

BEPICOLOMBO SWT MEETING 24  
ROME, ITALY  
HERMEAN ENVIRONMENT WORKING GROUP SPLINTER  
12 JUNE 2025

WEBEX LINK DISTRIBUTED BY EMAIL

Time in CEST (UTC+2:00)

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|----------------------|--|
| 9:00 - 9:10          | <i>Welcome - General Introduction of HEWG, Introducing new Co-chair: Valeria</i><br>- Lina, Sae, Valeria   |
| 9:10 - 9:30          | <i>The solar wind context during the third Mercury flyby of BepiColombo</i><br>- Mathias Rojo (IRAP)   |
| 9:30 - 9:50          | <i>Bow Shock Crossing Observations by MESSENGER from a magnetic point of view</i><br>- Kristin Pump (TU Braunschweig)  |
| 9:50 - 10:10         | <i>Ultra-low frequency and whistler waves in the Mercury foreshock, using MESSENGER data</i> - Tomas Karlsson (KTH)  |
| 10:10 - 10:30        | <i>Spectral Features of Magnetic Fluctuations from Inertial to Kinetic Scales in Mercury's Magnetotail Current Sheet</i> - Chuanfei Dong (Boston University) |
| <b>10:30 - 11:00</b> | <b>Coffee break (FIXED)</b>  |
| 11:00 - 11:20        | <i>Interpreting energy-latitude dispersions in Mercury's northern magnetospheric cusp with MESSENGER</i> - Ryan Dewey (University of Michigan)               |
| 11:20 - 11:40        | <i>The Hermean Helium Exosphere - Continuous and sporadic Helium Release Processes</i><br>- Peter Wurz, Audrey Vorburger (University of Bern)                |
| 11:40 - 11:55        | <i>BERM overview and status</i> - António Gomes (U. Lisboa)  |
| 11:55 - 12:05        | <i>SolarConflux - A Multi-Spacecraft Alignment Tool for Solar Event Analysis</i><br>- Emma Vellard (ESA-ESTEC)   |
| 12:05 - 12:15        | <i>Report on ISSI team on Multi-scale Understanding of Surface-Exosphere</i><br>- Rozenn Robidel (ESA-ESAC)  |
| 12:15 - 12:20        | <i>Report on ISSI team on Mercury's modelling for the BepiColombo mission</i><br>- Sae Aizawa (LPP)  |
| 12:20 - 12:30        | <i>Final remarks</i> - Lina, Sae, Valeria  |