in Support of a Weather-Ready Nation*
- 5:00 p.m. *Poster Reception (Cash Bar) (Posters will be up the entire conference)*

Wednesday, 24 July 2013

- 9:00 a.m. Welcome
- 9:10 a.m. Soe Hlaing: *Validation of VIIRS Ocean Color primary products in coastal regions*
- 9:40 a.m. Natalie Perlin: *Use of Satellite Observations to Measure Air-Sea Coupling and to Validate its Estimates from Numerical Atmospheric Models*
- 10:00 a.m. Lide Jiang: *Ocean Diurnal Variations in China's East Coast Region Measured by the Korean Geostationary Ocean Color Imager (GOCI)*
- 10:20 a.m. *Break*
- 10:45 a.m. Panel: *Do's and Don'ts of Applying for Jobs*
- 11:45 a.m. *Luncheon Speaker – Dr. Tracey Holloway: Networking for Scientific Careers*
- 1:00 p.m. Luis Ortiz: *Sensitivity Study of WRF Downscaled Precipitation and Temperature Data for the Northeast Corridor*
- 1:20 p.m. Dustin Shea: *Demonstrating a Lightning Density Product at the Ocean Prediction Center*
- 1:40 p.m. Pei Wang: *Improve Hurricane Sandy forecasts with hyperspectral infrared sounder data*
- 2:00 p.m. Christopher Slocum: *Satellite Applications to Hurricane Intensity Forecasting*
- 2:20 p.m. Public Outreach Discussion
- 3:00 p.m. *Wrap up*
- 3:30 p.m. Tour of CIMSS/SSEC
- 7:00 p.m. Concert on the Square (on your own)