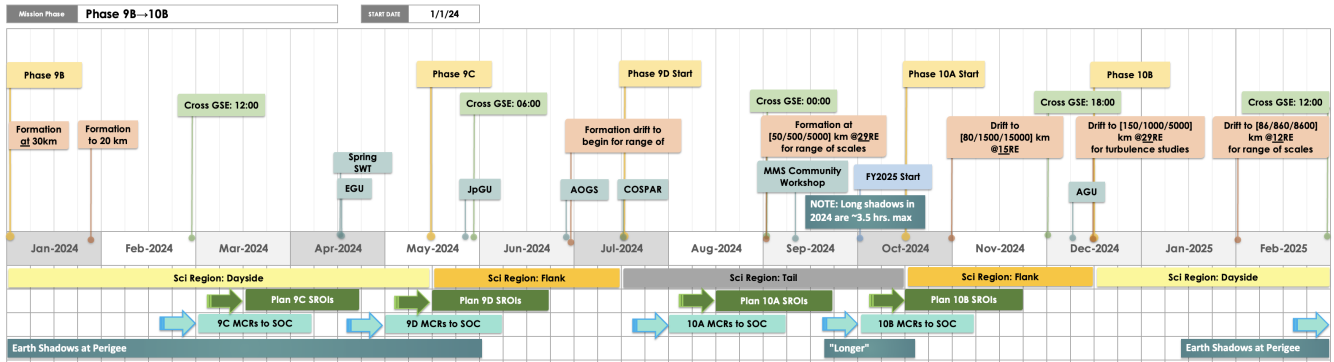


MMS Science Working Team Home

r cCon

MMS Mission Annual Timeline



MMS Workshops

MMS Workshops

10th MMS Community Workshop
University of California,
Los Angeles

Save the Dates:

Team Splinter Meetings,
September 16, 2024 (Monday)

Workshop dates: September 17-19,
2024 (Tuesday-Thursday)

MMS Science Telecons

Tuesdays, 10:00 am |
Central US Time | 1 hour

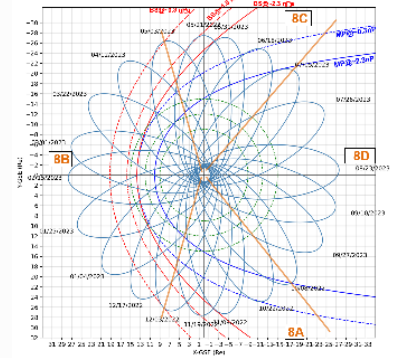
Join the Meeting

April 30, 2024

Break. Fifth Tuesday

**NOTE for those that visit NASA
Goddard** – A new Main Gate entrance
and badging office on ICESat Road is
operational (see [map](#)). The new badging
office in Building 17 is intended to
provide an improved experience for
visitors and employees.

Orbits / Formations / SROs - Year 8

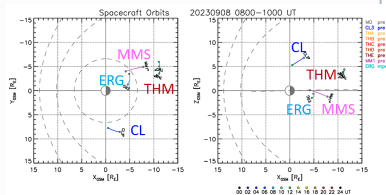


Find previous Years / Orbit Phases /
SRO maps here



Collaboration Opportunity

Phase 8D Multi-mission Conjunction Opportunity



>3 missions conjunctions with
MMS, ARASE, THEMIS and/or
Cluster, some with foot point in
North-American sector

Presentation by Nakamura, Y.
Miyoshi, N. Kitamura: MMS-
ARASE Conjunction observations
during Phase 8d.(9a) - [slides
attached here.](#)

SCHEDULE	Jan-2024	Feb-2024	Mar-2024	Apr-2024
1 st Tuesday	Team 13	Team 17	Team 21	Team 1
2 nd Tuesday	Team 14	Team 18	Team 22	Team 2
3 rd Tuesday	Team 15	Team 19	Team 23	Team 3
4 th Tuesday	Team 16	Team 20	Team 24	Team 4
5 th Tuesday, if any	Break	Break	Break	Break

