

AGENDA

Tuesday, 23 May 2023

SERENA		
9:00-9:30	Registration	
INTRODUCTORY REMARKS		
9:30-9:45	Welcome of the Major of Tivoli	
9:45-9:50	Welcome of SERENA PI	Orsini
9:50-9:55	SERENA executive board meeting	Milillo
SERENA PERFORMANCES		
9:55-10:15	ELENA performances	De Angelis
10:15-10:35	STROFIO performances	Livi
10:35-11:05	<i>Coffee break</i>	
11:05-11:25	MIPA performances	Barabash/Williamson
11:25-11:45	PICAM performances	Varsani
11:45-12:00	SCU performances	Aronica
12:50-14:00	<i>Lunch break</i>	
TECHNICAL ISSUES		
12:00-12:15	SERENA Ground System	Kazakov
12:15-12:30	SERENA Visualisation tools (TBD)	Sordini
12:30-12:50	And discussion	
DEBATING TASKS		
14:00-14:30	SERENA Commissioning	Chair: Aronica
14:30-14:45	SERENA Long Term Planning	Chair: Milillo
15:30-16:00	<i>Coffee break</i>	
16:00-16:30	SERENA Flexible Data Downlink philosophy	Chair: Mura
17:00-17:30	SERENA science management plan	Chair: Orsini

Wednesday, 24 May 2023

9:00 AM | (UTC+02:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna | 7 hrs

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HEWG		
9:00-9:30	Registration	
9:30-11:15	BepiColombo mission	
9:30-9:55	Mission status	Benkhoff
9:55-10:20	Mio status and operation planning	Murakami
10:20-19:50	<i>Coffee break</i>	
10:50-11:15	Solar Orbiter observation 2023	Janvier (remotely)
11:15-12:45	Mercury Flybys session	
11:15-11:35	First and second Mercury FB overview	Milillo
11:35-12:00	MFB1	Aizawa
12:00-12:20	Magnetospheric Model for Mercury: Status and Future Work	Heyner
12:20-12:45	Conditions for coordinated observations based on magnetospheric model	
12:45-14:00	<i>Lunch break</i>	
14:00-14:30	Data sharing: MAG data for SERENA derived products	
14:30-14:45	SERENA perihelion activity	Chair: Orsini
14:45-15:15	Perihelion science discussion	Chair: Milillo
15:15-15:30	SERENA Off-nadir pointing	Chair: Milillo
15:30-18:00	<i>Visit of Villa d'Este</i>	
20:00	<i>Social dinner</i>	

Thursday, 25 May 2023

9:00 AM | (UTC+02:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna | 9 hrs

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HEWG		
9:10-12:10	Exosphere session	
9:10-9:35	Exospheric modeling	Mura
9:35-10:00	An improved description of gas adsorption and desorption from regolith	Sarantos
10:00-10:25	Study of Ca and CaO Mercury exosphere as product of micro-meteoroids and meteoroid stream impact on planet surface?	Moroni
10:25-10:55	<i>Coffee break</i>	
10:55-11:20	Ground-based observations of Mercury Na exosphere: 2nd Bepi flyby and future plans	Mangano
11:20-11:45	Amateur Sodium Observations during the 2023 Mercury Perihelion	Zender
11:45-12:10	Sodium emission at Mercury and ion precipitation	Orsini
12:10-12:35	DNN for Surface Composition Reconstruction from In Situ Exospheric Measurements at Mercury	Kazakov
12:35-15:30	Magnetosphere session	
12:35-12:50	Modelling MHD instabilities on Mercury magnetopause using MESSENGER data	Ivanovski
12:50-14:00	<i>Lunch break</i>	
14:00-14:25	Neutral Current Sheet Displacement in Reaction to the Radial Interplanetary Magnetic Field at Mercury: Statistical Results from MESSENGER Data.	Heyner
14:25-14:50	Boundaries of the Hermean magnetosphere: from magnetic field data to electrons	Griton
14:50-15:15	Helium at Mercury	Fraenz
15:15-15:40	Particle-induced X-ray emission at Mercury: Current knowledge, ongoing work and next steps	Lindsay
15:40-16:10	<i>Coffee break</i>	
15:15-15:40		Poh
15:40-16:30	Remote presentation session	
15:40-16:05	Second Mercury flyby observations in comparison to hybrid and PiC model results (TBC)	Exner (remotely)
16:25-16:50	?	?
16:50-17:15	?	?
17:15	<i>End of the meeting</i>	

