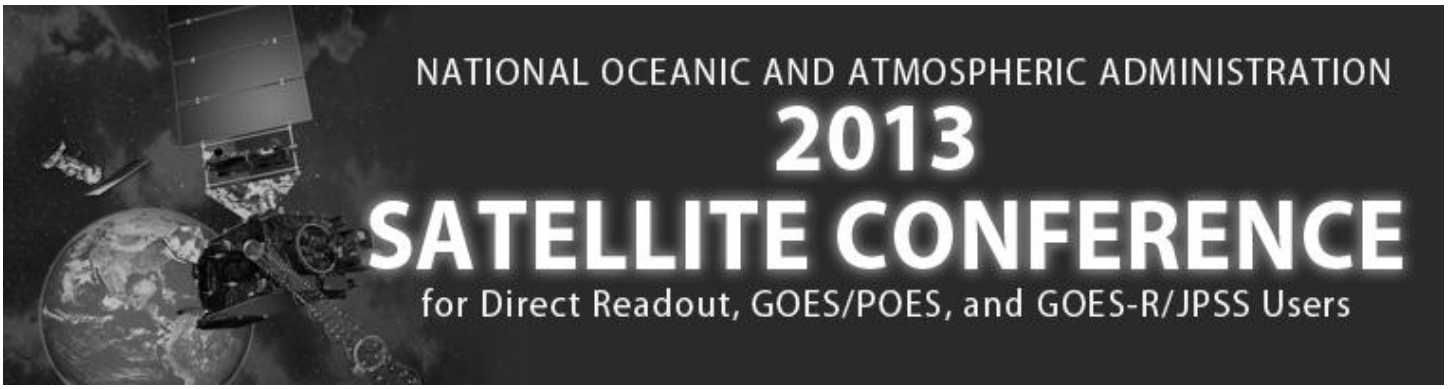

Poster #	Title	Author(s)	Affiliation(s)
T-1	GOES-R Program Calibration and Validation (Cal/Val)	Robert A. Iacovazzi, Jr. (1), Edward C. Grigsby (2), Changyong Cao (3), Jaime Daniels (3), Kathleen McIntyre (2), Joe Zajic (1)	NOAA/NESDIS/GOES-R (1), NASAGSFC (2), NOAA/NESDIS/STAR (3)
T-2	A Near Real-Time Assimilation and Forecasting System for Tropical Cyclone Application of NPP/JPSS Sounding Measurements	Jun Li(1), Tim Schmit(2), Mitch Goldberg(3), Jinlong Li(1), Pei Wang(1), and John L. Beven(4)	CIMSS/UW-Madison (1), ASPB/NOAA/NESDIS/STAR (2), JPSS/NOAA/NESDIS (3), NHC/NOAA/NWS (4)
T-3	Study of textural variation of Ocean features of satellite SAR image using ANN technique	T. Karthikeya Sharma, Y. N. Mamatha	R. V. Vidyanikethan Post
T-4	Global Navigation Satellite System (GNSS) Radio Occultation (RO) Mission and Ground System Planning	Daniel M. Mamula, Peter Wilczynski, Mike Wenkel	NOAA/NESDIS/OSD
T-5	The Future of the Argos Data Collection and Location System	Scott Rogerson	NOAA/NESDIS/OSPO/SPSD/DSB
T-6	Large Wildfire Growth in the United States Influenced by Dry Slots: A Case For More Consistent and Accurate Wildland Fire Nowcasting and Forecasting Utilizing Satellite Water Vapor Imagery	Fred J. Schoeffler	U.S. Forest Service
T-7	GOES Imager IR Channel to Channel Co-Registration Correction Algorithm in the GOES Ground System	Zhenping Li(1), Michael Grotenhuis(2), Timothy J. Schmit(3), Xiangqian Wu(2), Tony Schreiner(4) , J.P. Nelson(4), Fangfang Yu(2), Hyre Bysal(5)	(1) SGT Inc, (2) ERT Inc/NOAA/NESDIS/STAR, (3) ASPD/NOAA/NESDIS/ STAR, (4) CIMSS/SSEC/ UW-Madison, (5) NOAA/NESDIS/OSPO
T-8	Incremental Regression SST Algorithm for NPP VIIRS within the ACSPO	Boris Petrenko (1), Alex Ignatov (2), Yury Kihai (1), John Stroup (3), XingMing Liang (2)	GST, Inc. (1), NOAA/NESDIS/STAR/ OSB (2), STG (3), CIRA (4)
T-9	A Rapid Cloud Mask Algorithm for Suomi NPP VIIRS Imagery EDRs	Mark Piper	Exelis Visual Information Solutions
T-10	Preparing for JPSS-1/ATMS Direct Readout Readiness	Nikisa S. George (1), Kent Anderson (1)	Northrop Grumman Electronic Systems
T-11	Societal Impacts of Space Weather	William Denig (1), Steven Hill (2)	(1) NOAA/NESDIS/NGDC, (2) NOAA/NWS/SWPC

T-12	Preparing the Direct Broadcast Community for GOES-R	Karen Friedman Dubey (1), Eric Baptiste (1), Kota Prasad (1), Hae-Yong Shin (1)	SeaSpace Corporation (1)
T-13	Cloud-Top Pressure Estimation from VIIRS using Statistically Reconstructed 13.3 micron channel	Irina Gladkova (1), James Cross (2), Andrew Heidinger (3), Paul Menzel (4), Michael Grossberg (1)	CREST (1), The Graduate Center, CUNY (2), NOAA/NESDIS/ OSAR (3), CIMSS (4)
T-14	The Development of Polar Orbiting Satellite Processing Packages in Support of International Direct Broadcast Community	Allen Huang (1), Liam Gumley (1), Kathy Strabala (1), Mitch Goldberg (2)	CIMSS/SSEC (1), NOAA Suomi NPP/JPSS Program (2)
T-15	Migrating from Metop-A/IASI to Metop-B/IASI as GSICS inter-calibration reference for Geostationary IR Imagers	Tim J. Hewison	EUMETSAT
T-16	The ingredients for sustaining success in NOAA R2O for GOES-R	Jordan Gerth	CIMSS/SSEC/Univ. of Wisconsin
T-17	VIIRS Imagery in NinJo	Katja Hungershoefer (1), David Hoese (2), William Straka III (2), Ray K. Garcia (2), Eva Schiffer (2), Kathleen Strabala (2)	Deutscher Wetterdienst (DWD), Central Development Division (1), CIMSS/SSEC (2)
T-18	The Utilization of Data from Suomi NPP at the Met Office (UK)	Simon J. Keogh, Nigel C. Atkinson, William Bell, Ian D. Brown, Brett Candy, Andy Doherty, John Eyre, Bridget George, Paul Odams, Roger Saunders, Andrew Smith	UK Met Office
T-19	Developing Climate Data Records from AMSU-B and MHS Channels	Isaac Moradi (1), Huan Meng (2), Ralph Ferraro (2)	(1) ESSIC, University of Maryland (2) NOAA
T-20	Chemical data assimilation with CMAQ and MODIS aerosol optical depth observations	Tianfeng Chai (1,2), Hyun-Cheol Kim (1,2), Pius Lee (1), Li Pan (1,2)	NOAA Air Resource Laboratory (1), Cooperative Institute for Climate and Satellites, University of Maryland (2)
T-21	Estimating Sea Surface Salinity in the Chesapeake Bay From Ocean Color Radiometry Measurements	Christopher W. Brown (1), Ronald L. Vogel (2)	NESDIS/STAR/CoRP/ SCSB (1), NESDIS/STAR/ SOCD/SMRC (2)
T-22	Sensor Calibration Inter-comparison Using the Sonoran Desert	A. Angal (1), X. Xiong (2), A. Wu (3), G. Chander (4), and T. Choic (3)	(1) SSAI, Lanham, (2) NASA GSFC, (3) Sigma Space Co., (4) USGS EROS, Sioux Falls, SD
T-23	Inter-Calibration of AMSU-A Window Channels	Wenze Yang (1) and Huan Meng (2), and Ralph Ferraro (2)	(1) ESSIC/Cooperative Institute for Climate and Satellites (CICS-MD) (2) NOAA/NESDIS
T-24	Snowfall Rate Retrieval Using Passive Microwave Measurements	Huan Meng (1), Banghua Yan (2), Ralph Ferraro (1), Cezar Kongoli (3), Limin Zhao (2)	NESDIS/STAR (1), NESDIS/OSPO (2), UMCP/ESSIC (3)
T-25	Suomi NPP (SNPP) Visible Infrared Imager Radiometer Suite (VIIRS) Active Fire Data for Fire Management and Fire Weather Applications	Evan Ellicott (1), Ivan Csiszar (2), Wilfrid Schroeder (1), Peter Roohr (3), Brad Quayle (4), Louis Giglio (1), Chris Justice (1)	1. Department of Geographical Sciences, University of Maryland(1), NOAA/NESDIS (2), National Weather Service (3), USDA Forest Service Remote Sensing Applications Center (4)

