

Venus Express Science Working Team meeting

October 1 9:00-18:30 October 4 9:00-12:00
IKI, 3rd floor
Agenda TBD

Symposium “Solar system exploration” IKI, Conference hall, the 2-d floor

2 October

Chair I. Mitrofanov

- 10:00 – 10.10 **L. Zelenyi**, *Opening remarks*
- 10:10 –10:30 **L.Zelenyi, E.Galimov, G.Polischuk, E.Akim, A.Zakharov**, *Phobos Sample Return Mission*
- 10:30 – 10:50 **Gaylon McSmith**, *Mars: The Adventure of Exploring the Red Planet*
- 10:50 – 11:10 **T. Duxbury**, *Global Mapping of Mars: a Historical Perspective*
- 11:10 – 11:30 **Gabriel Arnold**, *VIS/IR-Spectroscopy of Terrestrial Planets*
- 11:30 – 12:00 *Coffee break*
- 12:00 –12:20 **J.-P. Bibring**, *OMEGA/Mars Express derived Mars History*
- 12:20 –12:40 **James Rice**, *Exploring the Columbia Hills of Mars*
- 12:40 –13:00 **Alberto Bechar**, *NASA's Next Rover, the 2009 Mars Science Laboratory*
- 13:00 – 13:20 **Gordon Chin, J. Keller, C. Morrow**, *International Collaboration on Lunar Science: Results of Lunar Reconnaissance Orbiter Project SWG*
- 13:20 – 14:30 *Lunch*

Chair A. Zakharov

- 14:30 – 14:50 **Stas Barabash**, *Mars atmospheric erosion: Mars Express results and new frontiers*
- 14:50 – 15:10 **Franck Montmessin**, *The Orbital Forcing of Climate Changes on Mars*
- 15:10 – 15:30 **A.-M. Harri, V.M. Linkin**, *MET NET Mars Mission*
- 15:30 – 15:50 **Sushil Atreya**, *Titan's Methane Cycle, as Revealed by Cassini-Huygens*
- 15:50 – 16:10 **Marcello Fulchignoni**, *Results on Titan's Atmosphere Structure by the Huygens Atmospheric Structure Instrument (HASI)*
- 16:10 – 16:30 *Coffee break*
- 16:30 – 16:50 **Dmitry Titov**, *Venus Express: Highlights of the Nominal Mission*
- 16:50 – 17:10 **Pierre Drossart**, *A new face of Venus from Venus Express/VIRTIS observations*
- 17:10 – 17:30 **Jean-Loup Bertaux, A. Fedorova**, *Structure and Composition of Venus Atmosphere from SPICAV/SOIR*
- 17:30 – 17:50 **Eric Chassefiere**, *Toward an International Venus Exploration Program*
- 17:50 - 18:30 All Open discussion
End of the first day

3 October

Chair: T. Owen

- 10:00 – 10:20 **H. Uwe Keller**, *Cometary Research from Space - the Past, Present, and Future*
- 10:20 – 10:40 **Rita Schulz**, *ESA Rosetta Mission to the Comet*
- 10:40 – 11:00 **Dirk Möhlmann** , *The Enigma of Comet Nuclei*
- 11:00 – 11:20 **Antonella Barucci**, *A proposal for a sample return mission to a pristine NEO*
- 11:20 – 11:50 **David Senske**, *Current and Future Activities in Solar System Exploration*
- 11:50 – 12:10 *Coffee break*
- 12:10 – 12:30 **Maxim Litvak, Igor Mitrofanov**, *Planetary Studies by Nuclear Spectroscopy*
- 12:30 – 12:50 **Oleg Korablev**, *Acousto-optic spectroscopy in planetary missions*
- 12:50 – 13:10 **David Smith**, *Lasers for planetary science*
- 13:10 – 13:30 **M. Banaszekiewicz**. *Subsurface probing of planetary bodies.*
- 13:30 *Lunch*
- End of sectional meeting on Planetary research