

# RPW Consortium Meeting #19 Action Items & Future Meetings

*M. Maksimovic*

19-21 June 2017,  
KTH, Stockholm

1. Inter-calibration between in-situ instruments
  - Cluster & MMS are good examples
  - For RPW, Bmag, electron & proton moments are crucial
  - Milan to discuss with the ISWG & MADAWG about the best forum to start organizing these discussions.
  - BIAS Team to produce a ½ to 1 page of requirements with respect to inter-calibration
2. DC/LF effective length & direction
  - Redo several simulation with various angles for the Efield vector with respect to S/C\_Z direction scanning around the direction of Leff found in HF simulations
  - Clarify the elgiloy/gold photoemission ratio in ONERA measurements and SPIS
3. Describe in the Science Performance report the antenna bending model
  - Check the total length variation
  - Provide A if  $\Delta = A\sqrt{x}$
4. Check the status of the S/C HGA illuminating the RPW pre-amps. This is a safe operation for RPW but which will corrupt our data
  - To check if it is possible to avoid this illumination during EMC quiet periods
  - To check if the S/C flag these periods.

5. Sylviane to organize a management meeting on how to assemble an MEB in LESIA in order to measure the SCM/MEB interaction which is likely to be the source of the infamous “Eye problem”
6. All team : Provide to Milan a status of the SCM calibrations on August 20 before the final decision of the PFM/FS exchange
7. All lead CoIs provide Feedback on the RPW User manual by August 31<sup>st</sup>
8. ROC to check the HK data cadency and needed HK (ratio between HK & Burst seems too large)

# Future meetings



- **Next Consortium meeting in Meudon (9 or 10 November 2017) joined with PSP/FIELDS. Main points inter-calibration (alignments) and share of data**

A banner for the 'International Workshop on Solar, Heliospheric and Magnetospheric Radioastronomy: The legacy of Jean-Louis Steinberg (1922-2016)'. The banner has a purple-to-orange gradient background. On the left, there is a stylized illustration of a radio telescope dish. On the right, there is a stylized line-art portrait of Jean-Louis Steinberg. The text is centered and reads: 'International Workshop on Solar, Heliospheric and Magnetospheric Radioastronomy: The legacy of Jean-Louis Steinberg (1922-2016) 6-10 Nov 2017, Observatoire de Paris, Meudon (France)'. Below the text, the URL 'https://jlsworkshop.sciencesconf.org/' is written in red.

International Workshop on Solar, Heliospheric and Magnetospheric Radioastronomy: The legacy of Jean-Louis Steinberg (1922-2016)  
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**Session 1 : Solar Radio emissions, energetic particles and UV/X/g emissions, CMEs**

*topics : generation of solar radio emissions, observations from ground & space, Flare physics*

**Session 2 : The interplanetary medium**

*topics : radio scattering, Thermal noise and radio measurement techniques (direction finding, radio receivers ...), solar wind physics*

**Sessions 3 : Terrestrial & Planetary radio emissions**

*topics : generation of radio emissions, observations from ground & space*

**Sessions 4 : Future projects**

*topics : Future space & ground based missions & projects*

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- Consortium meeting #21 (outcome of the S/C interference campaign) in Dresden in spring 2018 ?
- Future general Solar Orbiter meetings :
  - SOWG #10, Madrid, 10-12 July 2017
  - Joint SO-SPP team meeting + SWT #21, APL, 2-6 Oct 2017
  - [S/C viewing opportunity? When it leaves Stevenage? Or Feb 2018, mech. tests at IABG? June 2018, media event after testing + SWT?]
  - SWT #22 in Paris, Spring 2018 (POC: M. Maksimovic)
  - SWT Fall 2018 - Torino? Close to where the S/C is??
  - SWT #23 at Cape Canaveral, Oct 2018 -> Feb 2019
  - Science Workshop #8 + SWT #24 in London or Ireland, Spring [Sep?] 2019 (POC: T. Horbury/C. Owen/L. Harra)
  - SWT #25 in Kiel, Sep 2019 (POC: R. Wimmer-Schweingruber)
  - Science Workshop #9 in France, 2021 (POC: M. Maksimovic)