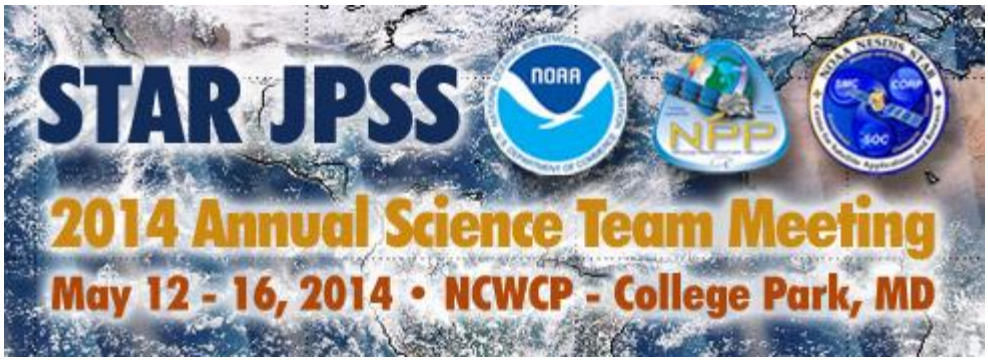


Conference Goal: *Present the accomplishments of the STAR JPSS program over the past year and plan for the coming year.*

Conference Objectives:

1. Review the progress of the STAR JPSS program over the past year and review objectives of the coming year.

2. Present results/issues/science from the STAR JPSS science teams including: algorithm validation and maturity status, SNPP science results, plans for the coming year, and progress in preparing for JPSS-1.

3. Hold individual meetings with the product application teams and the Algorithm Integration Team (AIT) to review algorithm code development and other activities.

4. Hold individual meetings with the science teams and management to review the work plan, budget, and other management matters for the upcoming Fiscal Year.

5. Hold splinter meetings to develop plans for improved utilization of selected JPSS products.

6. Inform the JPSS Program Office on the status of the program.

Website:
http://www.star.nesdis.noaa.gov/star/meeting_2014JPSSAnnual.php

AGENDA
2014 STAR JPSS Science Teams Annual Meeting

NOAA Center for Weather and Climate Prediction Auditorium
5830 University Research Court, College Park, MD 20740
May 12-16, 2014

Monday, 12 May 2014

Session 1: Plenary: Welcome, Opening Remarks (Auditorium) ***Chairs: Lihang Zhou, Eric Gottshall*** ***Dial-in: 866-631-7603 passcode: 6256206***	**13:00 – 14:00**
Session 2: Plenary - SDR Team Leads Reports/Overview (Auditorium) ***Chair: Fuzhong Weng*** ***WebEx: See Session 1*** ***Dial-in: See Session 1***	**14:30 – 17:00**

Tuesday May 13, 2014

Session 3: Plenary – EDR Team Leads Reports/Overview (Auditorium) ***Co-Chairs: Ivan Csiszar, Ingrid Guch, Paul DiGiacomo*** ***Dial-in: 866-631-7603 passcode: 6256206***	**08:30 – 12:00**
Poster Session (Conference Center) ***Chair: Ingrid Guch***	**12:00 – 13:30**
Session 4a: VIIRS SDR Science Breakout Session Contd. (Auditorium) ***Co-Chairs: Changyong Cao, Jack Xiong*** ***Dial-in: 866-783-2928 passcode: 3525187***	**13:30 – 17:10**
Session 4b: ATMS/CrIS SDR Science Breakout Session (Conference Room A/B) ***Co-Chairs: Fuzhong Weng, Yong Han, Dave Johnson*** ***Dial-in: 866-613-1467 passcode: 6701401***	**13:30 – 17:10**
Session 4c: OMPS SDR Science Breakout Session (Conference Room C) ***Co-Chairs: Fred Wu, Glen Jaross*** ***Dial-in: 866-631-7603 passcode: 6256206***	**13:30 – 17:00**

Wednesday May 14, 2014 (Auditorium)

Session 4a: VIIRS SDR Science Breakout Session Contd. (Auditorium) ***Co-Chairs: Changyong Cao, Jack Xiong*** ***Dial-in: 866-783-2928 passcode: 3525187***	**08:30 – 12:00**
Session 4b: ATMS/CrIS SDR Science Breakout Session Contd. (Conference Room A/B) ***Co-Chairs: Fuzhong Weng, Yong Han, Dave Johnson*** ***Dial-in: 866-613-1467 passcode: 6701401***	**08:30 – 11:20**
Session 4c: OMPS SDR Science Breakout Session Contd. (Conference Room C) ***Co-Chairs: Fred Wu, Glen Jaross*** ***Dial-in: 866-631-7603 passcode: 6256206***	**08:30 – 12:00**
Session 5a: VIIRS Land/Cryosphere Products Breakout (Auditorium) ***Chair: Ivan Csiszar*** ***Dial-in: 866-564-4509 passcode: 9632506***	**13:00 – 17:30**
Session 5b: VIIRS Atmospheric Products Breakout (Conference Room A/B) ***Chair: Ingrid Guch*** ***Dial-in: 866-631-7603 passcode: 6256206***	**13:00 – 17:00**
Session 5c: VIIRS Ocean Products Breakout Session (Conference Room C) ***Chair: Paul DiGiacomo*** ***Dial-in:866-817-2596 passcode: 6309436***	**13:30 – 17:00**
Session 5d: Soundings Breakout Session (NCWCP 2552-53) ***Co-Chairs: Mark Liu, Tony Reale*** ***Dial-in: 866-556-5369 passcode: 5368982***	**11:20 – 17:30**
Session 5e: Ozone EDR Science Breakout Session (NCWCP 2554-55) ***Chair: Larry Flynn*** ***Dial-in: 866-756-4931 passcode:9211831***	**13:30 – 17:10**