T-26	On-orbit characterization of the GOES Imager channel-to-channel co-registration and correction algorithm evaluation	Michael G. Grotenhuis (1), Xiangqian Wu (2), Zhenping Li (3), Timothy J. Schmit (4), Fangfang Yu (1), Scott Lindstrom (5), and Changyong Cao (2)	ERT, Inc. @ NOAA/NESDIS/STAR (1), NOAA/NESDIS/STAR (2), SGT, Inc. (3), NOAA/NESDIS/ASPB (4), UW–Madison/SSEC (5)
T-27	NOAA Operational Satellite SST for Monitoring Coral Bleaching Thermal Stress: Coral Reef Watch's Satellite Decision Support System for Coral Reef Managers	Gang Liu (1,3), C. Mark. Eakin (1), Jacqueline L. Rauenzahn (1,3) Jianke Li (1,3), Scott F. Heron (2,3), William J. Skirving (2,3), Alan E. Strong (1,3)	(1) NOAA/NESDIS/STAR Coral Reef Watch (1), NOAA/NESDIS/STAR Coral Reef Watch-ReefSense (2), Global Science and Technology (3)
T-28	Overview of the GOES-R Proving Ground Activities at the National Hurricane Center	Christopher Velden (1), Mark DeMaria (2), John Knaff (2), Mike Brennan (3), Jack Beven (3), Hugh Cobb (3), Jessica Schauer (3), Kevin Fuell (4), Jason Dunion (5), Michael Folmer (6)	(1) CIMSS (2) NOAA/NESDIS/RAMMB (3) NHC (4) NASA SPoRT (5) CIMAS (6) CICS
T-29	Enhanced data access and retrieval for analysis and validation of ABI and VIIRS land data and products	Kevin Gallo (1), Calli Jenkerson (2), Greg Stensaas (3), Gyanesh Chander (2), John Dwyer (3)	NOAA/NESDIS visiting scientist at USGS EROS Center (1), TSSC, USGS EROS Center (2), USGS EROS Center (3)
T-30	Assimilation of water vapor sensitive infrared brightness temperatures during a cool season high impact weather event	Jason Otkin	UW-Madison/CIMSS
T-31	Overview of the NOAA GCOM AMSR2 Algorithm Software Processor (GAASP)	Letitia Soulliard(1), Thomas King(1), Elizabeth McMichael(1), Zorana Jelenak(2), Walter Wolf(3), Paul Chang(3), and Ralph Ferraro(3)	(1) 1. I.M. Systems Group, Inc. (2) 2. UCAR (3) NOAA/NESDIS/STAR
T-32	Recent NWS/Eastern Region Participation in the GOES-R Proving Ground and Operational Use of New Satellite Data	David B. Radell (1) and Frank A. Alsheimer (2)	(1) NOAA/SSD Eastern Region Headquarters, (2) NOAA/NWS WFO Charleston, SC
T-33	NOAA Ocean Color Operational Product System	B. Yan, I. Simpson, E. Rodriguez, E. Ladd, D. Zbesheski, D. Vanpelt, H. Gu, P. Keegstra, S. Ramachandran, M. Soracco, and K. Hughes	NOAA/OSPO/SPB
T-34	The GRB Simulator: A Testing System for GOES Rebroadcast (GRB) Receivers	Kevin Gibbons (1), R. Race (2), C. Miller (1), K. Barnes (1), and G. Dittberner (3)	Harris Corporation, Melbourne (1) CTSI, NASA/GSFC (2) Harris Corporation, Greenbelt (3)
T-35	Algorithm Development Library for Environmental Satellite Missions	Kerry D Grant(1), Shawn W Miller(1), Michael Jamilkowski(1)	(1) Raytheon Intelligence and Information Systems
T-36	Suomi National Polar-orbiting Partnership (NPP) Environmental Products	Kerry D Grant (1), Shawn W Miller (1), Michael Jamilkowski (1)	(1) Raytheon Intelligence and Information Systems
T-36	Suomi National Polar-orbiting Partnership (Suomi NPP) Ground System Performance	Kerry Grant (1), Craig Bergeron (1)	(1) Raytheon Intelligence and Information Systems
T-37	Monitoring of Sugarcane Fields in Brazilian Southeast Region using AVHRR/NOAA Multitemporal Images	Jurandir Zullo Junior (1), Luciana Alvim Santos Romani (2), Renata Ribeiro do Valle Gonçalves (1)	(1) University of Campinas-Campinas – São Paulo – Brasil, (2) Embrapa– Brazilian Company for Agricultural Research

