

Magnetometer workshop 2023 - agenda V06						
#	Presenter	Talk	Duration		START	Note
Mo	Monday afternoon, CHAIR: Ferdinand Plaschke, SESSION: <b>BepiColombo</b>					
00	David Hercik	Welcome and introduction	20		14:00	
01	Daniel Heyner	BepiColombo Overview and Mercury Flybys.	20	BepiColombo		
02	Ayako Matsuoka	Operation plan of BepiColombo MIO MGF and the preparation for MAST deployment	20	BepiColombo		
03	Dragos Constantinescu	MPO-MAG Removal of spacecraft disturbances	20	BepiColombo		
					15:30	Coffee break
04	Daniel Schmid	Magnetic field observations of BepiColombo's Mio-MGF instrument during the swing-by maneuvers at Mercury	20	BepiColombo	16:00	
05	Kristin Pump	Modular Model for Mercury's Magnetospheric Magnetic Field	20	BepiColombo		
06	Robin Zywcok	Modeling and simulation of the Mercury magnetosphere (will probably be changed again)	20	BepiColombo		
					18:00	Dinner + ICE breaker
Tu	Tuesday morning, CHAIR: Werner Magnes, SESSION: <b>Sensor technology</b>					
01	Magda Delva	The ESA Magnetic Cleanliness Handbook	5	Sensor Technology	9:00	
01A	Josef Wilfinger	Magnetometer Front-End ASIC Development	15	Sensor Technology		
02	Barry Narod	Low-noise Magnetic Field Measurements using Copper Permalloy Fluxgate Cores	20	Sensor Technology		
03	David M Miles	The MAGIC Technology Demonstration of new fluxgate magnetometer cores	20	Sensor Technology		
04	Michaela Ellmeier	A compact atomic vector magnetometer for the COSMO mission	20	Sensor Technology		
					10:30	Coffee break
05	Sunny Laddha	Optical Vector Magnetometer Based on the Hanle Effect	20	Sensor Technology		
06	Christoph Amtmann	Optical Magnetometer: Vector Measurements with the CPT Magnetomete	20	Sensor Technology		
07	Raphael Steinhöfler	Laser Based Latch-up Tests	20	Sensor Technology		
08	Julia Immoor	Annealing of ring cores for fluxgate magnetometer sensors in a tube furnace.	20	Sensor Technology		
09	Mattia Butta Gonzales	Recent advances in wire-based orthogonal fluxgate magnetometers	20	Sensor Technology		
10	Markus Kuhnt	Industrial application of fluxgate gradiometers -- from 1948 till today	20	Sensor Technology		
					12:30	Lunch
Tu	Tuesday afternoon, CHAIR: Ayako Matsuoka, SESSION: <b>JUICE</b>					
11	Patrick Brown	JUICE - Mission Overview & J-MAG	20	JUICE	14:00	
12	Alex Strickland	J-MAG NECP processing and data report	20	JUICE		
13	Leonard Schulz	Status of MAGIBS on JUICE	20	JUICE		presented by Uli Auster
14	Jiang Yi	In-flight processing of magnetic data from Macao Scientific Satellite	20			
15	Alexander Betzler	Status of MAGSCA on JUICE and CDSM on MSS-1	20	JUICE		
					15:30	Coffee break
	Tuesday afternoon, CHAIR: Ayako Matsuoka, SESSION: <b>Themis/MMS</b>					
16	Rumi Nakamura	Multi-point multi-scale observations of magnetotail using MMS	20	Themis/MMS	16:00	
17	Niklas Grimmich	Study of extreme magnetopause locations and their causes	20	Themis/MMS		
18	Johannes Mieth	Magnetometer performance after 15 years in space	20	Themis/MMS		
					18:00	Individual program
We	Wednesday morning, CHAIR: Rumi Nakamura, SESSION: <b>New Missions</b>					
01	Werner Magnes	Small Sat Constellation Mission ROARS	20	New Missions	9:00	
02	Aria Vitkova	Lunar Gateway: Miniaturized Magnetometer for the ERSA Instrument Suite	20	New Missions		
03	David M Miles	The Tandem Reconnection and Cusp Electrodynamics Reconnaissance Satellites (TRACERS) mission	20	New Missions		
					10:00	Coffee break
04	Ferdinand Plaschke	M7: Matisse	20	New Missions	10:30	
05	Uli Auster	M7: Calico	20	New Missions		
06	Evgeny Panov	M7: Need of multi-scale Plasma Observatory observations for investigating ballooning-interchange processes.	20	New Missions		

We	Wednesday afternoon					
		TOUR in the Podyjí National Park				
Th	Thursday morning, CHAIR: Uli Auster, SESSION: <b>Others</b>					
01	Jindong Wang	Magnetometers design in both SMILE mission and Chinese asteroid exploration mission	20	Others	9:00	
02	Bin Zhou	Inter-calibration test of FM Optical Bench with VFM and ASC in MSS mission	20	Others		
03	Richard Baughen	Vigil - Mission and Magnetometer	20	Others		
04	David Fischer	CubeSats: Status of the Foresail CubeSat fleet	20	Others		
					10:30	Coffee break
05	Marina Díaz Michelena	SPACE MAGNETISM ACTIVITIES FOR PLANETARY EXPLORATION	20	Others	11:00	
06	Yasuhito Narita	Errors in magnetic field data (calibration, simulation)	20	Others		
07	Jean Morris	Solar Wind calibration for Solar Orbiter	20	Others		
08	Ronald Kroth	Contributions to ESA's D3S Program	20	Others		
					12:30	Lunch
Th	Thursday afternoon, CHAIR: Patrick Brown, SESSION: <b>Others</b>					
09	Hongbo Xue	The latest design and application of Space Atomic Magnetometer in NSSC	20	Others	14:00	
10	Roman Leonhardt	Magnetometers at the Conrad Observatory: A comparison of various different magnetometers for observatory purposes	20	Others		
11	Shuang Wu	Progress of Vector Atomic Magnetometer design	20	Others		
					15:30	Coffee break
12	Irmgard Jernej	Latest News on Parts, Material and Process Selection (TBC)	20	Others	15:00	
13	Bingjun Cheng	Lunar Orbit Magnetometer in Chinese lunar exploration mission	20	Others		
					17:00	City tour with wine tasting
					19:00	Individual dinner in the city
Fr	FRIDAY morning, CHAIR: David Hercik, SESSION: <b>Comet Interceptor</b>					
01	Uli Auster	Fluxgate magnetometer on Comet Interceptor A	20	Comet Interceptor	9:00	
02	Aris Valavanoglou	Fluxgate magnetometer on Comet Interceptor B2	20	Comet Interceptor		
03	Naofumi Murata	Development status of fundamental mode orthogonal fluxgate for MMX and Comet Interceptor mission	20	Comet Interceptor		
04		AOB (e.g. proposal for next meeting)	20		11:00	Adjourn