Thursday May 15, 2014

Session 6: Plenary Non-NOAA Satellite Data (Auditorium) ***Chairs: Paul Digiacomo, Mitch Goldberg*** ***Dial-in: 866-631-7603 passcode: 6256206***	**08:30 – 10:10**
Session 7: User Breakouts Session (Splinter Meetings) (Conference Center, ***Chairs: Mitch Goldberg, Ingrid Guch*** **and NCWCP rooms)**	**10:30 – 14:30**
Session 8: Plenary - Transition to Operations (Auditorium) ***Chairs: Walter Wolf, Pat Purcell*** ***Dial-in: 866-631-7603 passcode: 6256206***	**14:45 - 17:00**

Friday May 16, 2014

Session 8: Plenary SDR/EDR Team Leads (Auditorium) **Reports Back** ***Chair: Lihang Zhou, Arron Layns*** ***Dial-in: 866-631-7603 passcode: 6256206***	**08:30-12:30**

DETAILED – AGENDA

2014 STAR JPSS Science Teams Annual Meeting

NOAA Center for Weather and Climate Prediction Auditorium
5830 University Research Court, College Park, MD 20740.
May 12-16, 2014.

Monday, 12 May 2014 (Auditorium)

Session 1: Plenary: Welcome, Opening Remarks ***Chairs: Lihang Zhou, Eric Gottshall***			**13:00 – 14:30**
Presenter	Affiliation	Title	Start time
Al Powell, Mike Kalb	NOAA/STAR	Welcome and Introduction	13:00
Harry Cikanek	JPSS Program	JPSS Program Overview	13:10
Robin Krause	NESDIS OSGS	NESDIS OSGS Updates	13:20
Mitch Goldberg	JPSS Program	User Engagement and Feedback	13:30
Eric Gottshall	NOAA/JPSS	Suomi-NPP to JPSS-1: Making the Transition	13:40
Lihang Zhou	NOAA/STAR	Meeting Objectives	13:50
COFFEE BREAK (30 Minutes)			*14:00*
Session 2: Plenary - SDR Team Leads Reports/Overview ***Chair: Fuzhong Weng***			**14:30 – 17:00**
Fuzhong Weng	NOAA/STAR	SDR Overview and ATMS	14:30
Yong Han	NOAA/STAR	CrIS	14:55
Changyong Cao	NOAA/STAR	VIIRS	15:15
Fred Wu	NOAA/STAR	OMPS	15:35
Ninghai Sun	NOAA/STAR	ICVS	15:55
Poster Previews (1 min each poster)			16:10
ADJOURN FOR DAY			*17:00*

Tuesday May 13, 2014 (Auditorium)

Session 3: Plenary – EDR Team Leads Reports/Overview ***Chairs: Ivan Csiszar, Ingrid Guch, Paul DiGiacomo***			**08:30 – 12:00**
Presenter	Affiliation	Title	Start time
Shobha Kondragunta, Istvan Laszlo	NOAA/STAR	Aerosols	08:30
Andy Heidinger	NOAA/STAR	Clouds	08:50
Sid Boukabara	NOAA/STAR	MiRS-ATMS Science and Product Overview	09:10
Mark Liu, Tony Reale	NOAA/STAR	NOAA Unique CrIS ATMS Processing System and Validation	09:30
Larry Flynn	NOAA/STAR	Ozone	09:50
COFFEE BREAK (10 Minutes only)			*10:10*
Don Hillger	NOAA/STAR	Imagery	10:20
Ivan Csiszar	NOAA/STAR	Land	10:40
Jeff Key	NOAA/STAR	Cryosphere	11:00
Sasha Ignatov	NOAA/STAR	SST	11:20
Menghua Wang	NOAA/STAR	Ocean Color	11:40
LUNCH BREAK AND POSTER SESSION			*12:00*

Tuesday May 13, 2014 (Conference Center)

Poster Session (Chair: Ingrid Guch – Atmosphere Domain Kick off) **See bottom of agenda for detailed poster information**	**12:00 – 13:30**