T-38	AMSU-A Atmospheric Temperature TCDRs	Wenhui Wang (1) and Cheng-Zhi Zou (2)	(1) M. Systems Group (2) Center for Satellite Applications and Research, NESDIS/NOAA
T-39	Forecasting Hurricane Intensity and Severe Convective Storms Satellite Sounding Pairs	William Smith Sr. (1,2), Elisabeth Weisz (2), Nadia Smith (2), Henry Revercomb (3), Allen Larar(3)	(1) UW-Madison (2) Hampton University (3) NASA/LaRC
T-40	Integrating JPSS Algorithms with Efficiency and Ease: STAR Algorithm Integration Team (AIT)	Bigyani Das (1), Walter Wolf (2), Valerie Mikles (1),Youhua Tang (1), Marina Tsidulko (1), Shanna Sampson (1), Kristina Sprietzer (1), Yunhui Zhao (1), Weizhong Chen (1)	IMSG & NOAA/NESDIS/STAR (1) NOAA/NESDIS/STAR, (2)
T-41	Application of NOAA Coral Reef Watch's Near-Real-Time Satellite Decision Support System to Local Coral Reef Management	Jacqueline L. Rauenzahn (1,3), C. Mark. Eakin (1), Gang Liu (1,3), Jianke Li (1,3), Scott F. Heron (2,3), William J. Skirving (2,3), Alan E. Strong (1,3)	NOAA/NESDIS/STAR Coral Reef Watch (1) NOAA/NESDIS/STAR Coral Reef Watch-ReefSense, (2), Global Science and Technology (3)
T-42	What can satellite data tell about times with no satellites?	Thomas M Smith (1,2), Phillip A Arkin (2), Li Ren (2), Sam Shen(3)	(1) NOAA/STAR/SCSB (2) CICS/ESSIC/University of Maryland (3) San Diego State University
T-43	End-to-End Design, Development and Testing of GOES-R Level 1 and 2 Algorithms	Alex Werbos, Eric Steinfelt, Paul Van Rompey, Scott Zaccheo	Atmospheric and Environmental Research, Inc.
T-44	Design and Development of the GOES-R Inspect and Analyze Client Visualization Application	Jordan Bentley, Ryan Feather, Barry O'Reilly, Michael Sze and T. Scott Zaccheo	Atmospheric and Environmental Research, Inc.
T-45	Analysis of GOES Imager Infrared Radiometric Calibration Accuracy toward Long-term Climate Data Record	Fangfang Yu (1), Xiangqian Wu (2), Scott Lindstrom(3), Mat Gunshor (3), and Mitch Goldberg (2)	ERT, Inc (1), NOAA/NESDIS (2), University of Wisconsin (3)
T-46	VIIRS in AWIPS: Supporting Operational Forecasters	Kathleen Strabala(1), Scott Bachmeier(1), Dayne Broderson(2), Ray Garcia(1), Jordan Gerth(1), Liam Gumley(1), Tom Heinrichs(2), David Hoese(1), Allen Huang(1), Scott Macfarlane(2), Eva Schiffer(1)	(1) UW-Madison, SSEC/CIMSS (2) University of Alaska Fairbanks, Geographic Information Network of Alaska (GINA)
T-47	Investigating the use of Deep Convective Clouds (DCCT) to monitor on-orbit performance of the Geostationary Lightning Mapper (GLM) using Lightning Imaging Sensor (LIS) measurements	D.E. Buechler (1) , H.J. Christian (1), W.J. Koshak (2), and S.J. Goodman (3)	University of Alabama Huntsville, (1) NASA Marshall Space Flight Center (2) NOAA/NESDIS/GOES-R Program Office (3)
T-48	Assessment of the Suomi NPP VIIRS Land Surface Temperature Product-Beta to Provisional Maturity	Yuling Liu (1), Yunyue Yu (2), Zhuo Wang (3), Dan Tarpley (4)	(1) CICS of University of Maryland (2) STAR/NESDIS, NOAA (3) IMSG Inc (4) Short & Associates, Camp Spring
T-49	Application of satellite data for monitoring and prediction of weather systems in Indian region.	Suman Goyal	India Meteorological Department

T-50	Inter-calibration of the SEVIRI VIS0.6 channel with MODIS Aqua, using Deep Convective Clouds as transfer targets	Sébastien C. Wagner (1), Tim Hewison (1)	(1) EUMETSAT
T-51	IR Multichannels and Lightning a contribution to GOES-R and Nowcasting - The CHUVA Project	Luiz A. T. Machado, Rachel Albrech, Wagner F. A. Lima, Renato G. Negri and Enrique Matos	Center for Weather Forecast and Climate Studies-CPTEC, National Institute for Space Research-INPE
T-52	On the Provisional S-NPP Ozone Mapping and Profiler Suite Performance	C. Pan (1), X. Wu (2), L. Flynn (2) and F. Weng (2)	(1) ESSIC, (2) NOAA STAR
T-53	Joint Polar Satellite System (JPSS) Common Ground System (CGS) Multi-Mission Support	Michael Jamilkowski (1), Shawn W. Miller (2), Kerry Grant (2)	Raytheon Intelligence and Information Systems, Greenbelt MD (1) Raytheon Intelligence and Information Systems, Aurora CO (2)
T-54	Near-Real-Time validation of simulated GOES-R ABI radiances and derived products, using the WRF-Chem model forecast over CONUS for all 16 ABI bands.	Marek Rogal (1), Kaba Bah (1), Tom Greenwald (1), Brad Pierce (2), Allen Lenzen (1), Jim Nelson (1), Jason Otkin (1), Todd Schaack (1), Jim Davies (1), Eva Borbas (1), Justin Sieglaff (1) and Hung-Lung Huang (1)	(1) NOAA/NESDIS/ASPB (2) CIMSS/SSEC/UW-Madison
T-55	Sensitivity of CRTM coefficients towards quantitative cross-platform consistency analysis in MICROS	XingMing Liang (1), Yong Chen (1), Tiejun Chang (2), Alexander Ignatov (3)	NOAA/NESDIS & CSU/CIRA (1) NOAA/NESDIS & ERT Inc. (2) NOAA/NESDIS (3)
T-56	Near-real-time VIIRS Aerosol Imagery over CONUS for Air Quality Monitoring and Forecasting Applications	Hai Zhang(1), Shobha Kondragunta(2), Hongqing Liu(1), Pubu Ciren(1)	IMSG (1), STAR/NOAA (2)
T-57	GRAFIIR and JAFIIR – Efficient End-to-End Semi-Automated Algorithm Performance Analysis and Implementation Verification Systems	Mathew Gunshor, Hong Zhang, Eva Schiffer, Ray Garcia, and Allen Huang	CIMSS/SSEC/UW-Madison
T-58	VIIRS Imagery: Applications and Outreach at CIRA	Curtis Seaman (1), Don Hillger (2), Steve Miller (1)	CSU/CIRA (1), NOAA/NESDIS/STAR (2)
T-59	Suomi NPP VIIRS Imagery after 1 Year	Don Hillger (1), Tom Kopp (2), Steven Miller (3), Daniel Lindsey (1), Curtis Seaman (3)	(1) NOAA/NESDIS/STAR (2) The Aerospace Corporation (3) CIRA, Colorado State University
T-60	Ozone Instrument Calibration and EDR Products Validation with STAR ICVS	Wei Yu (3), Larry Flynn (1), Jianguo Niu (2), Eric Beach (3), X. Wu (1), Zhihua Zhang (3), Yan Hao (3), Chunhui Pan (4)	(1) NOAA/NESDIS/STAR, (2) ERT Inc. for NOAA, (3) IMSG Inc. for NOAA , (4) ESSIC, University of Maryland
T-61	Suomi National Polar-Orbiting Partnership: Ozone Mapping and Profiler Suite Product Calibration, Validation and Performance	L. Flynn (1), C. Seftor (2), W. Yu (3), D. Rault ()2, I. Petropavlovskikh (4), G. Jaross (5), J. Niu (3), Z. Zhang (6), C. Long (1), Y. Hao (6), C Pan (7), E. Beach (6), X. Wu (1)	(1) NOAA NCWCP (2) SSAI (3) ERT (4) NOAA ESRL/CIRES (5) NASA GSFC (6) IMSG (7) CICSUMD
T-62	A Combined Calibration Method for GOES Imager Visible Channel	Fangfang Yu (1) and Xiangqian Wu (2)	(1) ERT, Inc, (2) NOAA/NESDIS

