



RPW status

Consortium meeting, Belfast, 12/09/2022



Laboratoire d'Études Spatiales et d'Instrumentation en Astrophysique



*Solar Orbiter 8th workshop,
Belfast, 09/2022*

- **RPW is operating nominally**
- **The 40-60 kHz electric perturbations vanished again as we moved away from the Sun**
- **Data processing, ongoing activities**
 - **L3 density products are on the LESIA server, still not on the SOAR**
 - **We are working on LFR & TNR Quick Looks**
 - **We will soon start producing HFR & TNR L3 radio flux cdfs. Data will be**
 - *Cleaned from S/C pollution (interpolation)*
 - *More easy to use*
 - *Given in $W^2/m^2/Hz$ (radio location to come)*

start time	duration	Title/Topic	Presenter
17:30	00:10	RPW status	Milan Maksimovic
17:40	00:15	Operations	Jan Soucek
17:55	00:10	SWA status	Chris Owen
18:05	00:10	MAG status	Tim Horbury
18:15	00:10	Status of the MAG/SCM merging	Olga Alexandrova
		<i>science session</i>	
18:25	00:10	Ion-acoustic wave in the solar wind	David Pisa
18:35	00:10	structure of proton beams in the solar wind and their model distribution functions.	Philippe Louarn
18:45	00:10	Competing models for the origin of density fluctuations	Yasuhito Narita
18:55	00:10	Electron Beams and Langmuir Waves: A Match Made in the Heliosphere	Camille Lorfing
19:05	00:10	Langmuir Waves and Magnetic holes in the solar wind	Jordi Boldu
19:15	00:10	Imaging a U-burst connected with an IP type III burst	Jinge Zhang
19:25	00:10	An analysis of in-situ the type III burst events	Tomas Formanek
19:35	00:10	The location of solar radio burst sources in the inner heliosphere	Eduard Kontar
19:45	00:10	Refinement of the Solar Orbiter/RPW antenna calibration in the radio domain and its application to type III burst observations	Antonio Vecchio
19:55	00:10	A&A special issue, Next meeting/teleconf, AOB	all
20:05		End of the meeting	