Tuesday May 13, 2014 (Auditorium)

Session 4a: VIIRS SDR Science Breakout Session ***Chairs: Changyong Cao, Jack Xiong***			**13:30 – 17:10**
Presenter	Affiliation	Title	Start time
J. Xiong	NASA	VIIRS TEB Performance Improvements	13:30
C. Moeller/D. Moyer	UW/CIMSS	Resolving TEB Performance Issues	13:50
S. Ignatov	NOAA/STAR	SST EDR Feedback	14:10
F. Padula	NOAA/STAR	TEB Detector-Level RSR Performance Effects	14:30
L. Liao	NGAS	DNB Performance Improvements	14:50
Coffee Break (20 minutes)			*15:10*
X. Shao	UMD	Vicarious Calibration of DNB	15:30
Kim Baugh	NGDC	Using VIIRS DNB SDRs to Generate Nighttime Lights Composites	15:50
G. Lin	NASA	Geo Improvements	16:10
F. DeLuccia	Aerospace Corporation	Improving RSB Calibration for Ocean Color	16:30
M. Wang	NOAA/STAR	Ocean Color EDR Feedback	16:50
ADJOURN FOR DAY			*17:10*

Tuesday May 13, 2014 (Conference Room A/B)

Session 4b: ATMS/CrIS SDR Science Breakout Session ***Chairs: Fuzhong Weng, Yong Han, Dave Johnson***			**13:30 – 17:10**
Presenter	Affiliation	Title	Start time
Tiger Yang	UMD/ESSIC	Advanced radiance transformation system (ARTS) and its applications for ATMS TDR processing	13:30
Xiaolei Zou	FSU	ATMS de-striping algorithms and test data for NWP impact studies	13:50
Lin Lin	STAR	Towards Establishing a Benchmark Instrument for Microwave Sounders	14:10
Bill Blackwell	MIT/LL	NAST-M Field Campaign for ATMS Validation	14:30
Otto Bruegman, Ed Kim, Kent Anderson	NGES, NASA	Early Results from J1 ATMS TVAC	14:50
COFFEE BREAK (20 minutes)			*15:10*
Degui Gu	NGAS	NGAS Support for ATMS cal/val	15:30
Ninghai Sun	STAR	STAR independent assessment of J1 TVAC	15:50
CrIS SDR Breakout Session			
Dave Tobin	UW	CrIS Radiometric Calibration	16:10
Larrabee Strow	UMBC	CrIS Spectral Calibration	16:30
Dan Mooney	MIT/LL	CrIS Calibration Equation	16:50
ADJOURN FOR DAY			*17:10*

Tuesday May 13, 2014 (Conference Room C)

Session 4c: OMPS SDR Science Breakout Session ***Chairs: Fred Wu, Glen Jaross***			**13:30 – 17:00**
Presenter	Affiliation	Title	Start time
Tom Kelly	NASA/SSAI	Derivation of solar irradiance for OMPS nadir instruments	13:30
Michael Haken	NASA/SSAI	Derivation of dark current and linearity for OMPS nadir instruments	13:50
Mark Kowitt	NASA/SSAI	Improvement of wavelength registration for OMPS nadir instruments	14:10
Grace Chen	NASA/SSAI	Stray light correction for OMPS nadir instruments	14:30
Glen Jaross	NASA/SSAI	Calibration in the NM-NP overlap spectral region	14:50
COFFEE BREAK (20 Minutes)			*15:10*
Larry Flynn	NOAA/STAR	Accounting for solar activities in OMPS instrument calibration	15:30
Jian Zeng, Mike Grotenhuis	NOAA/STAR	Inter-calibration with GOME-2	15:50
Chunhui Pan	NOAA/STAR	S-NPP OMPS Nadir Instrument In-Fight Performance Monitoring	16:10
Glen Jaross	NASA	LP SDR science	16:30
ADJOURN FOR DAY			*17:00*

Wednesday May 14, 2014 (Auditorium)

Session 4a: VIIRS SDR Science Breakout Session Cont. ***Chairs: Changyong Cao, Jack Xiong***			**08:30 – 12:00**
Presenter	Affiliation	Title	Start time
S. Blonski	CICS	Resolving RSB Performance Issues	08:30
J.Xiong, J.Fulbright	NASA	Reducing Uncertainties in Onboard Calibration	08:50
Uprety	CIRA	Recent Results on Intercomparisons with MODIS	09:10
X. Shao, J. Choi	UMD	Lunar Band Ratio Time Series	09:30
W. Wang	STAR	Validation Time Series	09:50
COFFEE BREAK (10 Minutes only)			*10:10*
J.McIntire, H.Oudrari	NASA/VCST	VIIRS J1 Polarization Analysis	10:20
Alexei Lyapustin	NASA	J1 Polarization Analysis – Land Analysis	10:40
Jim Biard	NCDC	The VIIRS Climate Raw Data Record	11:00
Changyong Cao	STAR	VIIRS J1 Polarization Analysis	11:20
LUNCH BREAK			*12:00*