T-63	Ground-Based Radiation Budget and Aerosol Validation of GOES-R Products Using a NOAA Mobile SURFRAD Station	K. Lantz(1,2), J. Michalsky(1), G. Hodges(1,2), J. Wendell(1), E. Hall(1,2), D. Longnecker(1,2), J. Augustine(1)	(1) NOAA (2) Cooperative Institute for Research in Environmental Sciences, University of Colorado
T-64	The Community Satellite Processing Package (CSPP) for real-time processing of data received by direct broadcast from Suomi NPP, POES, Metop, and FY-3.	Liam Gumley, Allen Huang, Kathleen Strabala, Scott Mindock, Ray Garcia, Geoff Cureton, Graeme Martin, Nadia Smith, and Elisabeth Weisz.	CIMSS/SSEC/UW-Madison
T-65	Near-Real-Time Proxy ABI Products for GOES-R User Readiness	Tom Greenwald(1), Brad Pierce(2), Todd Schaack(1), Jason Otkin(1), Kaba Bah(1), Jim Davies(1), Justin Sieglaff(1), Allen Lenzen(1), Jim Nelson(1), Marek Rogal (1), Allen Huang(1)	CIMSS/UW-Madison(1), NOAA/NESDIS(2)
T-66	VIIRS NPP Ocean Color Products at NOAA CoastWatch - A First Look	Kent Hughes(1), Heng Gu(1,2), Phillip Keegstra(1,3), Yong Sung Kim(1,2), Sathyadev Ramachandran(1,3), Michael Soracco(1,2), Ronald Vogel(1,2)	NOAA/NESDIS/STAR/SOCD (1) SMRC (2) SP Systems (3)
T-67	Thinking inside the grid: from multi-instrument satellite data to uniform space-time information	Nadia Smith, Paul Menzel, Elisabeth Weisz, Bryan Baum	CIMSS
T-68	NOAA's Transition to Operations of S-NPP and Multi-satellite Blended Satellite Products	Kevin Berberich (1), Tom Schott (1), Stacy Bunin (2)	(1) NESDIS, (2) Noblis
T-69	Towards improved ACSPO SST imagery	Marouan Bouali (1),(2) Alexander Ignatov (1)	NOAA/NESDIS/STAR (1) CIRA (2)
T-70	A processing and validation system to collocate GOES-R and JPSS products to support combined GEO/LEO product development and validation activities using advanced physical collocation techniques.	Robert Holz, Greg Quinn, Ralph Kuehn, Fred Nagle (1) Walter Wolf, Haibing Sun (2)	(1) SSEC (2) NOAA
T-71	Application of DCC targets with GOME-2 observation for vicarious calibration of visible channels of NOAA GOES instruments	Haifeng Qian(1), Xiangqian Wu(2), Fangfang Yu(3) and Trevor Beck(2)	1: I.M. Systems Group, Inc. 2: NOAA/NESDIS/STAR 3: ERT, Inc.
T-72	Satellite Training Activities: What's new and what's being recycled? VISIT, SHyMet and WMO VLab	Bernadette Connell (1), D. Bikos (1), E. Szoke (1), S. Bachmeier (2), S. Lindstrom (2), A. Mostek (3), M. Davison (4), K. Caesar (5), V. Castro (6), L. Veeck (1)	CIRA (1), CIMSS (2) NOAA/NWS Training Division (3) NOAA/NWS/NCEP (4), CIMH (5) UCR (6)
T-73	Sending Training Videos Through GEONETCast? What Will They Think of Next!	B. Connell (1), P. Seymour (2), K. Caesar (3), and L. Veeck (1)	CIRA (1) NESDIS/OSPO/SPSD/DSB (2) CIMH (3)
T-74	McIDAS-V, visualization and data analysis for Suomi National Polar-orbiting Partnership	William Straka (1), Tommy Jasimin (1), Thomas Rink (1), Dan Lindsey (2), Don Hillger (2), Steve Miller (3), Thomas Achtor(1)	CIMSS/SSEC/UW-Maison (1) NOAA, RAMMB (2) CIRA (3)
T-75	Validation of Suomi NPP/VIIRS Operational Aerosol Products through Multi-Sensor Intercomparisions	Jingfeng Huang, I. Laszlo, S. Kondragunta, H. Liu, H. Cronk, H. C. Huang, L. Remer, H. Zhang, P. Ciren, S. Jackson, C. Hsu, A. M. Sayer, M. Oo, R. E. Holz, E. J. Hyer, L. Munchak, R. Levy, S. Mattoo, M. Petrenko, C. Ichoku, R. Kahn, and A. Smirnov	

T-76	CSPP VIIRS SDR - Acquisition, Production, Verification and Quality Control	Scott Mindock, Geoff Cureton, Ray Garcia, Liam Gumley, Graeme Martin, Kathy Strabala	SSEC, CIMSS
T-77	Communicating Satellite Data via NOAA's Science On a Sphere: The EarthNow Project	Patrick Rowley (1), Steven Ackerman (1), Phil Arkin (2), Dan Pisut (3), Rick Kohrs (1), Margaret Mooney (1), Stephanie Schollaert Uz (2)	CIMSS/SSEC/UW-Madison (1), CICS-MD/ESSIC/ University of Maryland (2), NOAA (3)
T-78	Coastal Diurnal Warming Study through In-situ and Satellite data	Xiaofang Zhu(1), Peter Minnett(1), J. Hendee(2), C. Manfrino(3) and R. Berkelmans(4),Helen Beggs(5)	University of Miami (1), NOAA/AOML (2) Central Caribbean Marine Institute(3) Australian Institute of Marine Science (4) Bureau of Meteorology,Australia (5)
T-79	Inter-Comparison of S-NPP/CrIS Radiances with AIRS and IASI toward Infared Hyperspectral Benchmark Measurements	Likun Wang1, Yong Han2, Fuzhong Weng2, and Mitch Goldberg3	(1) CICS/ESSIC/University of Maryland (2) NOAA/NESDIS/ STAR (3) NOAA/JPSS
T-80	Community Satellite Processing Package (CSPP) Cross-track Infrared Sounder (CrIS) Dual-Regression Retrievals and Applications	Elisabeth Weisz (1), William L. Smith Sr. (1), Nadia Smith (1)	CIMSS/SSEC/UW-Madison (1)
T-81	JPSS CGS Overview and Evolution	Shawn Miller (1), Michael Jamilkowski (1), Kerry Grant (1)	Raytheon Company (1)
T-82	Quantifying the effect of ambient cloud on clear-sky ocean brightness temperatures and SSTs	Korak Saha (1,2), Alexander Ignatov (1), and XingMing Liang (1,2)	NOAA/NESDIS/STAR (1), CSU/CIRA (2)
T-83	Image Navigation and Registration For the Next Generation Geostationary Weather Satellites	Houria Madani (1), Jim Carr (1), Francis Olivier (2)	Carr Astronautics (1) Thales-Alenia Space (2)
T-84	The Validation of GOES-Li and AIRS Total Precipitable Water Retrievals Using Ground Based Measurements.	Richard J. Dworak(1), Ralph Peterson(1)	CIMSS/SSEC/UW-Madison (1)
T-85	Current and Future Direct Readout Services	Marlin Perkins	NOAA/NESDIS/OSPO/SPSD/DSB
T-86	The role of DSA/CPTEC/INPE in the dissemination of POES/GOES products	Osvaldo Moraes (1) , Nelson Ferreira (1), Daniel Vila (1,2), Luiz A. Machado (1)	Environmental Satellites and Systems Division, Center for Weather Forecasting and Climate Studies, National Space Research Institute (1) CICS/ESSIC/ University of Maryland (2)
T-87	Brazilian Contribution for the GeonetCast System	Nelson Ferreira (1), Daniel Vila (1,2), Luiz A. Machado (1)	Environmental Satellites and Systems Division, Center for Weather Forecasting and Climate Studies, National Space Research Institute (1) ICS/ESSIC/University of Maryland (2)
T-88	Ice Water Path (IWP) Retrievals and Life Cycle Stage of Convective Clouds	Ramon Braga (1), Daniel Vila (1,2)	Environmental Satellites and Systems Division, Center for Weather Forecasting and Climate Studies, National Space Research Institute (1) CICS/ESSIC/ University of Maryland (2)

