

AMDG Agenda – Science Team Meeting 31 (Boulder)

Wednesday, October 2nd

10:30 – 10:40	Introduction and logistics	Vervack
10:40 – 11:00	Update on FIPS voltage changes and new modes	Raines
<i>Mini-Session: CMEs at Mercury What are we learning? / Where do we go with it?</i>		
11:00 – 11:20	The energetic electron event of August 18-20, 2013	Ho
11:20 – 11:40	Magnetic signatures of the CME interaction with Mercury on August 18-20, 2013	Anderson
11:40 – 12:00	Open discussion on the topic to get the ball rolling for the future	All
12:00 – 1:30	Lunch	
1:30 – 1:50	Cusp plasma filaments (new phenomenon!)	Slavin
1:50 – 2:10	Modeling flux ropes in the plasma sheet	DiBraccio
2:10 – 2:30	Magnetopause flux transfer events	Poh
2:30 – 2:50	FIPS observations of foreshock particles at Mercury	Tracy
2:50 – 3:10	Partial magnetization of Na ⁺ in Mercury's magnetotail	Gershman
3:10 – 3:30	Break	
3:30 – 3:50	Looking for evidence of radiation pressure effects in FIPS ion measurements	Raines
3:50 – 4:10	Seasonal variations in Mercury's dayside Ca exosphere	Burger
4:10 – 4:30	Review of ground-based observations of Ca in the exosphere: Resolving differences with MESSENGER observations	Killen
4:30 – 4:50	Observations of exospheric Na at high latitudes	Killen
4:50 – 5:10	GRS/EPS electron events comparison	Ho

Thursday, October 3rd

This time intentionally left open so people can meet with members of the AMDG or other DGs.

AMDG Plenary Talk

Mercury's magnetosphere: What has MESSENGER taught us? (Slavin)