Wednesday May 14, 2014 (Conference Room A/B)

Session 4b: ATMS/CrIS SDR Science Breakout Session Cont. ***Chairs: Fuzhong Weng, Yong Han, Dave Johnson***			**08:30 – 11:20**
Presenter	Affiliation	Title	Start time
Vladimir Zavyalov, Mark Esplin	SDL	CrIS Noise Performance	08:30
Yong Chen	NOAA/STAR	Preparation of CrIS Full Resolution Processing	08:50
Likun Wang	NOAA/STAR	Towards Establishing a Reference Instrument for Infrared sounders	09:10
Xin Jin	NOAA/STAR	Proxy dataset for Testing and Evaluating J1 CrIS SDR products	09:30
Degui Gu	NGAS	NGAS Support for CrIS cal/val	09:50
COFFEE BREAK (10 Minutes only)			10:10
CrIS SDR Group Discussion			10:20-11:20
ADJOURN SESSION			11:20

Wednesday May 14, 2014 (Conference Room C)

Session 4c: OMPS SDR Science Breakout Session ***Chairs: Fred Wu, Glen Jaross***			**8:30 – 12:00**
Presenter	Affiliation	Title	Start time
Tom Kelly	NASA/SSAI	OMPS CONOPS	8:30
Matt Kowalewski	NASA/SSAI	Status and improvements of J1 OMPS pre-launch calibration.	8:50
Bhaswar Sen	NGAS	J1 SCDB analysis, conversion to LUT, and testing	9:10
Team Discussion			9:30
COFFEE BREAK (30 Minutes)			*10:00*
Team Discussion (continued)			10:30
LUNCH BREAK			*12:00*

Wednesday May 14, 2014 (Auditorium)

Session 5a: VIIRS Land Products Breakout ***Chairs: Ivan Csiszar, Jeff Key***			**13:00 – 17:30**
Presenter	Affiliation	Title	Start time
Peter Romanov, Igor Appel	CREST, IMSG	Binary snow cover and an alternative algorithm for snow fraction	13:00
Mark Tschudi, Yinghui Liu	CU, CIMSS	Ice Surface Temperature status	13:20
Robert Mahoney, Yinghui Liu	NG, CIMSS	Sea Ice Concentration status	13:35
Mark Tschudi, Robert Mahoney	CU, NG	Sea Ice Characterization EDR status and the way forward	13:45
Robert Mahoney	NG	Snow and ice gridding: status and recommendations	14:00
Sadashiva Devadiga	Sigma Space Corporation / NASA GSFC	Suomi-NPP VIIRS Land Product Quality Assessment Approach and Collection V1.1 Reprocessing	14:15
Eric Vermote	NASA GSFC	Surface Reflectance, SDR and VCM feedback	14:30
COFFEE BREAK (15 Minutes)			14:45
Marco Vargas	STAR	Vegetation Index and NDE Green Vegetation Fraction	15:00
Crystal Schaaf	UMass	VIIRS Daily BRDF, NBAR and Albedo	16:00
Bob Yu	STAR	Land Surface Temperature: S-NPP vs. GOES-R	15:30
Jerry Zhan, Chengquan Huang	STAR, UMD	VIIRS Surface Type EDR Improvement Plan	15:45
Ivan Csiszar, Louis Giglio, Wilfrid Schroeder	STAR, UMD	Active Fires: SDR quality, replacement code and I-band	15:15
Kevin Gallo	STAR	Land Product Validation System	16:15
Team Discussion			16:30
ADJOURN FOR DAY			*17:30*

Wednesday May 14, 2014 (Conference Room A/B)

Session 5b: VIIRS Atmospheric Products Breakout ***Chair: Ingrid Guch***			**13:00 – 17:00**
Presenter	Affiliation	Title	Start time
Curtis Seaman	CIRA	Imagery/NCC	13:00
Kim Baugh		Nightfire: Using the VIIRS Nighttime M-bands to Detect and Characterize Combustion Sources	13:20
Bob Holz	SSEC	Cloud validation and system	13:40
Curtis Seaman	CIRA	Cloud Base Development and Validation	14:00
Eric Wong	NGAS	Status of IDPS cloud products	14:20
Kurt Brueske	Raytheon	Cloud Mask Quality Flags	14:40
Edward Hyer	NRL	Pre-processing and Assimilation of NPP VIIRS AOD in a Global Aerosol Model	
COFFEE BREAK (20 minutes)			*15:00*
Hongqing Liu and Istvan Laszlo	IMSG/STAR	The JPSS Risk Reduction Aerosol Algorithm	15:20
Pubu Ciren and Shobha Kondragunta	STAR	Application of Dust Aerosol Index algorithm to VIIRS observations	15:40
Sarah Lu, Shobha Kondragunta, Arlindo da Silva, Xiaoyang Zhang	NCEP	Toward Improving NCEP's Global Aerosol Forecasting System using VIIRS Aerosol Observations	16:00
Group Discussion			16:20
ADJOURN FOR DAY			*17:00*

