CSPP Users' Group Meeting 2022 Program
Agenda 20 June 2022

21 June 2022 Tuesday			
	Session: Global Direct Broadcast Applications		
8:00 - 9:00	Registration		
9:00 - 9:30	Welcome Remarks and Logistics Introductions	CSPP Team	UW-Madison
9:30 - 10:00	Rethinking how Satellite Data are Transformed into Actionable Insights for Fire Applications	Mike Pavolonis	NOAA/NESDIS
10:00 - 10:30	The Role of Direct Broadcast for Low Latency Applications	Mitch Goldberg	NOAA/NESDIS
10:30 - 11:00	*Break (Including Group Photo)*		
11:00 - 11:30	The Use of CSPP For NWP Assimilation of Direct Broadcast Satellite Data	Bill Smith	SSEC/Hampton University
11:30 - 12:00	CSPP GEO and LEO use at the National Laboratory for Earth Observation	Alejandro Aguilar Sierra	LANOT UNAM, Mexico
12:00 - 13:00	*Lunch*		
13:00 - 13:30	CSPP LEO and Geo at the Meteorological Service of Canada	Matt Arkett	Environment Canada
13:30 - 14:00	A High-Latitude Proving Ground for CSPP LEO Software	Jennifer Delamere	GINA/University of Alaska Fairbanks
14:00 - 14:30	EARS – The EUMETSAT Advanced Retransmission Service	Nicholas Coyne	EUMETSAT
14:30 - 15:00	*Break*		

15:00 - 15:30	Overview of Fengyun Program and DB Service Preparation of FY-3E	Peng Zhang	NSMC/China Meteorological Administration
15:30 - 16:00	Direct Readout Activity in the Meteorological Satellite Center (MSC)/Japan Meteorological Agency (JMA)	Toshiyuki Kitajima	Japan Meteorological Agency
16:00 - 16:30	Direct Broadcast Satellite Applications in the US National Weather Service (NWS) Pacific Region	William Aydlett	NWS Guam
16:30 - 17:00	Introduction of GK-2A LRIT Shipboard Reception System: What is it, and What are its Expected Benefits?	Woosung Park	SOLETOP Co., Ltd.
17:00 - 19:00	*Ice Breaker sponsored by SOLETOP Co., Ltd.*		
22 June 2022 Wednesday			
	Session: Current and Future US Satellite Program		
8:30 - 9:00	Status of the current and future NOAA GOES Programs	Andy Heidinger	NOAA/NESDIS GEO Senior Scientist
9:00 - 9:30	JPSS: Celebrating A Decade of Successful Operations of SNPP and Preparing for JPSS2 Launch	Satya Kalluri	NOAA JPSS Program Scientist
9:30 - 10:00	Preparing for the Future - GeoXO User Readiness Plans	Katherine Hawley	NOAA/STAR User Engagement Lead Scientist
10:00 - 10:30	The Current State of NOAA NESDIS Direct Satellite Services	Seth Clevenstine	NOAA/NESDIS Direct Broadcast Manager

10:30 - 11:00	*Break*		
	Session: CSPP LEO and Geo Software		
11:00 - 11:30	NOAA JPSS Products Update for CSPP Users	Lihang Zhou	NOAA JPSS
11:30 - 12:00	CSPP Past, Current, and Future	Allen Huang	SSEC/CIMSS
12:00 - 13:00	*Lunch*		
13:00 - 13:30	CSPP LEO Status and Plans	Liam Gumley	SSEC/CIMSS
13:30 - 14:00	CSPP Geo Status and Plans	Graeme Martin	SSEC/CIMSS
14:00 - 14:20	NOAA Algorithm Scientific Software Integration and System Transition Team (ASSISTT) Collaboration with CSPP Geo on L2 Product Software	Michael Butler	NOAA ASSISTT
14:20 - 15:20	*Poster Session including 1-minute Introductions* *Break*		
	Session: CSPP Support for United States Applications		
15:20 - 15:40	How Real-time NUCAPS Retrievals Benefit Science and Weather Forecasting	Nadia Smith	STC/SSEC
15:40 - 16:00	Leveraging CSPP for Student Engagement and CIMSS Social Media	Margaret Mooney	SSEC/CIMSS
16:00 - 16:20	Using CSPP Software to Create Compelling Imagery That Tells a Good Story	Scott Lindstrom	SSEC/CIMSS
16:20 - 16:40	Satellite to Browser in ~35 minutes: Direct Broadcast VIIRS in RealEarth	Sam Batzli	SSEC/CIMSS
16:40 - 17:30	*Discussion - CSPP User Guidance*		
	Dinner at the Pyle Center sponsored by CPI/Orbital Systems, LLC		

