

RPW consortium meeting #31

25-28/11/2024, Athens University History Museum, Greece

<https://sites.google.com/view/rpwmeetingnovember2024>



All times are UTC+2

Monday 25/11/2024

<https://us02web.zoom.us/j/84446776846>

secret code : 444966

start time	duration	Title/Topic	Presenter	on site / online
9:30	0:30	Welcome coffee		
10:00	0:00	Instrument status & operations		
10:00	0:25	General Solar Orbiter status	Milan Maksimovic	
10:25	0:20	Operations	Diane Bérard & Jan Soucek	
10:45	0:30	ROC status	Xavier Bonnin & Quynh Nhu Nguyen	
11:15	0:15	The new RPW datacenter website	Diane Bérard	
11:30	0:30	Sub-system updates (1/2)	Lead Cols	
12:00	1:15	lunch break		
13:15	0:45	Sub-system updates (2/2)	Lead Cols	
14:00	0:00	science sessions		
14:00	0:30	Inner Heliospheric Dust Environment	Mitchell Shen	on site
14:30	0:30	Magnetic signatures linked to dust grain impact: Insights from the Solar Orbiter Mission	Kristina Rackovic Babic	on site
15:00	0:30	Solar Orbiter Venus flyby #1: Does RPW detect lower hybride waves ?	Thomas Chust	on site
15:30	0:30	Venus plasma tail from Solar Orbiter, PSP and BepiColombo flybys	Niklas Edberg	online
16:00	0:30	Coffee break		
16:30	0:30	A merged magnetic field data product for Solar Orbiter	Matthieu Kretzschmar	online

17:00	0:30	Shape and extend of the solar wind transition surfaces	Xenophon Moussas	on site
17:30		adjourn		

Tuesday 26/11/2024

<https://us02web.zoom.us/j/84265476754>

secret code : 608951

9:30	0:30	Welcome coffee		
10:00	0:15	Welcome	Ioannis Daglis	on site
10:15	0:30	Observations of electrostatic solitary waves by RPW/LFR on Solar Orbiter	Thomas Chust	on site
10:45	0:30	Study of an IP shock with a very high Mach number	Andrew Dimmock	online
11:15	0:30	The Korea-led L4 mission	Yukinaga Miyashita	online
11:45	0:30	Type III Bursts and Solar Flares	Vratislav Krupar	on site
12:15	1:00	Lunch break		
13:15	0:30	Zooniverse SolarType III tracker project- RPW Type III catalog	Katerina Pesini	on site
13:45	0:30	Using Type III radio bursts as evidence of particle escape from the Sun for enhancing solar proton forecasting capabilities	Olga Malandraki	on site
14:15	0:30	Details of the lower frequency boundary of type III radio bursts observed by Solar Orbiter	David Pisa	on site
14:45	0:30	Highly polarized Type IV emissions	Stuart Bale	on site
15:15	0:30	Coffee break		
15:45	0:30	NenuFAR support to Solar Orbiter	Carine Briand	online
16:15	0:30	The improved Artemis–Jean Louis Steinberg (ARTEMIS IV/JLS) multichannel solar radio spectrograph	Fanis Smanis	on site
16:45	0:30	Examples of Joint Observations of Solar Radio Bursts from Combined Data from the ARTEMIS-IV/JLS and WIND.	Alexander E. Hillaris	on site

17:15		adjourn		
Evening		Group Dinner		

Wednesday 27/11/2024 https://us02web.zoom.us/j/88384780435 secret code : 710649				
9:30	0:30	Welcome coffee		
10:00	0:30	A Statistical Study of Low-frequency Solar Radio Type-III Bursts	Kantepalli Sasikumar Raja	online
10:30	0:30	Langmuir wave intensity observed by Solar Orbiter	Hamish Reid	on site
11:00	0:30	The impact of radio-wave propagation effects on spectroscopic properties	Nicolina Chrysaphi	on site
11:30	0:30	Tracing the Heliospheric Magnetic Field via Anisotropic Radio-Wave Scattering	Daniel Clarkson	on line
12:00	1:00	Lunch break		
13:00	0:30	Scale Dependence of Alfvénicity in the Solar Wind as Observed by PSP	Panisara Thepthong	on site
13:30	0:30	Diagnosing flare-accelerated electron beams with X-ray and Radio data from Solar Orbiter	David Paipa-Leon	on site
14:00	0:30	Determining the possible acceleration regions of in situ electrons using space and ground-based radio observations	Diana Morosan	online
14:30	0:30	Type III burst emission intensity and electron transport from the Sun to 1 au	Eduard Kontar	online
15:00	0:30	Coffee break		

15:30	0:45	Antikythera Mechanism the earliest (astronomical) computer	Xenophon Moussas	on site
16:15		adjourn		
18:00		Visit of the Observatory		

Thursday 28/11/2024 https://us02web.zoom.us/j/85067437899 secret code : 149842				
9:30	0:30	Welcome coffee		
10:00	0:30	Context observations for RPW?	André Csillaghy	on site
10:30	0:30	Radio Monitoring and Solar Radio Orbiter Instruments: tools for fast access to space and ground-based radio observations.	Abdallah Hamini	on site
11:00	0:30	A case study of acceleration, trapping, and delayed release of non-thermal electrons in an eruptive solar flare	Ludwig Klein	on site
11:30	0:30	Plasma Motions and Compressive Wave Energetics in the Solar Corona and Solar Wind from Radio Wave Scattering Observations	Francesco Azzollini	online
12:00	1:00	Lunch break		

13:00	0:30	Narrow-band bursts embedded on the Type II front with ASG receiver of the Artemis-IV/JLS	Spyros Armatas	on site
13:30	0:30	Pulsating Structures obtained by the ARTEMIS IV/JLS-SAO receiver	Costas Bouratzis	online
14:00	0:30	Wave analysis of an interplanetary shock observed by Solar Orbiter and MMS	Jordi Boldu	online
14:30	0:30	Supporting Solar Orbiter with ground based LOFAR observations, how can we efficiently combine the datasets?	Pietro Zucca	online
15:00	0:30	Coffee break		
15:30	1:30	splinters, discussions		
17:00	0:30	end of meeting		

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