Poster Session II Wednesday April 10, 2013 10:15 am

Poster #	Title	Author(s)	Affiliation(s)
W-1	Satellite User Requirements and Readiness in WMO Region V (South-West Pacific)	Russell Stringer(1), Bryan Hodge(1), Ed Young(2), Riris Adriyanto(3), Kelly Sponberg(4), Paul Seymour(5), Jennifer Lewis(6), Agnes Lane(1)	(1) Australian Bureau of Meteorology (2) NOAA NWS Pacific Region Honolulu (3) Indonesian Agency for Meteorology Climatology and Geophysics (BMKG) (4) UCAR Joint Office of Science Support (5) NOAA NESDIS (6) NOAA NWS International Activities Office
W-2	Exporting VIIRS and MODIS Products for Visualization using Polar2Grid	R.K.Garcia (1), K.I.Strabala (1), D.J.Hoese (1), E.N.Schiffer (1), W.C.Straka III (1)	CIMSS/SSEC/UW-Madison (1)
W-3	JPSS Science Data Processing within the MagicDraw Formalism Facilitates User and Developer Interaction	Laura Ellen Dafoe (1), Jeffrey Hayden (1)	Jeffries Technology Solutions, Inc. (1)
W-4	First year of VIIRS SST in SQUAM: Evaluation and comparison with other satellite SSTs	Prasanjit Dash (1,2), Sasha Ignatov (1), Yury Kihai (1,3), John Stroup (1,4), Xingming Liang (1,2), John Sapper (1), Feng Xu (1,3)	NOAA (1) CSU/CIRA (2) GST, Inc, (3) STG, Inc, (4)
W-5	Overview of UW-Madison SSEC/CIMSS GOES-R Proving Ground Activities	Wayne F Feltz (1), Tim Schmit (2), Michael Pavolonis (2), Andrew Heidinger (2), Jordan Gerth (1), Scott Bachmeier (1), Kaba Bah (1), Scott Lindstrom (1), Tony Schreiner (1), Christopher Velden (1), Ralph Petersen (1)	CIMSS/SSEC/UW-Madison (1) NOAA/NESDIS ASPB (2)
W-5	GOES-R Cloud and Aerosol Validation during the NSF DC3 field mission	Wayne Feltz, R. Bradley Pierce, Ed Eloranta, K. Sebastian Schmidt, Andrew Heidinger, Shobha Kondragunta, Andi Walther	
W-6	Construction Technology of Ground Stations Network for Receiving and Processing Data from Polar-Orbital Satellites	Dmitry Fedotkin	SCANEX Research & Development Center
W-7	GOES-R AWG Product Processing System Framework: Current Capibilities and Future Plans	Walter Wolf (1), S. Sampson (2), X. Liu (2), A. Li (2), T. Yu (2), R. Garcia (3), G. Martin (3), W. Straka (3), E. Schiffer (3), and J. Daniels (1)	NOAA/NESDIS/STAR (1) IMSG (2) CIMSS (3)
W-8	Systematic Approach for the Transition of Research to Operations	Scott Zaccheo, Ned Snell, Ted Kennelly, David Hogan, Gary Gustafson	Atmospheric and Environmental Research, Inc.
W-9	Improving very-short-range Forecasts of the Pre-Convective Environment and Heavy Precipitation Events using operational Satellite Observations	Ralph A. Petersen(1), Robert Aune(2) and William Line(1)	(1) CIMSS/SSEC/UW-Madison (2)NOAA/NESDIS/STAR, Advanced Satellite Products Team
W-10	GENERATING REAL-TIME AND CLIMATE PRODUCTS IN SUPPORT OF SOLAR ENERGY APPLICATIONS	Andrew Heidinger(1), Christine Molling(2), Willliam Straka III(2), and Michael Foster(2)	NESDIS (1) UW/CIMSS(2)
W-11	Jason altimetry and NOAA's Sea Level Climate Data Record	Eric Leuliette (1), Remko Scharroo (1,2), John Lillibridge (1), Gary Mitchum (3), Deirdre Byrne (4), Laury Miller (1)	NOAA/NESDIS/STAR/Lab. for Satellite Altimetry (1), Altimetrics LLC (2), University of South Florida (3), NOAA/NESDIS/NODC (4)

W-12	CLOUD CLIMATE APPLICATIONS FOR THE AVHRR RECORD	Michael J Foster (1), Andrew Heidinger (2)	CIMSS, University of Wisconsin, Madison, WI, USA (1) NOAA/NESDIS/STAR UW-Madison (2)
W-13	Partnerships in the Use of GOES SST in the CONUS	P. Ted Strub (1), Alexandre Kurapov (1), David Foley (2)	(1) CIOSS (2) NOAA/NESDIS Center for Satellite Applications and Research, CoastWatch West Coast Node
W-14	The Jason Altimetry Missions - NOAA/EUMETSAT Operational Products & Applications	John Lillibridge (1), David Donahue (2), Julia Figa-Saldaña (3), and Olivier Thépaut (3)	(NOAA/NESDIS Center for Satellite Applications and Research, Laboratory for Satellite Altimetry (1), NOAA/NESDIS Office of Satellite and Product Operations, Satellite Products Branch (2), EUMETSAT Technical and Scientific Support Department, Remote Sensing and Products Division (3)
W-15	Satellite Data Collaborations Between NOAA and the University of Wisconsin SSEC Data Center - Past, Present, and Future	Jerrold Robaidek(1), Thomas Achtor(1), Delores Wade(1)	SSEC/UW-Madison
W-16	Toward beter understanding of passive remote sensing of cloud droplet effective radius: A combination of LES model and 3-D radiative transfer model	Zhibo Zhang(1,2,3), Andrew S. Ackerman(4), Graham Feingold(5), Steven Platnick(3), Robert Pincus(5,6) and Huiwen Xue(7)	(1) University of Maryland Baltimore County, (2) Joint Center for Earth Systems Technology, (3) Laboratory for Atmospheres, NASA GSFC (4) NASA Goddard Institute for Space Studies (5) University of Colorado (6) NOAA/Earth System Research Laboratory (7) Peking University
W-17	The CrIS, IASI and AIRS - A Perspective on Hyper-Spectral Infrared Sounder Retrievals, Validation, and Applications	Murty Divakarla (1), Chris Barnet (2), M.Wilson (1), E. Maddy (3), A. Gambacorta(1), N. Nalli (1),C. Tan(1), and X. Xiong(1)	IM Systems Group, Inc. (1) NOAA/STAR (2) Science and Technology Corporation (3)
W-18	GOES-R Rain Estimation with Combined ABI and GLM Data--Development and Testing of a Technique with TRMM Data	Robert Adler, Weixin Xu, Nai-Yu Wang	ESSIC/CICS/University of Mayland
W-19	A Real-time Global Flood Estimation System Using Satellite Rainfall Information and a Hydrological Model	Huan Wu Robert Adler	ESSIC/CICS University of Maryland
W-20	Contributing to User Readiness: A View from the COMET Program	Patrick Dills, Wendy Schreiber-Abshire	UCAR/COMET
W-21	VIIRS Atmospheric Products in the Community Satellite Processing Package (CSPP)	Geoff Cureton, Liam Gumley, Scott Mindock, Graeme Martin, Ray Garcia, Kathleen Strabala	CIMSS/SSEC/UW-Madison
W-22	NOAA/NESDIS Operational Satellite Precipitation Products and Service	Limin Zhao(1), Ralph Ferraro(2), Bob Kuligowski(2)	NOAA/NESDIS/OSPO(1) NOAA/NESDIS/STAR(2)
W-23	The NESDIS Operational Blended TPW Products System	Limin Zhao(1), Stanley Kidder(2), Sheldon Kusselson(1), John Forsythe(2), Andrew Jones(2), Ralph Ferraro(3), Jiang Zhao(4), Clay Davenport(4)	NOAA/NESDIS/OSPO/Satellite Products and Service Division (1) CSU/CIRA(2) NOAA/NESDIS/STAR(3) SGT(4)