Wednesday May 14, 2014 (Conference Room C)

SST= Sea Surface Temperature Group

OC= Ocean Color Group

Session 5c: VIIRS Ocean Products Breakout Session *Chair: Paul DiGiacomo*			**13:30 – 17:00**
Presenter	Affiliation	Title	Start time
Ignatov, Alexander /DiGiacomo, Paul	NOAA/NESDIS/STAR	(SST) Welcome & Intro	13:30
Ignatov, Alexander	NOAA/NESDIS/STAR	(SST) VIIRS global SST products: ACSPO/IDPS/NAVO	13:35
Brasnett, Bruce (presented by Ignatov)	Canadian Meteorological Centre	(SST) Evaluation in the Canadian Met Centre L4 analysis	13:45
Gladkova, Irina	CUNY/CREST	(SST) Pattern recognition improvements to ACSPO clear-sky mask	13:55
Mikelsons, Karlis	NOAA/NESDIS/STAR	(SST) Destriping VIIRS brightness temperatures for SST	14:05
Minnett, Peter (presented by Ignatov)	U. Miami	(SST) Analyses at U. Miami	14:15
Cayula, Jean-François (presented by Ignatov)	NAVO/USM	(SST) Analyses at NAVO/USM	14:25
(SST) Group Discussion, Future work			14:35
COFFEE BREAK (20 minutes)			*15:10*
Wang, Menghua /DiGiacomo, Paul	NOAA/NESDIS/STAR	(OC) Welcome & Intro	15:30
Voss, Kenneth	U. Miami	(OC) Why MOBY and why MOBY-REFRESH?	15:35
Turpie, Kevin	NASA GSFC	(OC) Calibration uncertainty and satellite ocean color trends	15:50
Ondrusek, Michael	NOAA/NESDIS/STAR	(OC) Validation of Ocean Color Sensors Using a Profiling Hyperspectral Radiometer	16:05
Naik, Puneeta	CIRA, Colorado State University (NOAA/NESDIS/STAR)	(OC) Effective Band Center Wavelengths for MODIS and VIIRS for Open Ocean Waters	16:20
(OC) Group Discussion, Future work			16:30
ADJOURN FOR DAY			*17:00*

Wednesday May 14, 2014 (Conference Room 2552-2553)

Session 5d: Soundings Breakout Session ***Chairs: Mark Liu, Tony Reale***			**11:20 – 17:30**
Presenter	Affiliation	Title	Start time
Bill Smith	CMISS UW and Hampton University	Validation of CrIS Dual Regression Sounding Products during the Airborne Suomi-NPP Cal/Val Campaign	11:20
Joel Susskind	NASA/GSFC	Analysis of CrIS/ATMS sounding data with an AIRS Version 6-like retrieval algorithm	11:40
LUNCH BREAK			*12:00*
Antonia Gambacorta	STAR	Status of the NOAA Hyper Spectral Infrared + Microwave Retrieval Algorithm	13:30
Chris Barnet	STC	Recent analysis of the NOAA CrIS/ATMS EDRs in complex weather regimes	13:50
Eric Fetzer	NASA/JPL	What can we learn from 11 years of AIRS observations?	14:10
Xu Liu	NASA/LaRC	Single Field of View ATMS/CrIS Sounding Products Under All Sky Condition	14:30
Christopher Grassotti/Jerry Zhan	STAR	MiRS Science Improvements and Sounding Product Performance for S-NPP/ATMS	14:50
COFFEE BREAK			*15:10*
Awdhesh Sharma	NOAA/OSPO	Updates on NUCAPS Operational Products and Services	15:30
Tony Reale, Bomin Sun	STAR	The NOAA PROducts Validation System and Plus	15:50
Emily Berndt	NASA/SPoRT	Applications using Satellite Sounder Products at the NASA SPoRT Center	16:10
Nick Nalli	STAR	Validation of NUCAPS Operational Retrieval Products	16:30
Bill Ward	NWS /PRH/ESSD	GPS Units in the Pacific Region	16:50
Monika Kopacz	NOAA Climate Program Office	The need for atmospheric chemistry products from CrIS	17:10
ADJOURN FOR DAY			*17:30*

Wednesday May 14, 2014 (Conference Room 2554-2555)

