

BepiColombo Science Working Team Meeting #5

&

International Mercury Science Workshop (15AM-16PM)

[Supported by - JAXA/BepiColombo Project
- Tohoku Univ. / Global COE Program "[Global Education and Research Center for Earth and Planetary Dynamics](#)"]

at

War Memorial Hall, Sendai, Japan

Agenda (Draft ver 4.1: July 21 2008)

Tuesday, 16 September 2008

<AM : Project Overviews>

~ closed to the Project members ~

- | | | |
|-------------|--|--|
| 0900 | Welcome and introduction | M. Fujimoto / J. Benkhoff |
| 0910 | Meeting with MESSENGER Team at COSPAR | J. Benkhoff |
| 0920 | BepiColombo Project Status Overview | J. van Casteren |
| 1000 | MMO Status Overview | H. Hayakawa & MMO System |
| 1030 | MPO Status Overview | J. van Casteren & BC System |
| 1100 | Discussion | |

<<1200 Launch Break>>

<PM : International Mercury Science Symposium 2008>

~ opened to any young scientists ~

**Hosted by JAXA/BepiColombo Project, JAXA
The Global COE program, Tohoku University**

1330 Kaguya talks

Yoshifumi Saito Highlights of SELENE(Kaguya) Science Results –
Space Plasma Environments

T. Okada Highlights of SELENE(Kaguya) Science Results –
Surface and Interior

1500 Messenger talks

Dave Smith Mercury Gravity Field Observations During MESSENGER
Flyby of Jan 2008

Jim Slavin Mercury's Magnetosphere after MESSENGER's
First Flyby

<<1630 Coffee Break>>

1700 MPO related talk

Johan Warell	Surface composition of Mercury from MESSENGER and groundbased spectroscopy
Gabriele Cremonese	Flux of meteoroids on Mercury

<<1830 Adjourn>>

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0900 Science Instrument Tutorials #1 MPO-MAG, MMO-MGF

MPO-MAG

PI: K. Glassmeier

Yasuhito Narita	The magnetic field of Mercury	(15 minutes)
Uli Auster	The fluxgate magnetometer principle	(40 minutes)
Kai Okrafka	Thermal challenges of the MPO/MAG	(15 minutes)
Daniel Heyner	Problems concerning the determination of the Hermean magnetic field	(15 minutes)

MMO-MGF

PI: W. Baumjohan

<<1130 Coffee Break>>

1200 Big Update Issues from Other Instrument Teams *[key notice only]*

<<1330 Launch Break>>

<PM : Excursion to Matsushima Area>

1500–2000 Bus Tour & Party

Thursday, 18 September 2007

<AM: Splinter Sessions>

0900 Working Groups Splinter (two sessions, two parallel each)

* Geodesy and Geodynamic

T. Spohn, L. Iess

* Atmosphere and Magnetosphere

A. Milillo, M. Fujimoto

* Surface and composition

D. Rothery, Lucia Marin

* Ground based observations

G. Cremonese

1130 Any other business

Interdisciplinary Scientists

Meetings to be scheduled (next SWT)

Special issue of PSS

<<1230 Adjourn>>

<Current other proposed talks : Planned in the 2nd or 3rd day>

Alessandro Mura

[New results of environment modeling]

Francois Leblanc

[Campaign of ground based observations of Mercury's exosphere]

Joern Helbert (DLR)

[the high temperature spectral measurements]

Shoichi Okano (Tohoku Univ.)

[International Mercury Watch (IMW): Preliminary results of the campaign observations]