







**Thursday May 15, 2014**

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

**Friday May 16, 2014**

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

<b>Session 1: Plenary: Welcome, Opening Remarks</b>			<b>13:00 –</b>
<i>Chairs: Lihang Zhou, Eric Gottshall</i>			<b>14:30</b>
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (30 Minutes)</i>			<i>14:00</i>
<b>Session 2: Plenary - SDR Team Leads Reports/Overview</b>			<b>14:30 –</b>
<i>Chair: Fuzhong Weng</i>			<b>17:00</b>
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
<i>ADJOURN FOR DAY</i>			<i>17:00</i>

**Tuesday May 13, 2014 (Auditorium)**

<b>Session 3: Plenary – EDR Team Leads Reports/Overview</b>			<b>08:30 – 12:00</b>
<i>Chairs: Ivan Csizsar, Ingrid Guch, Paul DiGiacomo</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (10 Minutes only)</i>			<i>10:10</i>
Don Hillger	NOAA/STAR	Imagery	10:20
Ivan Csizsar	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
<i>LUNCH BREAK AND POSTER SESSION</i>			<i>12:00</i>

**Tuesday May 13, 2014 (Conference Center)**

<b>Poster Session (Chair: Ingrid Guch – Atmosphere Domain Kick off)</b> See bottom of agenda for detailed poster information	<b>12:00 – 13:30</b>
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**Tuesday May 13, 2014 (Auditorium)**

<b>Session 4a: VIIRS SDR Science Breakout Session</b>			<b>13:30 – 17:10</b>
<i>Chairs: Changyong Cao, Jack Xiong</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>Coffee Break (20 minutes)</i>			<i>15:10</i>
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
<i>ADJOURN FOR DAY</i>			<i>17:10</i>

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

<b>Session 4b: ATMS/CrIS SDR Science Breakout Session</b>			<b>13:30 – 17:10</b>
<i>Chairs: Fuzhong Weng, Yong Han, Dave Johnson</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
Tiger Yang	UMD/ESSIC	Advanced radiance transformation system (ARTS) and its applications for ATMS TDR processing	13:30
Xiaolei Zou	FSU	ATMS de-stripping 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
<i>COFFEE BREAK (20 minutes)</i>			<i>15:10</i>
Degui Gu	NGAS	NGAS Support for ATMS cal/val	15:30
Ninghai Sun	STAR	STAR independent assessment of J1 TVAC	15:50
<i>CrIS SDR Breakout Session</i>			
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
<i>ADJOURN FOR DAY</i>			<i>17:10</i>

**Tuesday May 13, 2014 (Conference Room C)**

<b>Session 4c: OMPS SDR Science Breakout Session</b>			<b>13:30 – 17:00</b>
<i>Chairs: Fred Wu, Glen Jaross</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (20 Minutes)</i>			<i>15:10</i>
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
<i>ADJOURN FOR DAY</i>			<i>17:00</i>





**Wednesday May 14, 2014 (Auditorium)**

<b>Session 4a: VIIRS SDR Science Breakout Session Cont.</b>			<b>08:30 – 12:00</b>
<i>Chairs: Changyong Cao, Jack Xiong</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
S. Blonski	CICS	Resolving RSB Performance Issues	08:30
J.Xiong, J.Fulbright	NASA	Reducing Uncertainties in Onboard Calibration	08:50
Uprey	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
<i>COFFEE BREAK (10 Minutes only)</i>			<i>10:10</i>
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
<i>LUNCH BREAK</i>			<i>12:00</i>

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

<b>Session 4b: ATMS/CrIS SDR Science Breakout Session Cont.</b>			<b>08:30 – 11:20</b>
<i>Chairs: Fuzhong Weng, Yong Han, Dave Johnson</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (10 Minutes only)</i>			<i>10:10</i>
CrIS SDR Group Discussion			10:20-11:20
<i>ADJOURN SESSION</i>			<i>11:20</i>

**Wednesday May 14, 2014 (Conference Room C)**

<b>Session 4c: OMPS SDR Science Breakout Session</b>			<b>8:30 – 12:00</b>
<i>Chairs: Fred Wu, Glen Jaross</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (30 Minutes)</i>			<i>10:00</i>
Team Discussion (continued)			10:30
<i>LUNCH BREAK</i>			<i>12:00</i>



