

Talks

Please refer to the conference program for the time slot of your oral presentation

- Aizawa et al., The first simultaneous observation of low energy ions and electrons at Mercury during the first BepiColombo flyby
- André et al., Overview of low-energy electron observations from the Mercury Electron Analyzers onboard Mio/BepiColombo during cruise phase and planetary flybys
- Barraud et al., The lack of hollows in the Mercury's high-reflectance red plains
- Benkhoff, BepiColombo - comprehensive exploration of Mercury: first results and mission status
- Bertoli et al., Landform analysis and age determination of craters in the North pole regions of Mercury
- Blance et al., Prevalence and Significance of Ejecta Flows on Mercury: A Global Survey
- Bott et al., Simulating micrometeoroid bombardment of Mercury analog samples
- Cappuccio et al., Mercury gravity field and rotational state with the BepiColombo MORE experiment
- Caminiti et al., Evolution of Mercury's crust: A common process for the formation of smooth plains associated with impact basins
- Chabot et al., Topography, Illumination, and Thermal Models of Mercury's Polar Deposits
- Charlier et al., A consistent model for the chemical, mineralogical, and physical characteristics of Mercury's crust
- Conway et al., Landforms caused by downslope mass wasting on Mercury
- Denevi et al., The Evolution of Mercury's Crust
- Deutsch et al., Investigating 1064-nm Albedo along Mercury's Hot and Cold Poles
- Di Stefano et al., The MORE fundamental physics test at Mercury
- Filacchione et al., Spectral detection of ices in Mercury's PSRs by SIMBIOSYS-VIHI on BepiColombo mission
- Fraenz et al., Effects of spacecraft outgassing and potential at Mercury
- Galiano et al., Principal Component Analysis and Spectral Angle Mapper on MASCS/MESSENGER data for the spectral characterization of Mercury surface
- Glass et al., Mercury's Plasma Sheet Horn from MESSENGER Data
- Griton et al., Global 3D numerical simulations of the magnetosphere of Mercury in a dynamic solar wind
- Head et al., Mercury Magmatic, Tectonic and Geodynamic History: A Comparative Planetology Analysis
- Hirata et al., Comparison of magma eruption fluxes in the Rembrandt and Caloris interior plains: implications for the north-south smooth plains asymmetry
- Hood et al., Magnetic Anomalies Aligned Radial to the Caloris Impact Basin: Further Evidence for Ejecta Deposit Sources
- Hyodo et al., Late accretion onto Mercury
- Imber et al., Mercury's Magnetospheric Dynamics
- Iess, Tests of relativistic gravity with the MORE investigation on BepiColombo
- Jozwiak et al., Understanding the Age and Distribution of Explosive Volcanism on Mercury: Insights from Pyroclastic Deposits
- Karlsson et al., MESSENGER observations of short, large-amplitude structures (SLAMS) in the Mercury foreshock



- Killen et al., Mercury's Exosphere - Current Knowledge and Uncertainties
- Koutroumpa et al., PHEBUS observations of the He 58.4 nm emission during BepiColombo's first Mercury Flyby
- Lark et al., Mercury: Thermal evolution of a layered system
- Lavorenti et al., Electron dynamics at Mercury: acceleration, circulation and precipitation processes using a global fully-kinetic model
- Livi et al., Strofio Status and Measurements Outlook
- Man et al., Newly discovered widespread extensional grabens on Mercury's compressional structures
- Mangano et al., Coordinated campaign of ground-based observations of Mercury's exosphere in 2021
- Milillo et al., BepiColombo First Mercury Fly-by: first taste of the mission results on investigation of the environment around the planet
- Moroni et al., Micro-meteoroids impact vaporization (MMIV) as source for Ca and CaO exosphere along Mercury's orbit
- Mura et al., Yearly variability of Mercury's exosphere: comparison of the Na and Ca cases
- Murakami et al., Updated status and results of BepiColombo/Mio during interplanetary cruise phase
- Namur et al., Carbon partitioning under reducing conditions: implications for Mercury
- Orsini et al., Remote sensing of Mercury sodium emission and relationships with magnetospheric activity
- Pump et al., Revised Modular Model of Mercury's Magnetospheric Magnetic Field
- Robidel et al., Observations of Mercury's Exosphere during BepiColombo First Mercury Flyby with PHEBUS' visible channels
- Rothery et al., BepiColombo surface science objectives
- Saito et al., Venus and Mercury fly-by observation by MPPE-MIA on BepiColombo/Mio
- Schmid et al., Magnetic evidence for an extended hydrogen exosphere at Mercury
- Schmidt et al., Impact Events Observed by MESSENGER UVVS
- Tenthoff et al., Accurate 3D Reconstruction of Mercury with Shape from Shading
- Van Hoolst, Mercury's Deep Interior
- Will, Zombie alert! Solar system tests of GR are still alive
- Wohlfarth et al., A Mystery solved: Wavelength-dependent Seeing changes the normalized spectral slope of Mercury
- Wright et al., Georeferenced M-CAM images from BepiColombo's first Mercury swingby
- Zender et al., BepiColombo Mercury Swing-by-2 on 23 June 2022 - An Overview