23 June 2022 Thursday			
8:30 - 9:00	Direct Broadcast and Processing of IASI observations in Lannion, France Versus Global Processing : a Near Real-time Monitoring Website	Mathieu Asseray	Météo-France
9:00 - 9:30	Cloud Detection and Classification Algorithms for Himawari-8 Imager Measurements Based on Deep Learning	Feng Zhang	Fudan University, China
	Session: New and Emerging Technologies		
9:30 - 10:00	Using CSPP in Event-Driven Workflows on Amazon Web Services	Rus Healy	Amazon Web Services
10:00 - 10:30	CSPP Geosphere: Transforming Packets to Interactive Imagery in a Cloud Environment	David Hoese	SSEC
10:30 - 11:00	*Break*		
11:00 - 11:20	NASA TROPICS Pathfinder Low Latency Data Demonstration Results	Shawn Donnelly	MIT Lincoln Laboratory
11:20 - 11:40	Low Latency Direct Broadcast Data Products using Ground Station Observation Network (GSON) and Amazon Ground Stations	Louis Nguyen	NASA Langley
11:40 - 12:00	Leveraging CSPP: Building a Cloud Based Direct Broadcast Processing System	Thad Chee	SSAI/NASA Langley
12:00 - 13:00	*Lunch*		
13:00 - 13:20	NOAA Direct Broadcast Real-Time Network: Providing Low Latency Sounder Data to the WMO DBNet	Liam Gumley	SSEC/CIMSS
13:20 - 13:40	Ultra-Low Latency System for Producing VIIRS, CrIS, and MODIS Products within 60 Seconds of Observation	Bruce Flynn	SSEC
13:40 - 14:00	What Happened to Orbital Systems?	OJ Maeland	CPI/Orbital Systems, LLC

	Session: Direct Broadcast Satellite Data Analysis		
14:00 - 14:20	Aging Gracefully in the EOS Satellite Constellation	Jeremy Jacobsohn	SAIC/NASA Goddard
14:20 - 14:40	*Break*		
14:40 - 15:00	Study of the Sahelian Climate using Satellite Data	Bouya Diop	Université Gaston Berger de Oral Saint Louis, Senegal
15:00 - 15:20	Data Fusion Experiments Using NUCAPS and TROPOMI	Tommy Jasmin	SSEC/CIMSS
15:20 - 15:40	The Hidden Users of CSPP	Kathy Strabala	SSEC/CIMSS
15:40 - 17:00	*Discussion - Future of Satellite Low Latency*		
17:00	Meeting Adjourned		

Poster Presentations

P1: NOAA Level 2 Geophysical Products from JPSS VIIRS, OMPS, CrIS, and ATMS: Overview and Status of Releases via CSPP	Bonnie Reed	STC
P2: Withdrawn.		
P3: Surface Temperature, Dewpoint, and Emissivity Assessment of CSPP HEAP v2 NUCAPS v3r0 Product	Robert Knuteson	SSEC
P4: CSPP VIIRS Surface Reflectance and Vegetation Index	Nick Bearson	SSEC/CIMSS
P5: Near Real Time Active Fires and GAASP Level-2 Products Via Direct Broadcast Using the Community Satellite Processing Package	Geoff Cureton	SSEC/CIMSS
P6: Recent Updates to CSPP Implementations of NOAA Enterprise ACSPO, HEAP & MIRS	James Davies	SSEC/CIMSS
P7: Satellite-derived Winds from VIIRS: Status and Outlook	Dave Santek	SSEC/CIMSS
P8: CSPP Geo Gridded GLM	Nick Bearson	SSEC/CIMSS