W-24	Characterization of Bidirectional Reflectance of the Sonoran Desert using Historical GOES data for Vicarious Calibration of GOES-R ABI Sensor	Wonkook Kim (1,2) Shunlin Liang (1) Changyong Cao (2)	University of Maryland (1) NOAA/NESDIS/STAR (2)
W-25	SNPP/JPSS Data Access Process and Operational Products in Development at NOAA/NESDIS	Shuang Qiu (1), Christopher Sisko (2), Antonio Irving (1), Jingsi Gao (3)	(1) NOAA/NESDIS/OSPO/SPB. (2) NOAA/NESDIS/OSPO/MOD (3) SSAI
W-26	Suomi NPP VIIRS Imagery and the Grounding of the Oil Platform Kulluk in Alaska	Eric Stevens(1), James Nelson(2)	GINA/University of Alaska, (1) National Weather Service, Anchorage Forecast Office (2)
W-27	Combined use of polar imager and sounder measurements for enhanced sounding capability	Eric S. Maddy(1), Chris D. Barnet(2), Haibing Sun(3), Sergio DeSouza-Machado(4)	Science and Technology Corporation (1) NOAA/NESDIS/STAR (2) IMSG (3) JCET/UMBC (4)
W-28	Wildfire duration model for Air Quality Forecast systems	Jong-Jae Lee(1,2), HyunCheol kim(2, 3), CheolHee kim (1), Fantine Ngan(2,3), Ariel Stein(2,4), Pius Lee	Division of Earth Environmental System, Pusan National University (1) NOAA/Air Resources Laboratory (2) CICS (3) ERT, Inc. Laurel, MD (4)
W-29	Applications Of A Satellite-Based Objective Overshooting Convective Cloud Top Detection Product	Kristopher Bedka (1) Richard Dworak (2) Cecilia Fleeger (1) Wayne Feltz (2) Larry Carey (3)	(1) Science Systems and Applications, Inc. at NASA Langley Research Center (2) SSEC/CIMSS, UW-Madison (3) Earth System Science Center, University of Alabama in Huntsville
W-30	Improving precipitation retrieval using total lightning data: A multi-sensor and multi-platform synergy between GOES-R and GPM	Nai-Yu Wang(1) Kaushik Gopalan (1) Rachel Albrecht(2)	(1)University of Maryland ESSIC (2) Instituto Nacional de Pesquisas Espacias (INPE)
W-31	Surface Skin Temperature from Geostationary Satellite Data	Benjamin Scarino (1), Rabindra Palikonda (1), Patrick Minnis (2)	1. Science Systems and Applications, Inc 2. NASA Langley Research Center
W-32	Estimation of Surface Velocity from Geostationary Satellite Multiband Imagery	Wei Chen and Richard P. Mied	U. S. Naval Research Laboratory, Remote Sensing Division
W-33	Coastal Optical Characterization Experiment (COCE) Activities at STAR.	Michael Ondrusek (1) Eric Stengel (1)	(1) NOAA/NESDIS/STAR/SOCD, College Park, MD
W-34	Extension of the GOES-R Nighttime Cloud Optical and Microphysical Properties algorithm to other instruments.	Patrick W. Heck (1), Patrick Minnis (2), Gang Hong (3), Robert F. Arduini (3), J. Kirk Ayers (3)	CIMSS/SSEC/UW-Madison (1), Science Directorate, NASA Langley Research Center (2), Science Systems and Applications, Inc (3)
W-35	Introduction of a New Suite of Fog/Low Stratus Products into NWS Operations	Mike Pavolonis (1), Corey Calvert (2), Chad Gravelle (2), Scott Lindstrom (2)	NESDIS(1), UW-CIMSS(2)
W-36	CERES-consistent cloud and surface temperature CDR using AVHRR data	Patrick Minnis (1), Kris Bedka (2), Qing Trepte (2), Patrick Heck (2), Sarah Bedka (2), Gang Hong (2), Konstantin Khlopenkov (2), Benjamin Scarino (2), Chris Yost (2)	(1) NASA Langley Research Center (2) Science Systems and Applications, Inc., Hampton, VA 23666, U.S.A.
W-37	ENVI Services Engine: Earth and Planetary Image Processing for the Cloud	Thomas Harris (1), Amanda O'Connor (1), Kevin Lausten (1), Bill Okubo (1)	(1) Exelis Visual Information Solutions

W-38	NESDIS Operational Oceanic Heat Content Products (N. Atlantic and Pacific Basins)	Eileen Maturi (1), David Donahue (2), Nick Shay (3), Jodi Brewster (3) , Jerry Guo (2)	NESDIS/STAR (1), NESDIS/OSPO (2), RSMAS,University of Miami (3)
W-39	NOAA Suite of Operational Geostationary and Blended Sea Surface Temperature Products	Eileen Maturi (1), Andy Harris (2), Jonathan Mittaz (2), John Sapper (3), Robert Potash (3), Gordana Rancic (3)	NESDIS/STAR (1), CICS,University of Maryland (2), NESDIS/OSPO (3)
W-40	Use of GOES-R Imagery in the Detection Volcanic Ash and the Production of Aviation Warnings in Alaska	Tom Heinrichs and Eric Stevens	Geographic Information Network of Alaska, University of Alaska,
W-41	Satellite Observations of Mid-upper Tropospheric Methane using CrIS and its comparison with AIRS and IASI	Xiaozhen Xiong(1,2), Chris Barnet(2), Antonia Gambacorta(1,2), Eric S. Maddy(3,2), Thomas.S.King(1,2)	I.M.Systems Group (1) National Environmental Satellite, Data, and Information Service, NOAA, USA(2) Science and Technology Corporation, Langley, VA(3)
W-42	Metop-B HIRS instrument On-orbit status and performance	Chengli Qi(1), Changyong Cao(2), Tiejun Chang(2), Fuzhong Weng(2)	(1) CMA/NSMC (2) NOAA/NESDIS
W-43	ATMS Striping Analysis and The Proposed Algorithms	Hu Yang(1), Fuzhong Weng(2), Xiaolei Zou(3)	1.University of Maryland 2.NOAA/NESDIS/Center for Satellite Applications and Research 3.Florida State University
W-44	A Thematic Climate Data Record (TCDR) of Atmospheric Temperature Derived from Satellite Microwave Sounding Instruments Using 1D-Var	Fuzhong Weng(1) , KungHwa Wang(2) and Xiaolei Zou(3)	NESDIS(1) UMD/ESSIC(2) FSU(3)
W-45	GOES @ 60 West – A Wisconsin Perspective	Timothy J. Schmit (1), Jun Li (2), Jim Nelson (2), Zhenglong Li (2), Gary S. Wade (1), Anthony J. Schreiner (2), and Mat Gunshor (2)	NOAA/NESDIS/STAR/ASPB (1), CMSS/SSEC/UW-Madison(2)
W-46	NPP/VIIRS Long Term Instrument Monitoring System	Xiuqing (Scott) Hu(1), Fuzhong Weng(2), Tiejun Chang(1), Peter Wang(3), Ninghai Sun(3)	(1) Earth Resource Technology, Int., Laurel, MD ,USA. (2) NOAA/NESDIS/STAR, College Park, MD ,USA. (3) UMD/ESSIC/CICS, College Park, MD, USA.
W-47	Applications of ATMS/AMSU Humidity Sounders for Hurricane Study	Xiaolei Zou (1), Qi Shi (1), Zhengkun Qin (2) , Fuzhong Weng (3)	Florida State University (1) Center of Data Assimilation for Research and Application, Nanjing University of Information Science and Technology (2) Center for Satellite Applications and Research,NOAA/NESDIS (3)
W-48	A Downburst Study of the 29-30 June 2012 North American Derecho	Kenneth L. Pryor (1) and Colleen Wilson (2)	NESDIS (1) University of Maryland (2)
W-49	A High-fidelity Proxy Dataset for the Geostationary Lightning Mapper (GLM)	Monte Bateman	USRA/NASA/MSFC
W-50	A comparison of ground-based lightning networks against satellite-based lightning measurements	Kelsey Thompson (1) Monte Bateman (2)	(1) The University of Alabama, Huntsville (2) USRA/NASA/MSFC

