

## **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. 11:028  
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

18:00 – 20:00 Reception

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

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

08:30 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 TBD: E/PO Update and Opportunities

12:00      Group Photo Opportunity  
            Lunch, Loc. TBD

### **Tuesday, 14 Jun PM**

**Part 2:** Splinters

13:00 5 minute talks TBD

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

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

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

08:00 Logistics update

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

Gershman: Kinetic-scale waves in a reconnection exhaust

Vernisse: Topologies induced by reconnection in KH

Cohen: Energetic particle interactions at the magnetopause

Phan: Where is the ion diffusion region?

Graham: Currents and heating in the asymmetric IDR

Nakamura: Cold plasma near separatrix region

12:00 Lunch

### **Wednesday, 15 Jun PM, Rooms TBA**

**Part 4:** Splinters

13:00 Splinters

\* Rm. 12:004: Topic 1: EDR, Lead: Jim Burch (TBC)

\* Rm. 13:028: Topic 4: Cold plasma & reconnection, Lead: Sergio

Toledo-Redondo, ESA/ESAC

\* Rm. 13:029: Topic 7: Shock, Lead: Steve Schwartz, LASP/Imperial College

15:00      Break

15:30      Posters Rm. TBD

18:00      Group Celebration Dinner: (tentatively a boat trip!)

## **MMS SCIENCE WORKING TEAM MEETING AGENDA**

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

**Part 5: Science Presentations**      **Chair: M Adrian**

08:00 Logistics update

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

Trattner: Reconnection Response to Changes in the Solar Wind

Denton: Visualizing MMS motion through reconnection structures

Hasegawa: Reconstruction of EDR for 2016-10-16

Drake - 3D PIC simulations of the MMS MO event

Turner: Dipolarization Fronts and related tail-side studies

Lapenta: MP crescents and their origins

12:00 Lunch

**Thursday, 16 Jun. PM, Rms. TBD**

**Part 6: Science Team Data Analysis Workshop**

13:00 Splinters:

\* Rm. 12:004: Topic 1: EDR, Lead: Jim Burch (TBC)

\* 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

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

### **Friday, 17 June AM, Rm. 13:029 (TBC)**

**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