

1ST MORE TEAM MEETING

26-27 February 2007
ALCATEL ALENIA SPACE ITALIA
Via Saccomuro, 24 Roma

DAY 1 - Room Sirio

10:00 P.Barelli/L.Iess: Welcome from AAS-I and review of the agenda

10:15 L.Iess: Overview of the MORE experiment

10:40 .Dehant/A.Lemaitre/T. Van Hoolst: The internal structure, tides and rotational state of Mercury: a tutorial

12:00 A.Milani: Geodesy and relativity with BepiColombo: numerical simulation of the radio science experiment

13:00 Lunch break

14:00 N.Ashby: Covariance analysis for the relativity experiment

14:30 P.Tortora: The measurements of the obliquity and physical librations with BepiColombo.

15:00 E.Flamini: SIMBIO-SYS: the imaging system of BepiColombo

15:30 V.Iafolla: The ISA accelerometer

16:00 Break

16:20 All: MORE internal organization

DAY 2 - Room TBD

09:00 L.Iess: Review of the requirements for the MORE experiment.

09:20 P.Pablos: MORE requirements seen from ESA

09:40 R.Giordani/AAS-I: Concepts and options for the KAT architecture

10:20 G.Boscagli: an onboard calibration system for the range delay of the KAT

10:40 Break

11:00 AAS-I: EGSE for ground tests and range delay calibrations

11:20 J.Border: Proposed capabilities of the DSN in support of the MORE experiment

11:50 R.Madde': ESA ground antennas and their compatibility with the MORE experiment

12:20 ASTRIUM: The spacecraft design and the radio science experiment.

13:10 Lunch

14:00-17:00 General discussion: options, critical areas, schedule, plans for future work

<http://adams.dm.unipi.it/MORE>