Session 5e: Ozone EDR Science Breakout Session ***Chairs: Larry Flynn, Mario Caponi***			**13:30 – 17:10**
Presenter	Affiliation	Title	Start time
Omar Torres	NASA/GSFC	Use of OMPS Nadir Mapper measurements to provide aerosol information (current Aerosol Index, improved UV information, combinations with visible)	13:30
Kai Yang	NASA/GSFC	Use of LF SO2 retrieval algorithm in conjunction with V8 TOZ (Algorithm and products including improvements to aerosol index and total column ozone).	13:50
Jianguo Niu		Review of TACO versions, improvements and validation	14:10
Trevor Beck	NOAA STAR	Version 8 Pro for OMPS ADL results.	14:50
COFFEE BREAK (20 Minutes)			*15:10*
Matthew DeLand		OMPS Limb Profiler – Level 2 Products Update	15:30
Emily Berndt	NASA Postdoctoral Program/Marshall Space Flight Center	Development and Application of Hyperspectral Infrared Ozone Retrieval Products for Operational Meteorology	15:50
Craig Long	CPC	Applications of OMPS Ozone Products	16:10
Larry Flynn	NOAA STAR	Pieces of the big and little picture	16:30
Larry Flynn	NOAA STAR	Summary	16:50
ADJOURN FOR DAY			*17:10*

Thursday May 15, 2014 (Auditorium)

Session 6: Plenary Non-NOAA Satellite Data ***Chairs: Paul DiGiacomo, Mitch Goldberg***			**08:30 – 10:10**
Presenter	Affiliation	Title	Start time
Paul Chang	NOAA STAR	NOAA GCOM-W1/AMSR2 Product Processing and Validation Project	08:30
Paul DiGiacomo	NOAA STAR	Opportunities and Challenges for leveraging the European Sentinel(3) Missions in support of NOAA User Needs	08:50
Mark Eakin	NOAA Coral Reef Watch	The importance of blending and reprocessing in coral bleaching product: No satellite is an island, and history is key to understanding the present	09:10
Mitch Goldberg	JPSS	Moderator-led Discussion on Non-NOAA Data, Generation of Blended Products, Reprocessing, Climate Applications	09:30
COFFEE BREAK			*10:10*

Thursday May 15, 2014

Session 7: User Breakouts Session (Splinter Meetings) *Chairs: Mitch Goldberg, Ingrid Guch*			**10:30 – 14:30**
Presenter	Affiliation	Title	Room
Mike Ek, Ivan Csiszar	EMC, STAR	Land Data Assimilation	Auditorium
Sean Helfrich, Jeff Key	NIC, STAR	Cryosphere	NCWCP 2557
Michael Folmer, Don Hillger, Heidinger		Imagery /Cloud Applications	NCWCP 2552-53
Monika Kopacz, Chris Barnet	NOAA/OAR, STC	CrIS Atmospheric Chemistry (CO, CH4…)	NCWCP 2554-55
Pingping Xie, Mark Liu	CPC,STAR	CrIS OLR	Conf. Room A
Ralph Ferraro, Limin Zhao Dave Kitzmiller	STR,OSPO	Microwave Precipitation	Conference Room B
Craig Long, Larry Flynn	CPC, STAR	Ozone Monitoring	NCWCP 2551
Shobha Kondragunta, Sarah Liu	STAR, EMC	VIIRS aerosol assimilation	Conf. Room C
Menghua Wang, Rick Stumpf, Cara Wilson,	STAR, NOS	Ocean color	NCWCP 3555
Alexander Ignatov, Ken Casey, Bob Grumbine	STAR	SST	NCWCP 4552-53
LUNCH BREAK			*12:00*
SESSION RESUMES			Time
Ivan Csiszar	EMC, STAR	Land Data Assimilation Report Back	13:00
Jeff Key	NIC, STAR	Cryosphere Report Back	13:10
Michael Folmer, Don Hillger, Heidinger		Imagery /Cloud Applications Report Back	13:20
Monika Kopacz, Chris Barnet	NOAA/OAR, STC	CrIS Atmospheric Chemistry (CO, CH4…) Report Back	13:30
Mark Liu	CPC,STAR	CrIS OLR Report Back	13:40
Ralph Ferraro	STR,OSPO	Microwave Precipitation Report Back	13:50
Larry Flynn	CPC, STAR	Ozone Monitoring Report Back	14:00
Shobha Kondragunta	STAR, EMC	VIIRS aerosol assimilation Report Back	14:10
Menghua Wang	STAR, NOS	Ocean color Report Back	14:20
Alexander Ignatov	STAR	SST Report Back	14:30

Thursday May 15, 2014 (Auditorium)

Session 8: Plenary - Transition to Operations ***Chairs: Walter Wolf, Tom Schott, Pat Purcell***			**14:30 - 17:00**
Presenter	Affiliation	Title	Start time
Eric Gottshall	JPSS DPA	JPSS Algorithm Change Process	14:30
Tom Schott	NOAA/OSD	NESDIS Unique Product (NUP) Development	14:50
COFFEE BREAK (20 minutes)			*15:10*
Walter Wolf	NOAA/STAR	Comparing change process in JPSS & SPSRB	15:30
Bigyani Das	NOAA/STAR	AIT Capabilities	15:50
Tom King	NOAA/STAR	AIT NDE Integration GCOM/NUCAPS	16:20
Chris Sisko	NOAA/OSPO	SNPP/JPSS ESPC Operations (Today and Tomorrow)	16:40
ADJOURN FOR DAY			*17:00*