SCHEDULE	May-2024	Jun-2024	Jul-2024	Aug-2024
1 st Tuesday	Team 5	Team 9	Team 13	Team 17
2 nd Tuesday	Team 6	Team 10	Team 14	Team 18
3 rd Tuesday	Team 7	Team 11	Team 15	Team 19
4 th Tuesday	Team 8	Team 12	Team 16	Team 20
5 th Tuesday, if any	Break	Break	Break	Break

SCHEDULE	Sep-2024	Oct-2024	Nov-2024	Dec-2024
1 st Tuesday	Team 21	Team 1	Team 5	Team 9
2 nd Tuesday	Team 22	Team 2	Team 6	Team 10
3 rd Tuesday	Team 23	Team 3	Team 7	Team 11
4 th Tuesday	Team 24	Team 4	Team 8	Team 12
5 th Tuesday, if any	Break	Break	Break	Break

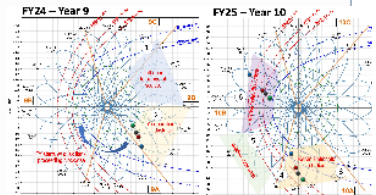
SCHEDULE	Jan-2025	Feb-2025	Mar-2025	Apr-2025
1 st Tuesday	Team 13	Team 17	Team 21	Team 1
2 nd Tuesday	Team 14	Team 18	Team 22	Team 2
3 rd Tuesday	Team 15	Team 19	Team 23	Team 3
4 th Tuesday	Team 16	Team 20	Team 24	Team 4
5 th Tuesday, if any	Break	Break	Break	Break

Team #	Group	Lead
1	Project → PI, PS, MOC, SOC	Jim Burch
2	UNH	Matt Argall, Roy Torbert
3	NASA GSFC	Dan Gershman
4	NASA/Ames	Michael Hesse
5	IWF- Austrian Academy of Sciences	Owen Roberts, Rumi Nakamura
6	SWRI	Stephen Fuseller
7	UCLA	Hanying Wei, Chris Russell
8	APL/Aerospace	Ian Cohen, Barry Mauk
9	Rice	Pat Reiff
10	Dartmouth	Yi-Hsin Liu, Richard Denton
11	UMD	Jim Drake / Marc Swisdak
12	GSFC – non-FPI	Guan Le / Li-jen Chen / David Sibeck
13	U Colorado	Narges Ahmadi / Bob Ergun
14	UC Berkeley	Tai Phan / Mitsuo Oka
15	JAXA ISAS, U Tokyo	Yoshifumi Saito / Naritoshi Kitamura / Hiroshi Hasegawa
16	IRF- Swedish Instit of Space Physics	Daniel Graham / Yuri Khotyaintsev
17	MMS Deputy PI	Kevin Genestreti
18	CNRS LPP	Oliver LeContel
19	IRAP, Bordeaux, U Murcia	Benoit Laroed / Sergio Toledo-Redondo
20	U Mich	Tamas Gombosi, Jim Slavin
21	Imperial College, U Southampton	Julia Stawarz / Imogen Gingell / Jonathan Eastwood
22	U Delaware	Bill Matthaeus
23	Early Career Journal Club	All the Early Career PIs
24	KTH- Royal Institute of Tech	Pier-Arne Lindqvist / Andris Vaisady / Tomas Karlsson

Note: We can shift the order of the teams as best suit's everyone's schedules



FY24-FY25 Formation Change



Details submitted to the MOC
/SOC
2023 Senior Review Proposal



MMS CMAD

MMS Calibration and Measurement Algorithms Document (CMAD)

v2.0 Released 22 November 2022

includes and supersedes previous Instrument User Guides

[Appendix G - CMAD - MMS_SeniorReview2023_v22Nov2022.pdf](#)

Comments/Additions are always welcome. Send those to Ashley King (ashley.k.barrett@nasa.gov), who will forward them to the appropriate team for inclusion.

When hosting, please feel free to think broadly about your approach. For example,

- It is perfectly fine to have fewer, longer presentations rather than the standard three short presentations.
- Consider simply leading a discussion of an open question, a new event, or an analysis /simulation tutorial.
- Invite people to present that are "further afield" than your own team. (e.g., a newly published paper of interest.)
- If your week overlaps with a major conference or MMS SWT meeting, please anticipate that telecon will be cancelled.