W-51	Assessment of S-NPP CrIS Radiometric and Spectral Accuracy using Community Radiative Transfer Model	Yong Chen (1,2), Yong Han (3), and Fuzhong Weng (3)	CSU/CIRA (1) Joint Center for Satellite Data Assimilation (2) Center for Satellite Applications and Research, NOAA/NESDIS (3).
W-52	Detection of Earth-rotation Doppler Shift from S-NPP Cross-track Infrared Sounder	Yong Chen (1,2), Yong Han (3), and Fuzhong Weng (3)	CSU/CIRA (1) Joint Center for Satellite Data Assimilation (2) Center for Satellite Applications and Research, NOAA/NESDIS (3).
W-53	GOES-R Geostationary Lightning Mapper (GLM)	Karen M. Gheno, S. Edgington	Lockheed Martin Space Systems Company
W-54	Performance validation of candidate operational sounding retrievals from Suomi-NPP	Tony Reale1, Bomin Sun2, Michael Pettey2, Frank Tilley2, Charles Brown2, Nick Nalli2, Antonia Gambacorta2, Dave Tobin3 and Chris Barnet1	(1) NOAA/STAR (2) I.M. Systems Group, Inc. (3) Space Science and Engineering Center, Madison, Wi.
W-55	Relationship between clouds,temperature and humidity in NOAA IASI retrievals	Bomin Sun (1), Tony Reale(2), Eric Maddy(3), Antonia Gambacorta(1), and Chris Barnet(2)	I.M. Systems Group, Inc. (1) NOAA/NESDIS/STAR (2) Science and Technology Corp. (3)
W-56	Improve hurricane Sandy forecasts with hyperspectral infrared sounder data	Pei Wang (1), Jun Li (1), Tim Schmit (2), Jinlong Li (1), Zhenglong Li (1), Wenguang Bai (1)	CIMSS/UW- Madison (1), NOAA/NESDIS/Center for Satellite Applications and Research/Advanced Satellite Products Team (2),
W-57	Efforts for the Readiness of the Operational NPP-CrIS SDR Products: Status Monitoring and Anomaly Handling	Xin Jin (1), Yong Han (2), Denis Tremblay (3), Likun Wang (4)	ERT Inc., (1) NOAA/STAR/ SMCD/SPB (2) Science Data Processing, Inc. (3) CICS, UM-College Park (4)
W-58	Satellite-Observed Signatures Associated With Moderate to Severe Turbulence Events	Amanda M. Terborg (1), Kristopher Bedka (2), Wayne Feltz (3)	(1) Aviation Weather Center, CIMSS/SSEC/UW-Madison (2) Science Systems and Applications, Inc. NASA LaRC (3) CIMSS/SSEC/UW-Madison
W-59	The Global Impact of 10+ Years of IMAPP Software in Support of Aqua and Terra	Kathleen Strabala(1), Liam Gumley(1), Allen Huang(1), James Davies(1), Elisabeth Weisz(1), Jeff Key(1), Brad Pierce(1) and Lee Cronce(1)	UW-Madison, SSEC/CIMSS
W-60	Atmospheric Motion Vectors Derived via a New Nested Tracking Algorithm Developed for the GOES-R Advanced Baseline Imager (ABI)	Jaime Daniels (1), Wayne Bresky (2), Steve Wanzong (3), Andrew Bailey (2), Chris Velden (3)	NOAA/NESDIS Center for Satellite Applications and Research (1) IMSG Inc (2) UW-Madison/CIMSS (3)
W-61	Quantifying Power Outages after Severe Storms using the S-NPP/VIIRS Day Night Band Radiances	Changyong Cao (1), Xi Shao (2), Sirish Uprety (3)	NOAA/NESDIS/STAR (1) University of Maryland (2) CIRA/CSU (3)
W-62	Inter-Calibration of NPP-S CrIS with VIIRS	Likun Wang(1), Yong Han(2), Denis Tremblay(3), Fuzhong Weng(2), and Mitch Goldberg(4)	(1) ESSIC/University of Maryland, (2) NOAA/NESDIS/STAR (3) Science Data Processing Inc., (4) NOAA/JPSS Program Office
W-63	Absolute Calibration of ATMS Upper Level Temperature Sounding Channels Using GPS RO Observations	Xiaolei Zou (1), Lin Lin (2), Fuzhong Weng (3)	Center of Data Assimilation for Research and Application, Nanjing University of Information and Science & Technology, Florida State University (1) Joint Center for Satellite Data Assimilation, Earth Resources Technology, Inc. (2) NOAA/NESDIS (3)