Friday May 16, 2014 (Auditorium)

Session 9: Plenary SDR/EDR Team Leads Reports Back ***Chairs: Lihang Zhou, Arron Layns***			**08:30-12:30**
Presenter	Affiliation	Title	Start time
Innovative Science Talks			
Miguel Román	NASA	An Overview of Innovative Approaches using Suomi-NPP Data for Global Land Change Science and Applications	8:30
Irina Gladkova	CUNY	Towards Simultaneous Clear-Sky and Ocean Dynamics Analyses in the NOAA SST System	8:50
Fuzhong Weng	NOAA/STAR	Impacts of ATMS/CrIS on hurricane forecasts.	9:10
Team Leads Reports			
Fuzhong Weng	NOAA/STAR	ATMS SDR: Team Lead Report	09:30
Yong Han	NOAA/STAR	CrIS SDR: Team Lead Report	09:40
Changyong Cao	NOAA/STAR	VIIRS SDR: Team Lead Report	09:50
Fred Wu	NOAA/STAR	OMPS SDR: Team Lead Report	10:00
Ninghai Sun	NOAA/STAR	ICVS	10:10
COFFEE BREAK (10 Minutes only)			*10:20*
Shobha Kondragunta/Istvan Laszlo	NOAA/STAR	Aerosols: Team Lead Report	10:30
Andrew Heidinger	NOAA/STAR	Clouds: Team Lead Report	10:40
Mark Liu/Tony Reale	NOAA/STAR	Soundings: Team Lead Report	10:50
Larry Flynn	NOAA/STAR	Ozone: Team Lead Report	11:00
Don Hillger	NOAA/STAR	Imagery: Team Lead Report	11:10
Ivan Csiszar	NOAA/STAR	Land: Team Lead Report	11:20
Jeff Key	NOAA/STAR	Cryosphere: Team Lead Report	11:30
Alex Ignatov	NOAA/STAR	SST: Team Lead Report	11:40
Menghua Wang	NOAA/STAR	Ocean Color: Team Lead Report	11:50
Discussion			12:00
ADJOURN MEETING			*12:30*

Poster Session: Tuesday May 13 ***Chair: Ingrid Guch***	**12:00 – 13:30**

1 **NOAA STAR ICVS-LTM Suomi NPP VIIRS web page**
Vicky Lin, Changyong Cao, Fuzhong Weng

2 **ATMS Retrieved Snowfall Rate**
Huan Meng, Ralph Ferraro, Cezar Kongoli, Nai-Yu Wang, Jun Dong, Banghua Yan

3 **Assessments of CrIS Spectral Calibration Accuracy and Stability**
Yong Chen, Yong Han, Xin Jin, Likun Wang, Denis Tremblay, and Fuzhong Weng

4 ~~**Accurate Collocation of CrIS and ATMS with VIIRS observations**~~
~~Likun Wang~~ (withdrawn)

5 **Suomi NPP/JPSS Cross-track Infrared Sounder (CrIS): Calibration Validation With The Aircraft Based Scanning High-resolution Interferometer Sounder (S-HIS)**
Joe K Taylor, D C Tobin, H E Revercomb, F A Best, R K Garcia, H Motteler, M Goldberg

6 **JPSS-1 CrIS Bench Data and Preliminary Assessment of the Instrument Stability**
Denis Tremblay, Yong Chen, Yong Han, Xin Jin, Likun Wang

7 **VIIRS Calibration Knowledgebase for SDR Data Quality Assurance**
Yan Bai, Changyong Cao, Xi Shao

8 **Solar Vector Error in the S-NPP Common GEO Code, the Correction, and the Effects on the VIIRS SDR RSB Calibration**
Jon Fulbright, Samuel Anderson, Ning Lei, Boryana Efremova, Zhipeng Wang, Jeff McIntire, Vincent Chiang, and Xiaoxiong Xiong

9 **VIIRS Lunar Observations and Applications**
Xiaoxiong Xiong, Zhipeng Wang, Jon Fulbright, Boryana Efremova, and Hongda Chen

10 **Validation of Suomi-NPP VIIRS Radiometric Stability using Lunar Band Ratios**
Taeyoung (Jason) Choi, Xi Shao, Changyoung Cao, Fuzhong Weng.