As always, every host prioritizes anyone from across our community that wishes to present their new material for feedback from the team, especially to check the use or interpretations of the datasets.

If you are a "late breaking" co-author addition to an about-to-be submitted paper, it is a good practice to ask the author of that paper to present at this forum.



Special Issues

Physics of Plasmas "Plasma Physics from the Magnetospheric Multiscale Mission"

Closed for submissions, the Special Issue is available online [here](#). A limited number of hard copies will be printed and distributed. More details to come soon.

Guest Editors: [Julia E. Stawarz](#) (Imperial College London) and [Kevin Genestreti](#) (Southwest Research Institute)

Links to Other Meetings:

[2023 US-Japan Workshop on Magnetic Reconnection](#), from Jun. 26 to Jun. 29, 2023, at Daiwa Royal Hotel, Ise Shima, Japan

Links to Previous Meetings:

- [MMS Spring 2024 Science Working Team Meeting](#) (SwRI, TX)
- [MMS Fall 2023 SWT Meeting](#), The Hotel at The University of Maryland,
- 9th MMS Community Workshop, hosted by LASP, June 2023, <https://sites.google.com/view/9th-mms-community-workshop/>
- Geotail Symposium, <https://sprg.isas.jaxa.jp/Geotail30/>
- MMS Fall 2022 Virtual SWT, hosted by LASP, <https://lasp.colorado.edu/galaxy/x/3waGBw>
- MMS ISSI Workshop (June 27-July 1, 2022)
- 8th MMS Community Workshop, hosted by Embry-Riddle University, Spring 2022 <https://commons.erau.edu/mms-conference/2022/>
- MMS Fall 2021 Community Workshop, Waterville Valley NH <https://swri-eos.unh.edu/mmsatw/> - <https://lasp.colorado.edu/galaxy/x/qJH4BQ>
- MMS Spring 2021 Virtual SWT <https://lasp.colorado.edu/galaxy/x/CoF7BQ>
- MMS Fall 2020 Virtual SWT <https://lasp.colorado.edu/galaxy/x/55uxB>
- MMS Spring 2020 Virtual SWT <https://lasp.colorado.edu/galaxy/x/KUm9Aw>
- [Previous SWT meeting presentations](#)

Want to add a meeting to this list? Please feel free to log in and hit that "edit" button.
(both at the upper right corner of the screen).

Operations and Software

- [Payload Ops Center](#)
- [SITL Homebase](#)
- [MMS Payload Status](#)
- [SPDF Orbit Plots \(now 3 years\)](#)
- [FPI Team Area](#)
- [SPEDAS for MMS](#)
- [TDAS Tutorial](#)

Administrative

- **MMS Publications**
[LASP site](https://lasp.colorado.edu/galaxy/display/mms/MMS+Publications)
<https://lasp.colorado.edu/galaxy/display/mms/MMS+Publications>
[Web of Science](https://www.webofscience.com/wos/author/record/1530218)
<https://www.webofscience.com/wos/author/record/1530218>
[Google Scholar](https://scholar.google.com/citations?user=OWZfs-4AAAAJ)
<https://scholar.google.com/citations?user=OWZfs-4AAAAJ>
- **Public Outreach** (Proposed Highlights, Press Releases)
- **NASA Conference Tracking**
- **SWT Mailing List**
- **Photo Gallery**
- **Mission Success - Program Level Requirements**
- **2020 Senior Review Proposal**
- **2023 Senior Review Proposal**
- **2010 Project Data Management Plan**

Data and Standards

- **Data Rights and Rules for Use**
- **MMS Team File Share Point**
- **Science Data Center**
- **Data Product Levels**
- **Data Products List**
- **Coordinate Systems Spec**
- **Ephemeris/Attitude info**
- **Units of Measure**
- **File Name and CDF Standards**
- **Plot Standards** <- COLORS
- **CDF and SPASE info**
- **Data Processing: MEC transition, Data Validation**
- **DOI**
- **Acknowledging MMS-funded publications**