



Welcome to the GSICS Users Workshop

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GSICS Users' Workshop
August 11 2016



2016 Users' Workshop

**Welcome to the GSICS Users' Workshop 2016 on 11 Aug 2016 at
NOAA NCWCP, College Park, MD USA
as part of the JPSS Annual Science Team Meeting 8-12 Aug 2016**

欢迎

歡迎

환영합니다

Bienvenue

Willkommen



GSICS Users Workshop, ESSIC/UMD Room 4201



Logistics

- If you have pre-ordered lunch, it will be waiting for you in the conference room across the street in the NCWCP. There is a deli in the building serving lunch.
- Posters are also displayed across the street in the NCWCP atrium. I apologize for not having a true break for viewing.
- Restrooms are down the hall to the left before you go out to the elevators.
- Please provide see me at the break or email me (lawrence.e.flynn@noaa.gov) your presentations if we do not already have them.
- Please provided final versions of your presentation for release to the public by next Wednesday.
- Group Photo is scheduled before first coffee break.



Lofty Goals

- Applications of current GSICS products,
- GPRC resources (e.g., Calibration/Validation Systems, Long Term Monitoring, Instrument Landing Pages, and Monitoring notices, alerts and summaries),
- Interactions between data assimilation groups and measurement calibration, characterization and monitoring teams,
- Introduction to the NESDIS Integrated Calibration Validation System (ICVS) design and content, www.star.nesdis.noaa.gov/icvs/
- Introduction to upcoming GSICS products and research areas (e.g., GEO Ring, GOES-R on-orbit calibration),
- Practical experience in the use of JPSS Mission and other instruments as references for Monitoring GEO/LEO instrument measurements in Near Real Time and Climate Data Record applications, and
- Calibration advances (e.g., Lunar, Deep Convective Cloud, Reference Migration, Best Practices).



Morning Agenda

Session 12: GSICS Users Workshop ESSIC Room 4201

0830 - 0835	Session Introduction	Chair - L. Flynn
0835 - 0845	Introduction to GSICS Workshop	Mitch Goldberg
0845 - 0900	GSICS Past Present and Future	Ken Holmlund
0900 - 0915	GSICS Research Working Group	Fred Wu for D. Kim/T. Hewison
0915 - 0930	GSICS Data Working Group	Masaya Takahashi
0930 - 0945	GCC GSICS Products and Deliverables	Larry Flynn
0945 - 1000	GSICS User Survey	Manik Bali
1000 - 1015	Break	
1015 - 1030	Well Calibrated JPSS Instruments as GSICS References	Fuzhong Weng
1030 - 1045	ICVS Design, content and structure	L. Brown
1045 - 1100	ICVS Calibration and science	N Sun
1100 - 1115	ICVS Alerts, events and monitoring	N Sun
1115 - 1120	MW Session Introduction	Chair - R. Ferraro
1120 - 1140	Investigating Shortcomings of Radiative Transfer Models at Microwave Frequencies	Wesley Berg
1140 - 1200	Stability and Interconsistency of Passive Microwave Water Vapor Products for Weather and Climate	J. Forsythe
1200 - 1220	What Happens to Radiances after They Leave Home: Precipitation	G. Huffman
1220 - 1240	Toward Long-Term Climate Change Monitoring in the JPSS Era	Cheng-Zhi Zou
1240 - 1245	Closing	Ralph Ferraro
1245 - 1330	Lunch	



Afternoon Agenda

Session 12: GSICS Users Workshop ESSIC Room 4201

1245 - 1330		Lunch	
1330 - 1445		IR Session	Chair - Fred Wu
1330 - 1345		Inter-Calibration with Hyperspectral Sounders	Fred Wu
1345 - 1350		Inter-Calibration of HIRS using IASI as Reference	Fred Wu on behalf of Tim Hewison
1350 - 1410		Inter-Calibration of Himawari-8 AHI Using CrIS as Reference	Masaya Takahashi
1410 - 1425		TBA	Pradeep Thapliyal
1425 - 1445		Calibration Requirements for SST	Andy Harris and Eileen Maturi
1445 - 1530		VIS Session	Chair - Dave Doelling
1445 - 1500		GSICS visible sub-group calibration activities	Dave Doelling
1500 - 1515		MODIS and VIIRS Reflective Solar Calibration Update	Jack Xiong
1515 - 1530		PATMOS-x Reflective Solar Calibration Status	Andy Heidinger
1530 - 1545		Poster Session 3 - NCWCP Atrium	
1545 - 1600		Preliminary SCIAMACHY Lunar observations as intercalibration source	Matthijs Krijger
1600 - 1615		The Moon and Earth Radiation Budget Experiment (MERBE)	Grant Matthews
1615 - 1630	--	Instrument landing pages, OSCAR	L. Flynn, M. Bali
1630 - 1645	--	UV Projects	L. Flynn
1645 - 1700	--	Discussions and Conclusions	



Weclome
