

MMS SCIENCE WORKING TEAM MEETING AGENDA

13-17 Jun. 2016, Blåsenhus, Uppsala University, Uppsala Sweden

Monday, 13 Jun. AM Instrument Team Splinters

Fields Team Meeting, Rm. 11:128
08:30 – 17:00

MAG Team Meeting, Rm. 11:129
08:30 – 17:00

EPD Team Meeting, Rm. 11:130
08:30 – 17:00

FPI Team Meeting, Rm. 13:028
08:30 – 17:00

HPCA Team Meeting, Rm. 13:027
08:30 – 17:00

ASPOC meets with other teams as appropriate

Lunch: for all days are in the same building as the meeting rooms (Blåsenhus) and will be right by the reception of the building.

18:00 – 20:00 Reception at the Gustavianum museum at Akademigatan 3, which can be found on the interactive map on the MMS SWT Meeting website:

<https://sites.google.com/site/mmsswtuppsala2016/>

A guided tour will be given with drinks and snacks.

MMS SCIENCE WORKING TEAM MEETING AGENDA

13-17 Jun. 2016, Blåsenhus, Uppsala University, Uppsala Sweden

Tuesday, 14 Jun AM: Rm. 10:K102 (Eva Netzelius hall)

Part 1: Operations Plenary 1 **Chair: T E Moore**

08:30 Gov. Peter Egart: Welcome to Uppsala

08:35 Moore: Welcome and Meeting Goals

08:45 Kessel: HQ Perspective

09:00 Jim Burch: Project Update

09:30 Woodard: Mission Operations Status and Issues

10:00 Williams: Extended Mission Orbit Plans

10:20 Coffee Break

10:40 Smith: Payload Operations Status and Issues

11:10 Larsen: SDC Operations Status and Issues

11:40 Garrison: E/PO Update and Opportunities

12:00 Lunch, Reception Area

Tuesday, 14 Jun PM

Part 2: Splinters

13:00 5 minute talks TBA

15:00 Break

15:30 Splinters:

* Rm. 12:004: Topic 5: FTEs & flux ropes, Lead: Jonathan Eastwood, Imperial College

* Rm. 13:028: Topic 8: Cross-calibration, Lead: Yuri Khotyaintsev, IRF-Uppsala

17:00 Adjourn

MMS SCIENCE WORKING TEAM MEETING AGENDA

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Wednesday, 15 Jun AM, 10:K102 (Eva Netzelius hall)

Part 3: Science Presentations **Chair:** G Le

08:00 Logistics update

[15 minute talks, with Q&A]

Giles: FPI Status and Overview

Avanov: Magnetopause crossings under northward IMF

Kacem: Structure and dynamics of FTEs observed by MMS

Lavraud: Electron scattering and bouncing near the EDR

Oieroset: Guide field symmetric reconnection in a flux rope

Karlsson: Forces acting on fast flow plasmas

10:00 Coffee Break

[15 minute talks, with Q&A]

Gershman: Kinetic-scale waves in a reconnection exhaust

Vernisse: Topologies induced by reconnection in KH

Cohen: Energetic particle interactions at the magnetopause

Drake: 3D PIC simulations of the MMS MO event

Graham: Currents and heating in the asymmetric IDR

Nakamura: Cold plasma near separatrix region

12:00 Lunch, Reception Area

Wednesday, 15 Jun PM, Rooms

Part 4: Splinters

13:00 Splinters

* Rm. 12:004: Topic 1: EDR, Lead: Jim Burch

* Rm. 13:028: Topic 4: Cold plasma & reconnection, Lead: Sergio Toledo-Redondo, ESA/ESAC

* Rm. 13:029: Topic 7: Shock, Lead: Steve Schwartz, LASP/IC

15:00 Break

15:30 Posters: Blåsenhus reception area (lunch spot)

18:30 Boat trip with dinner, drinks, & group photo onboard Kung Carl Gustaf. The boat leaves from Hamnplan 1, boat slip 1, see interactive map at <https://sites.google.com/site/mmsswtuppsala2016/>

MMS SCIENCE WORKING TEAM MEETING AGENDA

13-17 Jun. 2016, Blåsenhus, Uppsala University, Uppsala Sweden

Thursday, 16 Jun AM, Rm. 10:K102 (Eva Netzelius hall)

Part 5: Science Presentations **Chair: Y. Khotyaintsev**

08:00 Logistics update

[15 minute talks, with Q&A]

Hesse: MMS measurements and model results with guide field

Fuselier: Survey of magnetospheric ions near the magnetopause

Toledo-Redondo: Cold ion demagnetization near the X line

Petrinec: Statistics of ion jet locations vs magnetopause model

Goldman: FPI results on Whistlers and other Waves

Plaschke: Steepening of waves near the dusk magnetopause

10:00 Coffee Break

[15 minute talks, with Q&A]

Trattner: Reconnection Response to Changes in the Solar Wind

Russell: Force Balance at the Magnetopause

Denton: Visualizing MMS motion through reconnection structures

Hasegawa: Reconstruction of EDR for 2016-10-16

Turner: Dipolarization Fronts and related tail-side studies

Lapenta: MP crescents and their origins

12:00 Lunch, Reception Area

Thursday, 16 Jun. PM, Rms.

Part 6: Science Team Data Analysis Workshop

13:00 Splinters:

* Rm. 12:004: Topic 1: EDR, Lead: Jim Burch

* Rm. 13:028: Topic 3: Reconnection & Magnetosheath, Lead:

Alexandros Chasapis, U. of Delaware

* Rm. 13:029: Topic 6: Tail, BBFs & DFs, Lead: R. Nakamura, IWF

Graz

15:00 Break

15:30 Splinters:

* Rm. 12:004: Topic 2: Reconnection & Kelvin Helmholtz, Lead:

Stefan Eriksson, LASP

* Rm. 13:028: Topic 8: Cross-calibration, Lead: Yuri Khotyaintsev,

IRF-Uppsala

MMS SCIENCE WORKING TEAM MEETING AGENDA

13-17 Jun. 2016, Blåsenhus, Uppsala University, Uppsala Sweden

Friday, 17 June AM, Rm. 13:029

Part 0: Science Working Group Meeting

Chairs: J L Burch / T E Moore

(Executive Session: limited to SWG membership)

08:30 Begin SWG Meeting

12:00 Adjourn SWG Meeting

Friday, 17 Jun. PM

Instrument Team Splinters

MAG Team Meeting, Rm. 13:028

08:30 – 17:00