

# **MMS SCIENCE WORKING TEAM MEETING AGENDA**

01-04 Oct 2017, Regency Hotel, Portland ME

## **Sunday, 01 Oct. PM, Rms. TBD**

**Part 1A:** Team Splinters **Chairs:** Team Leads

13:00 **Rm TBD:** SOC Team

13:00 **Rm TBD:** SITL/Burst Team

13:00 **Rm TBD:** FPI Team Meeting

13:00 **Rm TBD:** Fields Team Meeting

13:00 **Rm TBD:** EPD Team Meeting

13:00 **Rm TBD:** HPCA Team Meeting

13:00 **Rm TBD:** TMDA Team Meeting

ASPOC meets with other teams as desired and appropriate

## **Sunday, 01 Oct PM Rm. TBD**

**Part 2:** Science Working Group **Chairs:** J L Burch / T E Moore

16:00 Begin SWG Meeting (Limited to SWG membership) Rm. TBD

18:00 Adjourn

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## **Monday, 02 Oct. AM, Rm. TBD**

**Part 1B:** Team Splinters    **Chairs:** Team Leads

08:30 **Rm TBD:** FPI Team Meeting

08:30 **Rm TBD:** Fields Team Meeting

08:30 **Rm TBD:** EPD Team Meeting

08:30 **Rm TBD:** HPCA Team Meeting

08:30 **Rm TBD:** TMDA/IDS Team Meeting

ASPOC meets with other teams as desired and appropriate

12:00 Lunch, Poster Session TBD

## **Monday, 02 Oct PM: Rm. TBD**

**Part 3A:** Operations Status    **Chair:** Thom Moore/Jim Burch

13:30 Moore: Welcome and Meeting Agenda Overview

13:45 Kessel: HQ Perspective and Senior Review

14:00 Burch: Project Update / SWG Report

14:15 Lounsbury: Mission Operations

14:45 Smith: Science Instrument Operations

15:15 Coffee Break

15:30 Pankratz: MMS Data Management

15:45 Larsen: SDC Operations and Outlook

16:15 Garrison: E/PO Update and Future Opportunities

16:30 TBD: Phase 3 Operations Update

16:45 TBD: New EDR events from Phase 2

## **Monday, 02 Oct EVE TBD**

Casco Bay Cruise?

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**Tuesday, 02 Oct AM, Rm. TBD**

**Part 3: Science Presentations      Chair: TBD**

08:30 Burch: Presentation to Senior Review Panel  
09:00 Nakamura R: Thin current sheets during substorm dipolarization  
09:15 Nakamura T: K-H reconnection in observations and simulations  
09:30 Fuselier: Reconnection and magnetospheric ions  
09:45 Trattner - Anti-parallel versus component dayside reconnection

10:00 Coffee Break  
10:15 Petrinec: Reconnection along the dawn and dusk magnetopause  
10:30 Mouikis: Substorm impacts on plasma sheet composition  
10:45 Broll - Ion exhaust distributions global MHD test particles  
11:00 Pritchard – Ohm's law in a reconnection electron diffusion region  
11:15 Gomez – Pickup ions upstream of the Earth's bow shock  
11:30 Chen – Magnetotail EDR Event

12:00 Lunch, Poster Session TBD

**Tuesday, 02 Oct PM, Rm. TBD**

**Part 4: Science Presentations      Chair: TBD**

13:00. TBD Team Nominations  
13:15.  
13:30.  
13:45.  
14:00.  
14:15.  
14:30.

15:00 Break  
15:15.  
15:30.  
15:45.  
16:00.  
16:15.  
16:30.  
16:45.

**Tuesday, 03 Oct EVE Rm. TBD**

Reception, Brewpub dinner

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**Wednesday 04 Oct AM, Rm. TBD**

**Part 5: Science Presentations      Chair: TBD**

08:30. TBD: Team Nominations

08:45.

09:00:

09:15:

09:30.

09:30:

09:45:

10:00 Coffee Break

10:15.

10:30.

10:45.

11:00.

11:15.

11:30.

11:45:

12:00 Lunch, Poster Session TBD

**Wednesday, 03 Oct PM, Salon B**

**Part 6: Science Presentations      Chair: TBD**

13:00. TBD: Team Nominations

13:15.

13:30.

13:45.

14:00.

14:15.

14:30.

14:45.

15:00 Break

15:15.

15:30.

15:45.

16:00.

16:15.

16:30.

# MMS SCIENCE WORKING TEAM MEETING AGENDA

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AGU papers by team members from our MMS session:

Rager: Current sheet crossings at 7.5 ms resolution  
Paterson: Vorticity near Reconnection Sites  
Mackler: Turbulence in magnetotail  
Sturmer: Remagnetization distance in the exhaust region  
Toth: Global modeling with kinetic reconnection  
Alm: Two ion-scale flux ropes  
Broll: Ion exhaust distributions and global MHD  
Arnold: Flows around a dipolarization Front  
Smith: Cold ions in flux transfer events  
Swisdak: Structure of EDR in asymmetric antiparallel case  
Zhang: Hall system in the exhaust region  
Argall: Wave particle interactions in the pile up region  
Ergun: Plasma waves and structures  
Fung: Radio emissions from reconnection at magnetopause  
Russell: Solar wind effects on subsolar magnetopause properties  
Zenitani: Electron dynamics near the asymmetric case X line  
Wendel: Field line conservation violation in PIC and MMS data  
Walker: Comparing magnetopause and magnetotail reconnection  
Hesse: Role of nongyrotropy in balancing the EDR  
Nakamura: Thin current sheets from MMS  
Sitnov: Energy conservation at dipolarization fronts  
Poh: Dissipating inertial scale flux ropes in dipolarization events  
Vernisse: Reconnection in K-H structures

Silveira: Survey of FTEs in the dayside magnetopause  
Rogers: IDR observations in the magnetotail  
Cassak, Genestretti: Guide field effect on local energy conversion  
Trattner: Antiparallel vs component reconnection on dayside  
Holmes: 3D structure of EM electron phase space holes  
Strangeway: FAC in the magnetotail  
Avanov: Strong plasma injections from MMS  
Stawarz: Poynting flux in magnetotail reconnection  
Zhao: Evolution of FTEs  
Genestretti: Energy conversion in asymmetric reconnection with guide field  
Torbert: Reconnection EDRs in the magnetotail  
Liang: Scaling of reconnection with guide field  
Shimoda: Detecting EDRs in high resolution data  
Che: Gyrotropy in magnetized plasmas  
Farrugia: Reconnection during subsonic solar wind flow