

## Magnetometer workshop 2014 - agenda v05

#	Talk	Duration		START	Note
Mo	MONDAY morning, CHAIR: Uwe Motschmann				
01	David Hercik: Welcome	10		9:00	
02	Karl-Heinz Glaßmeier: Rosetta mission status & PR activities	30	Rosetta		
03	Ingo Richter: Status Orbiter & RPC Mag	20	Rosetta		
04	Uli Auster: Status Philae & ROMAP	20	Rosetta		
05	Charlotte Götz: Orbits & near Comet Plasma Simulation	20	Rosetta		
06	Philip Heinisch: Determination of Lander Orientation	15	Rosetta		
				11:00	Coffee break
07	David Hercik: Hayabusa 2 / Mascot Lander & Magnetometer Experiment	20	Other missions	11:15	
08	Ana Belén Fernández Dominguez: MOURA magnetometer: Achievements and future lines	20	Other missions		
				12:00	Lunch
Mo	MONDAY afternoon, CHAIR: Karl-Heinz Glaßmeier				
09	Dragos Constantinescu: Artemis measurements at the Moon	30	Science	15:00	
10	Uwe Motschmann: Footprint of Dust in Cassini magnetometer data	30	Science		
				16:00	Coffee break
11	Christian Nabert: Adjoint method as a tool to separate planetary magn.fields	20	Data processing	16:30	
12	Dennis Frühauff: Planetary wave detection in magnetic field data using empirical mode decomposition methods	20	Data processing		
13	David Fisher: Combined magnetic field data products for MMS	20	Data processing		
14	Marina Michelena Diaz: Susceptometer for planetary exploration	20	Sensor		
				19:00	Dinner
Tu	TUESDAY morning, CHAIR: Uli Auster				
01	Daniel Heyner: Bepi mission overview	20	BepiColombo	9:00	
02	David Fisher: MPO mission and MERMAG status	20	BepiColombo		
03	Ayako Matsuoka: MMO mission and MERMAG status	20	BepiColombo		
04	Daniel Heyner: Messenger Results and Feedback Dynamo	20	BepiColombo		

05	Karl-Heinz Fornacon: Calibration results of MERMAG flight models	15	BepiColombo		
06	Daniel Heyner: Magnetic Cleanliness situation	15	BepiColombo		
				11:00	Coffee break
07	Werner Magnes: MMS Mission Status & Magnetometer Experiment	20	Other missions	11:15	
08	Alexander Zarutskiy: Resonance Mission design & Magnetometer Experiment	20	Other missions		
				12:00	Lunch
Tu	TUESDAY afternoon, CHAIR: Werner Magnes				
09	Tielong Zhang: Scientific results of magnetometer experiment – Review	30	Science	15:00	
10	Jindong Wang: A multi bts Sigma Delta Fluxgate Magnetometer	20	Electronics		
				16:00	Coffee break
11	Kyosuke Iguchi: Development of digital fluxgate magnetometer using digma delta DAC	20	Electronics	16:30	
12	Malik Mansour: New concepts of hybrid magnetometers for wide band space magnetometry	30	Electronics		
13	Aris Valavanoglou: Anisotropic magnetometer for SOSMAG	20	Electronics		
14	Christian Hagen: Radiation test of GHz-oscillator chips for CDSM	20	Electronics		
				19:00	Dinner
We	WEDNESDAY morning, CHAIR: Ayako Matsuoka				
01	Patrick Brown: Mission overview	30	Juice	9:00	
02	Patrick Brown: Experiment design and status	20	Juice		
03	Evelyn Liebert: Spot shielding for JUICE	15	Juice		
04	Michaela Ellmeier: Status of the Coupled Dark State Magnetometer	20	Juice		
				10:30	Coffee break
05	Helen O'Brien: Solar Orbiter Mission & Magnetometer Experiment	30	Other missions	11:00	
06	Tielong Zhang/Karl-Heinz Fornacon: Chinese ring core development by cooperation with Germany	15	Sensor		
07	Sergey Gudoshnikov: Magnetometer based on giant impedance effect in Co-rich glas coated microwires	20	Sensor		
08	Barry Narod/Werner Magnes: New permalloy materials for fluxgate magnetometer	30	Sensor		
				12:30	Lunch
We	WEDNESDAY afternoon, CHAIR: Patrick Brown				

09	Konrad Schwingenschuh: Seismo Magnetism	30	Science	15:00	
				15:45	Coffee break
10	Kaveh Abadi Mohamad: Vectorial magnetometer calibration	30	Calibration	16:10	
11	Ferdinand Plaschke: Calibration of spin axis offsets with EDI	20	Calibration		
12	Dragos Constantinescu: Review of Calibration of Magnetometers on spinning Spacecrafts	30	Calibration		
13	Reiko Nomura: Dispersion relation of Pc1 geomagnetic pulsations using ground-magnetometer observations	30	Science		
				19:00	Dinner
Th	THURSDAY morning, CHAIR: Marina Díaz Michelena				
01	Valeriy Styazhkin: Interhelios Mission design & Magnetometer Experiment	20	Other missions	9:00	
02	Ayako Matsuoka / Reiko Nomura: ERG Mission design & Magnetometer Experiment	20	Other missions		
03	Bingjun Cheng: High Precision Magnetometer for Chinese Electro Magnetic Satellite mission.	20	Other missions		
				10:15	Coffee break
04	Werner Magnes: SOSMAG Design & Status	30	Other missions	10:30	
05	Uli Auster: SOSMAG data processing und cleaning	20	Data processing		
06	Barry Whiteside: Sunjammer Solar Sail: Mission and Magnetometer	30	Other missions		
				12:00	Lunch
Th	THURSDAY afternoon				
	splinter sessions				
				19:00	Dinner
Fr	FRIDAY morning, CHAIR: David Hercik				
01	Karl-Heinz Glaßmeier: Aggregation of Magnetized Dust	30	Science	9:00	
	AOB (e.g. proposal for next meeting)	30			
	Conclusion			10:15	Coffee break