

Wednesday AM

Time	Presenter	Title
9:00	J. L. Burch	Electron Diffusion Regions with MMS
9:30	L-J. Chen	How do properties of the electron diffusion region depend on the guide field?
9:45	N. Bessho	Electron distribution functions and waves in the electron diffusion region in asymmetric reconnection
10:00	L. Alm	How do properties of the electron diffusion region depend on the guide field?
10:15	H. Hasegawa	Reconstruction of the electron diffusion region observed by MMS: First results
10:30	M. Hesse	The Electron Diffusion Region for Asymmetric Guide Field Reconnection
10:45	D. Graham	Electron distributions and wave activity associated with an electron diffusion region
11:00	G. Lapenta	Crescents and Reconnection
11:15	J. Egedal	Spacecraft observations of a Maxwell Demon coating the separatrix of asymmetric magnetic reconnection with crescent-shaped electron distributions
11:30	S. Wang	Two-scale ion meandering caused by the polarization electric field during reconnection

Wednesday PM

Time	Presenter	Title
13:15	P. Pritchett	Particle-in-Cell Simulations of Asymmetric Reconnection and Implications for MMS Data Analysis
13:45	G. Toth	Global MHD with two-way coupled embedded PIC model
14:00	J. Dorelli	Kinetic Structure of the Subsolar Dayside Magnetopause under Northward IMF Conditions
14:15	M Swisdak	Three-dimensional Particle-in-cell Simulations of an MMS Observation of Guide Field Reconnection at the Magnetopause
14:30	A. Le	Enhanced Electron Heating and Mixing in a 3D Kinetic Simulation for MMS Magnetopause Crossings with Weak Guide Fields
14:45	A. Bhattacharjee	Global Extended MHD Simulations Including Kinetic Effects of MMS Reconnection Events
15:00	Y. Chen	MHD with embedded particle-in-cell (PIC) simulation of Earth's magnetopause reconnection
15:15	Y-H. Liu	Suppression of collisionless magnetic reconnection in asymmetric current sheets
15:30	Y. Khotyaintsev	Electron jet of asymmetric reconnection and related electrostatic turbulence
15:45	J. Dargent	The role of the cold ion population on magnetic reconnection at the Earth magnetopause
16:00	J. Holmes	Cold electrons as the drivers of parallel, electrostatic waves in asymmetric reconnection
16:15	L. Price	The Effects of Turbulence on Three-Dimensional Magnetic Reconnection at the Magnetopause
16:30	H. Che	Anomalous resistivity and Kinetic Scale Magnetic Reconnection
17:00	F. Wilder	Interaction Between Whistler-mode and Electrostatic Waves at the Dayside Magnetopause

Thursday AM

Time	Presenter	Title
8:45	C. T. Russell	Force Balance at the Magnetopause
9:00	S. Fuselier	Magnetospheric Ion Contributions to Reconnection
9:15	I. Cohen	Observations of energetic particle escape at the magnetopause
9:30	B. Mauk	Species dependent leakage of energetic particles across Earth's magnetopause
9:45	C. Zhao	Flux Transfer Events
10:00	S. Smith	MMS FPI high resolution observations of ionospheric plasma in conjunction with FTEs
10:15	A. Sturmer	Tripolar Magnetic Perturbations Generated by Parallel Electron Hall Currents in Kelvin-Helmholtz Waves
10:30	T. Nakamura	Event study of vortex-index reconnection at the magnetopause using MMS observations and fully kinetic simulations
10:45	R. Ergun	Parallel Electric Fields in Guide Field Reconnection
11:00	C. Pollock	Reconnection and turbulence
11:15	D. Mackler	Reconnection and turbulence
11:30		

Thursday PM

Time	Presenter	Title
13:15	S. Schwartz	The anatomy of a young Hot Flow Anomaly at the Earth's bow shock
13:45	H. Y. Wei	Whistler Waves in the bow shock
14:00	K. Goodrich	MMS Observations of Parallel Electric Fields Associated with Bow Shocks
14:15	J. Westlake	MMS-EIS Observations of Energetic Ions at the Bow Shock
14:30	M. Oka	Electron acceleration at the Earth's quasi-perpendicular bow shock: MMS observation
15:00	A. Johlander/ S. Schwartz	Rippled quasi-perpendicular shock observed by MMS
15:15	I. Gingell	Signatures of the ion Weibel instability in phase I quasi-perpendicular bow shock crossings
15:30	J. Birn	Plasma Sheet Beams: Simulations and MMS Observations
15:45	H. Spence	Exploring Potential Origins of EPD/FEEPS Electron Microinjection Signatures
16:00	S. Kavosi	OpenGGCM simulation of Microinjections events observed by MMS/FEEPS
16:15	T. Moore	Plasma Sheet Beams: Simulations and MMS Observations
16:30	T. Moore	The Plasma Sheet Boundary Layer in MMS Observations and in Global Simulations
16:45	D. Turner	MMS and Van Allen Probes conjunction: Studying wave activity associated with energetic particle injections and substorms

Friday AM

Time	Presenter	Title
9:00	D. Baker	A telescopic and microscopic examination of acceleration in the June 2015 geomagnetic storm: Magnetospheric Multiscale and Van Allen Probes study of substorm particle injection
9:15	P. Reiff	Using CCMC modeling for MMS context
9:30	L. Rastaetter	Models, tools and services at the CCMC in support of MMS
9:45	D. Gershman	Spectral Analysis of FPI data
10:00	A. Roger	Calculation of 7.5ms FPI Plasma Moments
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Friday PM

Time	Presenter	Title
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16:30		Memorial – Maha Ashour-Abdalla