MMS SCIENCE WORKING TEAM MEETING AGENDA

10-12 March 2014, Courtyard Marriott Hotel, Cocoa Beach, FL

Tuesday, 10 Mar. am, *Courtyard Rm. TBD*
Part 0: Science Working Group (Executive Session)
Chair: Jim Burch / Tom Moore

08:30 Agenda TBS to SWG Membership

11:30 Adjourn

Proposed Discussion Topics:
TBD

Tuesday, 10 Mar. pm, *Courtyard Rm. TBD*
Part 1*: Theory Modeling and Data Analysis*
Chair: Michael Hesse

13:00 Nicolas Aunai: Orientation of the reconnection plane and reconnection rate in asymmetric current sheets
13:20 Naoki Bessho: Formation of fine structures in electron distribution functions during magnetic reconnection
13:40 Paul Cassak: Fast reconnection with electron pressure anisotropy
14:00 Li-Jen Chen: The electron diffusion region in asymmetric and symmetric reconnection
14:20 Richard Denton: Reconstruction of the Electron Diffusion Region
14:40 Jim Drake: Electron Acceleration during Reconnection with an Ambient Guide Field: A comparison of 2-D and 3-D results

15:00 Break

15:20 Michael Hesse: Electron diffusion region for asymmetric guide-field reconnection
15:40 Masahiro Hoshino: Magnetic reconnection in turbulence
16:00 Yi-Hsin Liu: Orientation of X-line in Asymmetric Reconnection
16:20 William Matthaeus: Reconnection in a complex environment
16:40 Deirdre Wendel: Distribution functions in guide field reconnection

17:00 Adjourn

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Wednesday, *11 Mar. am,* *Courtyard Rm. TBD*
Part 2: *Mission Operations and Data Analysis*
Chair: B L Giles

08:30 Moore/Burch: Welcome and Logistics
08:40 Tooley/Robertson: Mission Status Update
09:00 Fuselier: MMS Mission Plan / Heliophysics Fleet Coordination
09:20 Phan: Criteria for identifying diffusion regions
09:40 Open Discussion

10:00 Break

10:30 Torbert/Beech: SOC: Commissioning and Operations
11:15 Larsen: SDC: SITL, Data Access, Web Site, Schedule

11:50 Group Photo, location TBA
12:00 Lunch

Wednesday, 11 Mar. pm, *Courtyard Rm. TBD*
Part 3: *Interdisciplinary Science Studies*
Chair: Guan Le

13:00 Cline/Hendrix: Latest on “Communication and Public Engagement”
13:20 Reiff: Latest on “Education and Public Outreach”
13:40 Goldman: Whistler observations and sub-spin electron distributions
14:00 Lapenta: Diffusion region distribution in the magnetotail?
14:20 Phan: Macroscopic signatures of the magnetopause diffusion region

15:00 Break

15:20 Shay: Ion and electron heating in reconnection
15:40 Goldstein/Klimas, Reconnection rate from 2.5D PIC
16:00 Berchem: Multiscale simulations of the dayside magnetopause
16:20 Nykyri: Kinetic waves within KH vortices
16:40 Newman: Dayside current-sheet modeling; Magnetotail ion beams

17:30 Adjourn

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Thursday, 12 Mar am, *Courtyard, Rm. TBD*
Part 4*: Interdisciplinary Science Studies (continued)*
Chair: M L Goldstein

10:20 Ericksson: THEMIS dayside counter-streaming ion distributions
11:40 Oka: Electron diffusion region signatures in the magnetotail
10:35 Andersson: Magnetotail reconnection in the presence of oxygen

10:00 Break [Launch Pad Tour, priority for instrument team members]

13:25 Laing: Oxygen effects on dipolarization fronts
14:15 Hwang: Encountering multiple reconnection sites
14:40 Buechner: Gyrokinetic and PIC guide field reconnection

12:00 Lunch

Thursday, 12 Mar pm, *Courtyard, Rm. TBD*
Part 4*: Interdisciplinary Science (continued discussions as appropriate)*
Chair: TBA

13:00 Prepare for Launch!

Thursday, 12 Mar eve, KSC Visitor's Center, Apollo/Saturn V Building
Part 4*:* Launch Celebration, Chair: Jim Burch

19:45-20:45 Bus boarding at the KSC Visitor Center, for transport to the:
20:30 Reception at the Apollo/Saturn V Building of KSC
22:30 Transition to launch viewing site at Banana Creek

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MMS Associated Meetings Week of 9 Mar. 2015

Monday, 09 Mar 2015. am, Courtyard Rm. TBD
08:30 - 17:00 Fields Team Meeting

Tuesday, 10 Mar 2015 pm: KSC location TBD
13:00 - 15:00 MMS L-2 Briefing

Friday, 13 Mar., Courtyard Rm. TBD
08:30 - 17:00 EPD Team Meeting