

# BEPICOLOMBO SWT MEETING 24

## ROME, ITALY

### 10-13 JUNE 2025

PROGRAMME OVERVIEW, VERSION 8 JUNE 2025

**NOTE THAT THIS IS SUBJECT TO MINOR CHANGES**  
**CHECK MEETING WEBSITE FOR THE LATEST VERSION OF THIS DOCUMENT:**

<https://www.cosmos.esa.int/web/bepicolombo-swt/bepicolombo-swt-24>

ALL TIMES ARE IN CENTRAL EUROPEAN SUMMER TIME, CEST (UTC+2)

TUESDAY 10 JUNE

09:30 – 10:00; 13:15 – 14:00	Registration desk open for name badge pick-up, walking tour payment & dinner menu selection.
14:00 – 14:10	<i>Welcome</i> - ESA Project Scientist/Local Hosts
14:10 – 14:35	<i>Mission Status</i> – Santa Martinez (ESA-ESAC)
14:35 – 14:55	<i>Operational Ground Segment Status</i>
14:55 – 15:15	<i>Mio Status</i>
15:15 – 15:45	<i>Science Ground Segment Status</i>
15:45 – 16:00	<i>Outreach and Media summary</i>
16:00 – 16:30	Coffee Break
	Registration desk open for name badge pick-up, walking tour payment & dinner menu selection.
16:30 – 16:45	<i>SPICE updates</i> – ESA SPICE Service & NASA-NAIF
16:45 – 17:45	<i>MPO Science Operations</i> - Sébastien Besse, Paolo Cappuccio, Stavros Kotsiaros (ESA-ESAC) <ul style="list-style-type: none"><li>• <i>MPO Strategic science planning – activities &amp; status</i></li><li>• <i>MPO Science off-pointings and routine calibrations</i></li><li>• <i>MPO Target-based observation strategies</i></li></ul>
17:45 – 18:00	Open Discussion
18:00 End of Day 1	

*No evening events*

## WEDNESDAY 11 JUNE

<b>09:00</b>	<b>Arrival</b>
09:00 – 10:30	Instrument status reports. To include: summary of instrument status, team updates. 10 minutes each.  <i>Proposed order: BELA, ISA, MPO-MAG, MERTIS, MGNS, MIXS, MORE, PHEBUS, SERENA.</i>
<b>10:30 – 11:00</b>	<b>Coffee Break</b>
11:00 – 12:00	Instrument status reports, continued: <i>Proposed order: SIMBIO-SYS, SIXS, MDM, MMO/MGF, MPPE, MSASI, PWI.</i>
12:00 – 12:30	Archiving Status (ESA, JAXA) – Mark Bentley (ESA-ESAC) for MPO
<b>12:30 – 14:00</b>	<b>Lunch</b>
14:00 – 17:30	PI Executive Session (PIs, Co-PIs, IDSs and by invitation only; agenda distributed separately).
<i>14:00 – 16:00</i>	<i>Walking Tour (Optional)</i>

*Evening: Optional Concert*

## THURSDAY 12 JUNE

09:00	Arrival
09:00 – 10:30	<b>Parallel Working Group Meetings:</b> <i>Hermean Environment Working Group</i> – <b>Agenda available on SWT Meeting website</b> <i>Surface &amp; Composition Working Group</i> <i>Geodesy &amp; Geophysics Working Group</i> – <b>Agenda available on SWT Meeting website</b>
10:30 – 11:00	<b>Coffee Break</b> Parallel Working Group Meetings (continued)
12:30 – 14:00	<b>Lunch</b>
14:00	<b>Reconvene for Plenary Session</b>
14:00 – 14:20	Hermean Environment Working Group report
14:20 – 14:40	Surface & Composition Working Group report
14:40 – 15:00	Geodesy & Geophysics Working Group report
15:00 – 15:15	<i>Report on Young Scientists' Study Group meeting, ESAC, February 2025</i> – Rozenn Robidel (ESA-ESAC)
15:15 – 15:30	<i>Report on Mercury Lab Workshop 2024 &amp; Mercury Y</i> – Iris Weber (U. Münster)
15:30 – 16:00	<b>Group Photo and Coffee Break</b>
16:00 – 16:15	<i>Report on Ground-based Observations</i> – Valeria Mangano (INAF-IAPS)
16:15 – 16:25	<i>Recent Cruise Science Study Group Activities</i> – Lina Hadid (LPP-CNRS)
16:25 – 16:40	<i>MPO Mission Extension Proposal</i> – Geraint Jones
16:40 – 16:55	<i>Future Meeting Announcements:</i> <i>SWT and SOWG Meetings</i> – Geraint Jones & Go Murakami <i>Mercury 2026</i> – Olivier Namur (KU Leuven)
16:55 – 17:30	Special Announcements
17:30	<b>End of Day 3</b>

*Evening: Optional Dinner*

## FRIDAY 13 JUNE

<b>09:00</b>	<b>Arrival</b>
09:00 – 09:45	<i>Common Observation Strategy between Mio and MPO</i> – Stavros Kotsiaros (ESA-ESAC), including discussion
09:45 – 10:00	<i>Planning for journal Special Issues</i> – Geraint Jones & Go Murakami
10:00 – 10:20	<i>Spatial distribution of whistler-mode waves in Mercury's magnetosphere during BepiColombo flybys</i> – Mitsunori Ozaki et al. (presented by Kasaba-san)
10:20 – 10:30	<i>Evidence of bouncing ions and sporadic plasma sheet injections towards Mercury's polar regions: BepiColombo MSB6 observations</i> – Lina Hadid (LPP)
<b>10:30 – 11:00</b>	<b>Coffee Break</b>
11:00 – 11:30	Other Science talks/special topics, to be proposed by PS/IDSs/WG Leads
11:30 – 12:30	<b>Topical Session: <i>Mercury from Crust to Core</i> – Nicola Tosi (DLR)</b>  Kaori Hirata: <i>Surface geochemical heterogeneities: A case study around the Caloris basin and Prospects for interpreting BepiColombo data</i>  Adrien Broquet: <i>Observational constraints on Mercury's tectonic and geodynamic history</i>  Daniel Heyner: <i>Magnetic field generation</i>  Attilio Rivoldini: <i>Geodetic constraints on interior structure</i>
<b>12:30</b>	<b>End of Meeting</b>
14:00 – 16:00	<i>Walking Tour (Optional)</i>

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