11 **Progress in Developing Ground-Based Polarimetric Spectroradiometer to Support VIIRS Validation**

Aaron Pearlman, Frank Padula, Xi Shao, and Changyong Cao

12 **VIIRS Solar Reflective Solar Bands On-Orbit Calibration and Performance**
Junqiang Sun and Menghua Wang

13 **Easy Access to the VIIRS Science Raw Data Record**
James C. Biard, Linda Copley, Drew Saunders, Jeff Privette

14 **Determine SNPP VIIRS SDSM screen transmittance from both yaw manuever and regualr on-orbit data**
Ning Lei, Xuexia Chen, Xiaoxiong Xiong

15 **Toward Improving NCEP's Global Aerosol Forecasting System using VIIRS Aerosol Observations**
Sarah Lu, Shobha Kondragunta, Arlindo da Silva, Xiaoyang Zhang

16 **Spatial and temporal variation of the Visible Infrared Imaging Radiometer Suite (VIIRS) derived aerosol optical thickness over East China**
Fei Meng, Changyong Cao, Xi Shao

17 **Assimilation of VIIRS AOT EDR for air-quality analyses and forecasts: a comparison with the assimilation of MODIS AOT**
Zhiquan Liu, Junmei Ban, Hui-Chuan Lin

18 **The Evaluation of VIIRS Aerosol Retrievals Over Ocean**
Ho-Chun Huang, Shobha Kondragunta, Istvan Laszlo, Lorraine A Remer, Jingfeng Huang, Hai Zhang, Alexander Smirnov

19 **Spatial and Temporal Characterization of the Difference between Multi-Sensor Aerosol Retrievals and AERONET measurements**
Jingfeng Huang, Hongqing Liu, Istvan Laszlo, Shobha Kondragunta, Lorraine A. Remer, Ho-Chun Huang, Hai Zhang, Stephen Superczynski, Maksym Petrenko, Brent N. Holben, Robert C. Levy, Ralph A. Kahn

20 **To monitor and validate the VIIRS LST Product**
Peng Yu, Yunyue Yu, Yuling Liu, and Zhuo Wang

21 **Validation of the SNPP VIIRS Provisional Land Surface Temperature Product**
Yuling Liu, Yunyue Yu, Zhuo Wang and Peng Yu

22 **Revealing Issues for Improving VIIRS Land Surface Temperature Retrieval**
Zhuo Wang, Yunyue Yu, Yuling Liu, Peng Yu

23 **Evaluation of performance of VIIRS VI EDR over network of AERONET sites**

N. Shabanov, and M. Vargas

24 **Validation of VIIRS Vegetation Index EDR Using In Situ Radiation Sensor Measurements**
Jiao Wang, Tomoaki Miura, Anna Kato, and Marco Vargas

25 **Real-time daily rolling weekly green vegetation fraction derived from the Suomi NPP satellite**
Zhangyan Jiang, Marco Vargas, Junchang Ju, Ivan Csiszar

26 **Improving the estimated surface reflectance ratios for VIIRS aerosol retrieval over land**
Hai Zhang, Hongqing Liu, Shobha Kondragunta, Istvan Laszlo, Lorraine Remer, Jingfeng Huang, Ho-Chun Huang

27 **Direct Estimation of Land Surface Albedo from VIIRS: Algorithm Improvement and Preliminary Validation Data**
Dongdong Wang , Shulin Liang, Yuan Zhou, Tao He, Yunyue Yu

28 **VIIRS Surface Type algorithm refinement and preliminary validation**
Rui Zhang, Chengquan Huang, Xiwu Zhan

29 **Extension of CPC's Ozone Monitoring Using OMPS Ozone Products**
Craig Long, Jeannette Wild, Shuntai Zhou, Larry Flynn, Eric Beach

30 **OMPS ozone validation by the NOAA ground-based ozone network.**
I. Petropavlovskikh, B. Evans, G. McConville, A. McClure, E. Beach, L. E. Flynn

31 **Current and Future Marine Optical Buoy**
Kenneth Voss, Carol Johnson, Mark Yarbrough and Kent Hughes

32 **A New Blended Near-infrared Ocean Reflectance Correction Algorithm for Satellite Ocean Color Data Processing in Coastal and Inland Waters**
Lide Jiang and Menghua Wang

33 **River Runoff Effect on the Suspended Sediment Property in the Upper Chesapeake Bay Using MODIS Ocean Color Data and Model Simulations**
Xiaoming Liu and Menghua Wang

34 **Satellite-measured net primary production in the Chesapeake Bay**
Seunghyun Son, Menghua Wang, and Lawrence Harding Jr.

35 **IR-based Ocean Color IOP algorithm for Coastal and Inland Waters**
Wei Shi and Menghua Wang

36 **Effective Band Center Wavelengths for MODIS and VIIRS for Open Ocean Waters**
Puneeta Naik, Menghua Wang

37 **Evaluation of IDPS ocean color products, Repairs for VOCCO Coastal products**
R.Arnone. R. Vandermeulen, S. Ladner, G. Fargion, J. Bowers, P. Martinolich

General Comments Form

2914 STAR JPSS Science Teams Annual Meeting
May 12– 16, 2014
NCWCP, College Park, MD

Originator Name: **Phone #:** **Org**

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