

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

*19-22 March, 2013, LASP*

*U. Colorado, Boulder, CO 80399*

### **PRECURSOR MEETINGS**

*March, 2013, LASP*

*U. Colorado, Boulder, CO 80399*

**Sun, 17 March**

**Mon, 18 March**

**Tue, 19 March am**

*Fields Team Meeting: Contact: Roy Torbert*

**Tue: 19 March am**

*Commissioning TIM: Contacts: Chris Pankratz, Cheryl Gramling*

**Tue, 19 March pm**

***Part 0: Scientist In The Loop Workshop***

*Chair: Bob Ergun*

13:00 Tom Moore: Goals of workshop

13:05 SOC: Responsibilities of SOC, UCB, ITs

13:30 FPI: SITL Data Products & Participation

14:15 Fields: SITL Data Products & Participation

15:00 – 15:15 break

15:15 UCB: Display System Demo

16:00 SOC: SITL Staffing and Ops Scenario

16:45 All: Discussion and Actions

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### **Wed, 20 March am**

***Part 1: Mission status, I&T***

*Chair: Mark Adrian*

08:30 Tom Moore: Welcome and logistics

08:45 Dave Klumpar: Program perspective

09:00 Jim Burch: Science status and perspective

09:30 Craig Tooley/Brent Robertson: I&T status and schedule, LRD

10:00 Ron Black: Instrument Suite I&T status and schedule

10:30-10:45 Break

10:45 Troy Cline: Mission Education and Outreach

11:15 Pat Reiff: Science Education and Outreach

11:45 Troy Cline: EPO discussion and Actions

12:00-13:00 Lunch Break

### **Wed, 20 March pm**

***Part 3: Science operations and analysis***

*Chair: Dan Baker*

13:00 Stephen Fuselier: MMS mission for LRD and ext. mission

13:30 Conrad Schiff: Flight dynamics: nominal and ext. mission

14:00 Steve Coyle: GS and MOC in I&T, Commissioning

14:30 Cheryl Gramling w/ Roy Torbert: Commissioning Plan

15:00 Break:

15:15 Lon Riesberg: SOC & Science Data Center: Ops / Data / SITL

16:15 Tom Moore: Higher Level Data products discussion

17:30 Adjourn

19:00 Group Dinner at TBD [After dinner speaker: Lon Riesberg]

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### **Thu, 21 March am**

***Part 2: Theory and Modeling Studies***

*Chair: Michael Hesse / Tom Moore*

08:20 Michael Hesse: Asymmetric reconnection

08:50 Jim Drake: Ion acceleration

09:20 Joachim Birn: Particle acceleration

09:50 Richard Denton: Finding the reconnection region

10:20 Bill Matthaeus: Turbulent reconnection

10:50 – Break

11:10 Seiji Zenitani: Diffusion region identification

11:40 Cassak: Asymmetric reconnection

12:10 Lunch

### **Thu, 21 March pm**

***Part 4: Interdisciplinary Science Studies***

*Chair: Guan Le*

13:00 Mel Goldstein: Cluster encounter with electron scale structures

13:25 Maha Abdalla: Particle energization

13:50 Moustafa El Alaoui: Turbulent plasma sheet

14:15 Martin Goldman: IDS Status and News

14:40 David Newman: Electron distribution function structures

15:05 Break

15:20 Giovanni Lapenta: PIC Simulation

15:45 Tai Phan: Electron bulk heating in reconnection: observations

16:10 Michael Shay: Electron bulk heating: simulations

16:35 Mtsuo Oka: Burst data volume in the magnetotail

17:30 All: Science discussion

17:00 Adjourn

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**Fri, 22 March am**

***Part 5: Science Working Group (Executive Session)***

*Chair: Jim Burch / Tom Moore*

08:30 Agenda TBD

12:00 Adjourn