W-64	Real-time Access to Weather Satellite Data and Products on Mobile Devices	David Santek, Dave Parker, Russ Dengel, Sam Batzli, Nick Bearson	Space Science & Engineering Center UW-Madison
W-65	Upscaling of in situ Land Surface Temperature for Satellite Validation	Robert C. Hale (1), Yunyue Yu (2), Dan Tarpley (3)	CIRA/CSU (1), NOAA/NESDIS Center for Satellite Applications and Research (2), Short and Associates, Inc. (3)
W-66	Angular Anisotropy of Satellite Observed Land Surface Temperature	Konstantin Y. Vinnikov (1), Yunyue Yu (2), Mitchell D. Goldberg (3), Dan Tarpley (4), Peter Romanov (5), Istvan Laszlo (2), and Ming Chen (6)	(1) University of Maryland (2) NESDIS/NOAA STAR (3) JPSS/NESDIS/NOAA (4) Short and Associates at NESDIS/NOAA (5) CREST, CUNY-NOAA Coop. Rem. Sens. Sci. & Tech. Center, (6) IMSG at NESDIS/NOAA
W-67	GEONETCast and GEONETCast Americas	Paul Seymour	NOAA/NESDIS
W-68	Arctic and Antarctic Satellite Composites: Construction and Applications	Matthew A. Lazzara (1,2), David A. Santek (2), Richard A. Kohrs (2), Brett T. Hoover (2), and David E. Mikolajczyk (1)	(1) Antarctic Meteorological Research Center Space Science and Engineering Center UW-Madison (2) CIMSS/SSEC/UW-Madison
W-69	McIDAS-V: A powerful visualization and data analysis tool for geostationary environmental satellites	David Santek, Thomas Achtor, Thomas Rink, William Straka, Joleen Feltz, Becky Schaffer	Space Science and Engineering Center University of Wisconsin-Madison
W-70	Continuity of VIIRS/MODIS Radiometric Measurements: Simultaneous Nadir Overpass Comparisons for Reflective Solar Bands	Slawomir Blonski (1), Changyong Cao (2), Sirish Uprety (3), and Xi Shao (1)	University of Maryland ESSIC/CICS (1) NOAA NESDIS STAR (2) Colorado State University CIRA (3)
W-71	Validation of Environmental Data Records (EDRs) from the Cross-track Infrared Microwave Sounder Suite (CrIMSS)	N. R. Nalli (1), C. D. Barnet (1), T. Reale (1), D. Tobin (2), M. Divakarla (1), M. Wilson (1), C. Tan (1), X. Xiong (1), A. Gambacorta (1), E. Maddy (1), L. Borg (2), E. Joseph (3), V. Morris (3), T. King (1), X. Liu (4), S. Kizer (4), D. Gu (5), D. Hagan (5)	(1) NOAA/NESDIS Center for Satellite Applications and Research (2) CIMSS/UW-Madison (3) NCAS, Howard University (4) NASA LaRC (5) Northup Grumman Aerospace Systems
W-71	Dedicated Radiosonde Campaign for Validation of Environmental Data Records (EDRs) from the Suomi NPP Cross-track Infrared Microwave Sounder Suite (CrIMSS)	N. R. Nalli (1), C. D. Barnet (1), D. Tobin (2), L. Borg (2), E. Joseph (3), V. R. Morris (3), D. Wolfe (4), M. Oyola (3), T. Reale (1), A. Gambacorta (1), E. S. Maddy (1), M. Wilson (1), C. Tan (1), X. Xiong (1), T. King (1), M. Divakarla (1)	(1) NOAA/NESDIS Center for Satellite Applications and Research (2) CIMSS/UW-Madison (3) NCAS, Howard University (4) NOAA/ESRL,
W-72	Mesoscale assimilation of AIRS and other satellite data in the Rapid Refresh system: strategies and impacts	Haidao Lin (1), Steve Weygandt (2), Tim Schmit (3)	(1) CIRA, (2) NOAA-ESRL/GSD, (3) NOAA/NESDIS/STAR
W-73	Current capabilities for identifying turbulence from real-time satellite imagery	Anthony Wimmers Wayne Feltz Sarah Monette	CIMSS/UW-Madison
W-74	Monitoring Quality of VIIRS Vegetation Index (VI) EDR Retrievals With MODIS and AVHRR VI Data Using a Web-based Tool	Nikolay Shabanov, Marco Vargas	NOAA/NESDIS/STAR/SMCD
W-75	Radiometric Comparison between Suomi NPP VIIRS and AQUA MODIS using Extended Simultaneous Nadir Overpass in the Low Latitudes	Sirish Uprety (1), Changyong Cao (2), Slawomir Blonski (3), Xi Shao (3)	(1) CIRA, (2) NOAA/NESDIS/STAR, (3) University of Maryland

W-76	High Rate Information Transmission And Emergency Managers Weather Information Network (HRIT/EMWIN)	Paul Seymour (1), Rob Wagner and Santos Rodriguez (2)	(1) NOAA Re-broadcast Program Manager, (2) EMWIN Program Managers
W-77	Design and Implementation of a Next-Generation Ground System for Jason/OSTM Mission	Abhishek Agarwal (1), Shahram Tehranian (1), Subir Vasanth (1), Ye Men (1), Inderjeet Saggu (1), Mark Sears (1), Desmond Smith (1), Angelo Wade (2)	(1) Avaya Government Solution, (2) NOAA/NESDIS/OSD/GSD
W-78	Sustaining Ground System Operations for GOES-NOP Mission with GOES Enterprise Managed System (GEMS)	Shahram Tehranian (1), Abhishek Agarwal (1), Subir Vasanth (1), Keith McKenzie (2)	(1) Avaya Government Solution, (2) NOAA/NESDIS/OSD
W-79	Collaboration with NASA SPoRT: Supporting the Transition of New Satellite Products into NWS Operational Forecasting and Decision Support Services	Brian Guyer and Deirdre Kann	NWS Albuquerque
W-80	Training in the NOAA Satellite Proving Ground – Getting Users Ready for Rapid Changes	LeRoy Spayd (1), Anthony Mostek (1), Brian Motta (1), James Gurka (2), Mark DeMaria (2), Tim Schmit (2)	(1) NOAA/NWS/OCWWS/Training Division, (2) NOAA Satellite and Information Service
W-81	Validation and Improvement of the GOES-R Rainfall Rate Algorithm	Robert J. Kuligowski and Yaping Li	NOAA/NESDIS/STAR, Camp Springs, MD
W-82	SPoRT Participation in the GOES-R and JPSS Proving Grounds	Gary Jedlovec (1), Kevin Fuell (2), Matthew Smith (3)	(1) NASA/MSFC/Earth Science Office, (2) Earth System Science Center UAHuntsville, (3) Information Technology Science Center UAHuntsville
W-83	GOES-R Communication Subsystem	H. Silverman and T. Milbourne	Lockheed Martin Space Systems Company
W-84	On-orbit Testing of MetOp-B AVHRR	Tiejun Chang (1,2), Xingqian Wu (1), Fuzhong Weng (1), Wei Guo (1,3), Felix Kogan (1), Xingming Liang (1,4), Alexander Ignatov (1)	(1) NOAA/NESDIS/STAR, (2) ERT, Inc., (3) I.M. Systems Group, (4) CIRA
W-85	Operational Ozone Products Available from NOAA/NESDIS	Vaishali Kapoor	NOAA/NESDIS
W-86	NOAA/NESDIS Sounding Systems Data Products and Services	Awdhesh Sharma	NOAA/NESDIS/OSPO/SPSD/ SPB
W-87	A Dynamic Enhancement Background Reduction Algorithm (DEBRA) Applicable to GOES-R ABI	Steven D. Miller	CSU/CIRA
W-88	Developing a compositing algorithm for retrieval of green vegetation fraction from the Suomi NPP satellite	Zhangyan Jiang, Junchang Ju, Marco Vargas, Ivan Csiszar	NOAA/NESDIS /STAR
W-89	Validation of Suomi NPP/VIIRS Operational Aerosol Products through Multi-Sensor Intercomparisions	Jingfeng Huang, I. Laszlo, S. Kondragunta, H. Liu, H. Cronk, H. C. Huang, L. Remer, H. Zhang, P. Ciren, S. Jackson, C. Hsu, A. M. Sayer, M. Oo, R. E. Holz, E. J. Hyer, L. Munchak, R. Levy, S. Mattoo, M. Petrenko, C. Ichoku, R. Kahn, and A. Smirnov	