

**NOAA/NESDIS Cooperative Research Program (CoRP)
Third Annual Science Symposium**

Agenda as of 9 August 2006

**NPOESS, GOES-R and Beyond:
New Observations and Applications to Benefit Society**

15-16 August 2006
Hilton Hotel Conference Center
Arizona State Meeting Room
Fort Collins, CO

Tuesday, 15 August 2006

0900-0910 Welcome, Logistics, Agenda Mark DeMaria NESDIS/StAR

Session 1: Introduction and Overview, Hilton Conference Center, Chair, Mark DeMaria

0910-0930 CoRP Research Ingrid Guch, NESDIS/StAR

0930-1000 NPOESS Overview Carl Hoffman, IPO

1000-1030 GOES-R Overview Tim Schmit, NESDIS/StAR

1030-1100 Coffee Break

1100-1120 VIIRS cloud products Andrew Heidinger, NESDIS/StAR

1120-1140 ERB observations Hai-Tien Lee, CICS/UM

1140-1200 CloudSat Mission Don Reinke, CIRA/CSU

1200-1315 Lunch (buffet at Hilton Hotel in the Oregon State room)

1330 Transfer to foothills campus/CIRA/Atmospheric Science (vans available)

Session 2: Poster Session, ATS Room 101 and CIRA building, Chair: Ken Eis

1400-1430 Welcome, CIRA overview Ken Eis, CIRA/CSU

1430-1500 Poster Introductions (1-min/1-slide)

1500-1700 Poster viewing (CIRA building, with refreshments)

1700 Return to Hilton Hotel (vans)

Wednesday, 16 August 2006

0855 Introduction/Logistics Mark DeMaria NESDIS/StAR

Session 3: NPOESS and GOES Applications – Chair: Debra Molenaar

0900-0920 ABI product development Don Hillger, NESDIS/StAR
0920-0940 Aerosol Applications Ana Prados, UMBC
0940-1000 Severe Weather Applications Dan Lindsey, NESDIS/StAR
1000-1020 Tropical Cyclone Applications Ray Zehr, NESDIS/StAR
1020-1040 Single FOV soundings Zhenglong Li, CIMSS/UW

1040-1100 Break (coffee, tea)

Session 4: Numerical Modeling Studies, Chair: Dan Lindsey

1100-1120 Kalman Filter methods Dusanka Zupanski, CIRA/CSU
1120-1140 AMSR-E in the NCEP global model Masahiro Kazumori, NCEP/EMC
1140-1200 RAMS model synthetic satellite data Louie Grasso, CIRA/CSU

1200-1330 Lunch (buffet at Hilton Hotel in the Oregon State room)

Session 5: Proxy Data Studies and Training, Chair: Don Hillger

1330-1350 Radiative transfer modeling Manajit Sengupta, CIRA/CSU
1350-1410 Global unmanned aircraft obs. Nikki Prive, CIRA/CSU
1410-1440 SST and small scale wind stress Larry O'Neill, COAS/OSU
1440-1500 Training overview Bernadette Connell, CIRA/CSU

1500 Conference wrap-up Mark DeMaria, NESDIS/StAR

Poster Presentations

No.	Title	Presenter
1	Validation of Hydro-Estimator algorithm for Puerto Rico region	Canals, Jorge CREST
2	Circulation modeling and data assimilation along the Oregon coast	Choi, Byoung-Ju CIOSS
3	A numerical study of the South Atlantic variability, plus a 2nd poster	Fetter, Antonio COAS
4	Synthetic GOES-R and NPOESS imagery	Grasso, Louie CIRA
5	Using AVHRR satellite data to discern decadal trends in Wisconsin	Harrington, Alex CIMSS
6	Using multi-spectral based information for precipitation estimation	Hernandez, Cecilia CREST
7	Scales of variability in coastal oceans: lessons from EO-1	Kavanaugh, Maria COAS
8	Moisture determination of soil with grass cover using dual-wavelength L-band radar	Lugo, Eric CREST
9	Nowcasting in NYC area	Mhando, Bernard CREST
10	Infrared sensor physical radiance bias correction	Mittaz, Jonathan CICS
11	Climate changes interaction with tropical storm (hurricane)	Nazari, Rouzbeh CREST
12	No title given	Reyes, Patrick CREST
13	Estimation of air temperature using MODIS and <i>in-situ</i> observations	Rios, Carlos CREST
14	Intercomparing and evaluation high-resolution precipitation products	Sapiano, Mathew CICS
15	High-speed satellite data distribution using CRMS (Compression Relay Management Systems)	Schranz, Sher & Jebb Stewart, CIRA
16	Improving short-term severe weather forecasting using hyperspectral IR data on GOES-R	Sieglaff, Justin CIMSS
17	No title given	Spells, Christopher CREST
18	Advanced precipitation over land in support of NOAA mission	Wang, Nai-Yu CICS
19	LIDAR Research and Development at UPRM	Rosario, Vazjier CREST
20	Hurricane educational applet	Yesalusky, Melissa, CREST