**Wednesday May 14, 2014 (Auditorium)**

<b>Session 5a: VIIRS Land Products Breakout</b>			<b>13:00 – 17:30</b>
<i>Chairs: Ivan Csizsar, Jeff Key</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
Peter Romanov, Igor Appel	CREST, IMSSG	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
<i>COFFEE BREAK (15 Minutes)</i>			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 Csizsar, 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
<i>ADJOURN FOR DAY</i>			<i>17:30</i>

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

<b>Session 5b: VIIRS Atmospheric Products Breakout</b>			<b>13:00</b>
<i>Chair: Ingrid Guch</i>			<b>- 17:00</b>
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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	
<i>COFFEE BREAK (20 minutes)</i>			<b>15:00</b>
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
<i>ADJOURN FOR DAY</i>			<b>17:00</b>

**Wednesday May 14, 2014 (Conference Room C)****SST= Sea Surface Temperature Group****OC= Ocean Color Group**

<b>Session 5c: VIIRS Ocean Products Breakout Session</b>			<b>13:30 – 17:00</b>
<i>Chair: Paul DiGiacomo</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>(SST) Group Discussion, Future work</i>			14:35
<b><i>COFFEE BREAK (20 minutes)</i></b>			<b><i>15:10</i></b>
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
<i>(OC) Group Discussion, Future work</i>			16:30
<b><i>ADJOURN FOR DAY</i></b>			<b><i>17:00</i></b>

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

<b>Session 5d: Soundings Breakout Session</b>			<b>11:20 – 17:30</b>
<i>Chairs: Mark Liu, Tony Reale</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>LUNCH BREAK</i>			<i>12:00</i>
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
<i>COFFEE BREAK</i>			<i>15:10</i>
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
<i>ADJOURN FOR DAY</i>			<i>17:30</i>

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

<b>Session 5: Ozone EDR Science Breakout Session</b>			<b>13:30 – 17:10</b>
<i>Chairs: Larry Flynn, Mario Caponi</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<i>COFFEE BREAK (20 Minutes)</i>			<i>15:10</i>
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
<i>ADJOURN FOR DAY</i>			<i>17:10</i>

**Thursday May 15, 2014 (Auditorium)**

<b>Session 6: Plenary Non-NOAA Satellite Data</b>			<b>08:30 – 10:10</b>
<i>Chairs: Paul DiGiacomo, Mitch Goldberg</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
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
<b>COFFEE BREAK</b>			<b>10:10</b>



**Thursday May 15, 2014**

<b>Session 7: User Breakouts Session (Splinter Meetings)</b> <i>Chairs: Mitch Goldberg, Ingrid Guch</i>			<b>10:30 – 14:30</b>
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Room</b>
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
<b>LUNCH BREAK</b>			<b>12:00</b>
<b>SESSION RESUMES</b>			<b>Time</b>
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)**

<b>Session 8: Plenary - Transition to Operations</b>			<b>14:30 - 17:00</b>
<i>Chairs: Walter Wolf, Tom Schott, Pat Purcell</i>			
<b>Presenter</b>	<b>Affiliation</b>	<b>Title</b>	<b>Start time</b>
Eric Gottshall	JPSS DPA	JPSS Algorithm Change Process	14:30
Tom Schott	NOAA/OSD	NESDIS Unique Product (NUP) Development	14:50
<i>COFFEE BREAK (20 minutes)</i>			<i>15:10</i>
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
<i>ADJOURN FOR DAY</i>			<i>17:00</i>

## Friday May 16, 2014 (Auditorium)

Session 9: Plenary SDR/EDR Team Leads Reports Back			08:30-12:30
<i>Chairs: Lihang Zhou, Arron Layns</i>			
Presenter	Affiliation	Title	Start time
<b>Innovative Science Talks</b>			
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
<b>Team Leads Reports</b>			
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
<b>COFFEE BREAK (10 Minutes only)</b>			<b>10:20</b>
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
<b>ADJOURN MEETING</b>			<b>12:30</b>

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

- 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 maneuver and regular 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 Csizar
- 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**  
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- 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
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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:**

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**Title:**

Comment/ Recommendation (include presentation section and page #)

**Rationale:**

**Clarification:**

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