

RPW Consortium Meeting #29 (Prague)

About the RPW Consortium Meeting #29 organized in Prague (CZ)

Date

02 oct. 2023 to 04 oct. 2023

Location

- The meeting takes place in Prague (CZ) in the [Vila Lanna](#)

Zoom info

- <https://us02web.zoom.us/j/82027377559?pwd=OHNkWkFIV0cxa0w2OWY2V0J6bm55dz09>
- Secret code has been sent by Jan by email

Sessions

Agenda is also available as a PDF at the bottom of the page.

Click on the title to download the presentation as a PDF. A ZIP file containing all the presentations in PDF is available at the bottom of the page.

Start time	Duration	Title/Topic	Presenter
Monday 02/10/2023			
10:00	00:15	Welcome	Jan Soucek
		Science session	
10:15	00:35	Investigating radio-wave propagation in the heliosphere using multi-spacecraft observations of type III radio bursts, with Solar Orbiter, Parker Solar Probe, STEREO, Wind and Mars Express	Sophie Musset
10:50	00:35	Anisotropic density turbulence in the solar atmosphere and the heliosphere	Eduard Kontar
11:25	00:25	coffee break	
11:50	00:20	Anisotropic Radio-wave Scattering and the Timing, Source Positions, and sizes of Interplanetary Type III Bursts	Daniel Clarkson
12:10	00:25	Angular dependence of rise- and decay-time measurements using multi-spacecraft solar radio observations	Nicolina Chrysaphi (zoom)
12:35	00:25	Measurements of type III decay times in the frequency range 1-10 MHz.	Antonio Vecchio
13:00	01:00	lunch break	
14:00	00:00	science session II	
14:00	00:40	Observing delayed emissions of Type III bursts during the commissioning phase of Solar Orbiter	David Paipa
14:40	00:45	Coordinated Radiodiagnostics Of CMEs and Solar flares (CROCS)	Vratislav Krupar
15:25	00:30	Electromagnetic emissions by solar radio bursts : PIC simulations	Catherine Krafft
15:55	00:20	coffee break	
16:15	00:35	Compiling a list of SoLO IP shocks and its application to studying the dynamics of ion reflection	Andrew Dimmock (zoom)
16:50	00:00	Instrument session I	
16:50	00:05	Solar Orbiter & RPW general status	Milan Maksimovic
16:55	00:20	Operations	Diane Bérard, Jan Soucek
17:15	00:25	Detection algorithms (SBM1 & SBM2)	Diane, Jan, Xavier, Olga, Milan
17:40	00:20	SWA Status	Chris Owen

18:00		End of day 1	
Tuesday 03/10/2023			
10:00	00:00	science session III	
10:00	00:35	SPIS simulations for EAS	Stepan Stverak
10:35	00:30	Continuous observations of high amplitude signals by the TDS receiver	David Pisa
11:05	00:30	Solar Orbiter in-situ observations of solar electron beam-Langmuir wave interactions in the heliosphere and how they modify electron spectra	Camille Lorfing
11:35	00:30	coffee break	
12:05	00:50	Pitch angle distributions of solar wind's electrons: modeling and estimation of the turbulent scattering mean-free path.	Arnaud Zaslavsky (zoom)
12:55	00:25	Investigating Langmuir wave growth during type III radio emissions	Tomáš Formánek
13:20	00:55	lunch break	
14:15	00:45	Spacecraft potential and the effects of large-amplitude Langmuir waves	Daniel Graham
15:00	00:45	Multi-scale pressure-balanced fluctuations in the compressive solar wind	Luca Franci
15:45	00:25	Ion-acoustic waves associated with interplanetary shocks	Jordi Boldu
16:10	00:30	coffee break	
16:40	00:00	Instrument session II	
16:40	01:00	ROC Status	Xavier Bonnin
17:40	00:00	Sub-systems Status, including plans for L3 data products	
17:40	00:20	SCM status	Matthieu Kretzschmar
18:00		End of day 2	
Evening		Group Dinner	
Wednesday 04/10/2023			
10:15	00:00	science session IV	
10:15	00:20	BIAS Status	Yuri Khotyaintsev
10:35	00:15	Is there a relation between the plasma frequency and the maximum frequency of the type III radio spectrum ?	Matthieu Kretzschmar
10:50	00:25	Non-Linear diffusion advection of Electron Beam and prediction of flux density maximum at 1 MHz	Francesco Azzollini
11:15	00:25	Double-peaked dust impact electrical signatures analyzed and partially explained	Samuel Koišák
11:40	00:20	Proton and alpha particle features linked to switchbacks.	Denise Perrone (zoom)
12:00	00:25	coffee break	
12:25	00:25	Signals of dust impacts detected by the Time Domain Sampler	Jakub Vaverka
12:50	00:20	Investigating the mechanisms driving electron flat top distributions in IP shocks.	Abid Razavi (zoom)
13:10	00:10	Type III manual detection using the zooniverse citizen science platform (cancelled)	Milan Maksimovic
13:20	00:50	lunch break	
14:10	00:20	LFR status	Thomas Chust
14:30	00:20	TDS status	Jan Soucek
14:50	00:20	THR status	Antonio Vecchio
15:10	00:50	General discussion on L3 data products, DOI etc ...	all
16:00		end of meeting	

Action items

Attached items

- [RPW#29_Agenda.pdf](#)
- [rpw_consortium_meeting_29_presentations.zip](#)

