

MORE Relativity Meeting
Rome, Feb. 16 and 17, 2009

AGENDA

- Status of MORE and BepiColombo [L. Iess]
- OD software development.
 - Orbit determination and relativity [A. Milani]
 - Lagrangian formulation for PN Relativity [A. Milani]
 - Equations of motion and variational equations [S. Cicalò, E. Latorre]
 - The MORE observables [G. Tommei]
 - Space-time reference systems [A. Milani]
 - Documentation system and the certification process
- Accurate light-time correction due to a gravitating mass [N. Ashby/B. Bertotti]
- Relativistic model of GAIA astrometric observations; proposed formulation for the MORE experiment [S. Klioner]
- The measurement of the Nordtvedt parameter with MORE: presentations of the two papers, new contributions and discussion [N. Ashby/P. Bender/A. Milani]
- Restricted ephemerides improvement [A. Milani]
- The INPOP ephemerides and the effects of the asteroid masses on the orbit of Mercury [A. Fienga]
- OD codes in use at JPL: ODP and MONTE [S. Asmar]
- OD software in use at ESA and plans for future developments [F. Budnik/R. Mackenzie]
- Questions and answers on the JPL ephemerides (via telecon) [W. Folkner]
- Simulations of the MORE solar conjunction experiment in cruise [A. Ardito]
- Any other topic

List of participants

Univ. of Rome La Sapienza: L. Iess, A. Ardito, M. Di Benedetto, S. Finocchiaro, M. Marabucci, P. Racioppa, G. Rapino

Univ. of Pisa: A. Milani, S. Cicalò, E. Latorre, G. Tommei

Univ. of Bologna: P. Tortora

Univ. of Pavia: B. Bertotti

Univ. of French Polinesia: J-P. Barriot

JPL: S. Asmar

JILA: P. Bender, N. Ashby

TU - Dresden: S. Klioner

ESA-ESOC: F. Budnik, R. Mackenzie

IMCCE: A. Fienga

DINNER TONIGHT:

**ENOTECA 313
VIA CAVOUR 313
7:30 PM**