2025 STEREO Science Team Meeting

Meeting Location: APL, South Campus, Building 200, Room E273

#	Time (EST)	Name	Affiliation	Attendence Type	Talk Title
March 3					
1	10-10:05	Terry Kucera, Angelos Vourlidas	NASA GSFC, JHU APL	In person	Introduction and logistics
2	10:05-10:20	Daniel Wilson	JHU APL	Virtual	STEREO s/c heath and status
3	10:20-10:30	Brian Wood	NRL	In person	SECCHI report
4	10:30-10:40	Toni Galvin	UNH	In person on Monday	PLASTIC report
5	10:40-10:50	Christina Lee	UC Berkeley	Virtual	IMPACT report
6	10:50-10:55	Hanying Wei	UCLA	Virtual	MAG team report
7	10:55-11:05	Keith Goetz & Stuart Bale	UMN, UC Berkeley	Virtual	SWAVES report
	11:05-11:20				**Morning break**
8	11:20-11:40	Terry Kucera	NASA GSFC	In person	STEREO senior review
9	11:40-11:50	Shaela Jones	CUA, NASA GSFC	In person	SSC operating status
10	11:50-12:00	Lan Jian	NASA GSFC	In person	Archiving and registry status of STEREO data and other science products
11	12:00-12:15	Nicki Viall-Kepko	NASA GSFC	In person	Synergies between STEREO and PUNCH
12	12:15-12:30	Jackie Davies	STFC UKRI	Virtual	Synergy with the work on PUNCH and Vigil
1	1:45-2:00	Brenda Dorsch	Royal Obs. Belgium, KU Leuven	Virtual	Statistical study of prominence eruptions in the wide field of view of Solar Orbiter/EUI/FSI
2	2:00-2:15	Abril Sahade	NASA GSFC NPP	In person	Improving 3D reconstruction of erupting prominences with 3 viewpoints
3	2:15-2:30	Seiji Yashiro	CUA, NASA GSFC	In person	Estimating GOES equivalent flare size from EUVI observations
4	2:30-2:45	Nariaki Nitta	LMSAL	In person	STEREO observations of far-side events
5	2:45-3:00	Shaela Jones	CUA, NASA GSFC	In person	Using coronagraph images to examine the magnetic structure of the solar corona
	3:00-3:15				**Afternoon break**
6	3:15-3:30	Vadim Uritsky	CUA, NASA GSFC	In person on Monday	Coronagraphic reconstruction of the open-field solar corona using QRaFT technique
7	3:30-3:45	Hong Xie	CUA, NASA GSFC	In person on Monday	GCS fitting of flux ropes using HI data
8	3:45-4:00	Brian Wood	NRL	In person	Testing the CME flux rope paradigm using multi-spacecraft observations of an event from 2023 November 28
9	4:00-4:15	Sophie Musset	JHU APL	In person	Looking for counterparts of coronal jets in STEREO/SECCHI with citizen science
10	4:15-4:30	Jesus Nuñez	INPE, Brazil	In person	Variations in the flow of cosmic ray by CME: New insights from heliospheric imagers

March 4

1	9:30-9:45	Robert Allen	SWRI	Virtual	The radial variation of suprathermal particles in stream interaction regions: Comparisons between Solar Orbiter, ACE, and STEREO-A
2	9:45-10:00	Nishu Karna	SAO	Virtual	Multi-spacecraft observations of long-duration high-speed-stream from coronal holes
3	10:00-10:15	Tongjiang Wang	CUA, NASA GSFC	Virtual	Reconstruction of 3D coronal electron density from solar min to max of solar cycle 24 by improved tomography
4	10:15-10:40	Janet Luhmann	UC Berkeley	Virtual	In-situ effects of the solar polar field reversals during STEREO era
5	10:40-10:55	Christina Lee	UC Berkeley	Virtual	for Sarah Henderson: Cataloging stream interaction regions at MAVEN: A cross-comparative study with STA
	10:55-11:10				**Morning break**
6	11:10-11:25	Christina Kay	JHU APL	In person on Tuesday	deriving CME mass from STEREO, python-based GCS GUI
7	11:25-11:40	Bin Zhuang	UNH	Virtual	Tracking the evolution of CME substructures from the corona to interplanetary space: 2022 Sept 23 event
8	11:40-11:55	Sanchita Pal	NASA GSFC NPP	In person	Revealing the interactions of multiple magnetic ejecta by engaging multipoint observations from STA and Wind during the historic May 2024 geomagnetic storm
9	11:55-12:10	Sahanaj Banu	UNH	In person	Multi-spacecraft measurements of CMEs using STA and Wind
10	12:10-12:25	David Malaspina	LASP	Virtual	Identification of a solar rotation modulation of the zodiacal dust at 1 AU
1	1:30-1:45	Natchimuthuk Gopalswamy	NASA GSFC	In person	STEREO input in understanding backside solar gamma-ray events
2	1:45-2:00	Pertti Makela	CUA, NASA GSFC	In person	DH type II catalog
3	2:00-2:15	Mike Reiner	UMD College Park	In person	Insights into type III radio source locations deduced from the electron exciter beam kinematics
4	2:15-2:30	Atual Mohan	CUA, NASA GSFC	Virtual	Exploring the effect of directivity in Decameter-Hectometric radio bursts using STEREO and Wind spacecraft
5	2:30-2:45	Fernando Carcaboso	NASA GSFC NPP	In person	Variation of suprathermal electron anisotropy as seen by SWEA
6	2:45-3:00	Samuel Hart (for Mihir Desai)	SWRI	Virtual	A tool to visualize the suprathermal spectrum for space weather applications (now at CCMC)
	3:00-3:15				**Afternoon break**
7	3:15-3:35	Wenwen Wei	UC Berkeley	Virtual	CME and SEP observations at STA and Earth during May 2024 solar storm activity
					2022 event using STA data
8	3:35-3:50	Allan Labrador	Caltech SRL	In person	ML approach to surveying SEP event decay phases
9	3:50-4:00	Hanying Wei	UCLA	Virtual	Statistical studies of interplanetary field enhancement
10	4:00-4:15	Yingdong Jia	UCLA	Virtual	Reconnection at interacting magnetic flux ropes observed by STEREO and MMS in the solar wind
11	4:15-4:20	Lika Guhathakurta	NASA HQ	Virtual	Concluding remarks