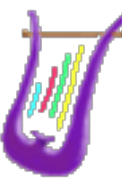

P2SC Status

Matthew J West

ESWW10 - 2013-Nov-21



Mission Statistics

- 1,580 Days in orbit
- >22,500 Orbits
- > 1,000,000,000 km traveled
- >9,500 South Atlantic Anomaly passages



Since SWT7 2013-June-24

PROBA2 / P2SC operations have been nominal

- Except: time correlation problem around 2013-Sep-22
 - SWAP data needs to be reprocessed.
 - LYRA data appears doubled. We may have to manually remove the duplicate data, with possible reprocessing

Since SWT7 2013-June-24

Topical Issue formally published

Concluded 3rd GI program

Performed the 4th GI Call - See later

2013-Sep-30 Held the STOWG - Led by Jussi

The software patch/upgrade was discussed

- MCPM blockage and LZW compression are both top priorities.
 - Work will not start until mid-November with a target upload date in early 2014.
 - Supposed to be implemented months ago and should not be delayed farther.
-

P2SC Personnel

Dan Seaton became the official principal investigator for SWAP

Robbe Vansintjan has taken over as space craft operations engineer in the absence of Erik Pylyser. He is currently learning the processes needed to operate PROBA2 and writing the P2SC weekly report.

Thanassis Katsiyannis has joined the PROBA2 team working on LYRA data.

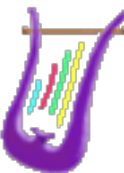
P2SC is currently hosting ***Vida Zigman*** (UNG, *Slovenia*) on the Guest Investigator program.

Dan Ryan will be starting on 2014-Jan-16 looking at flares with LYRA.

PROBA2 Guest Investigator Program Status

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Conclusion of 3rd round of GIs

Name	Project	Title	Date of visit
<i>M. Madjarska & K. Galsgaard</i>	<i>SWAP/ LYRA</i>	<i>Investigating the role of eruptive filaments/ prominences in initiation and propagation of CMEs in heliosphere.</i>	<i>September 30 to October 04</i>
<i>Farid Goryaev (co- I: V. Slemzin,</i>	<i>SWAP</i>	<i>Study of EUV emission of the inner corona and its modeling using the PROBA2/SWAP and Hinode/EIS data.</i>	<i>01-15 July 2013</i>
<i>Louise Harra, D. Williams)</i>	<i>SWAP</i>	<i>Combining SWAP and CoMP to study coronal pseudostreamers and their influence on solar wind speeds.</i>	<i>17 March - 4 April and 5-23 May 2014</i>
<i>Nandita Srivastava</i>	<i>SWAP/ LYRA</i>	<i>Role of eruptive filaments/prominences in initiation and propagation of CMEs in heliosphere using SWAP & LYRA Observations</i>	<i>June 20 - July 23, 2013</i>

4th Guest Investigator Call

The P2SC conducted a 4th PROBA2 Guest Investigator call.

17 Proposals submitted

A panel of 6 external reviewers were assembled to review and help select the GI's.

The proposals were ranked on feasibility, likelihood of publication, and uniqueness to PROBA2.

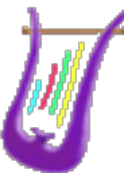
The committee agreed to give special consideration to proposals based on: “Achieving a GI balance between SWAP and LYRA”, “Fostering the work of young researchers” and those “Stimulating new scientific research using PROBA2”

Name	Project	Title	Date of visit
<i>V. Zigman</i>	<i>LYRA</i>	<i>Modelling flare induced ionization enhancements of the lower ionosphere with LYRA data.</i>	<i>October 15 - December 09 2013</i>
<i>D. Baker</i>	<i>SWAP</i>	<i>Investigating the nature and extent of large-scale AR loop expansion off-limb.</i>	<i>April 01 - April 30 2014</i>
<i>C. Bethge</i>	<i>SWAP</i>	<i>Combining SWAP and CoMP to study coronal pseudostreamers and their influence on solar wind speeds.</i>	<i>17 March - 4 April and 5-23 May 2014</i>
<i>C. deForest</i>	<i>SWAP</i>	<i>Studying wave motion in the outer corona, as a tool for solar wind flow.</i>	<i>April - May 2014</i>
<i>C. Guennou</i>	<i>SWAP</i>	<i>Performing tomographic reconstruction, in order to study the geometrical properties of coronal streamers.</i>	<i>TBA</i>
<i>A. Kobelski</i>	<i>SWAP</i>	<i>Studying AR-AR Reconnection after Flux Emergence.</i>	<i>06 December - 21 December 2013</i>
<i>N. Nitta</i>	<i>SWAP/ LYRA</i>	<i>Studying the dome-like structure of large scale coronal propagating fronts and their relation with shock waves.</i>	<i>12 January 2014 and May 2014</i>

PROBA2 SWT Discussion

Matthew J West

ESWW10 - 21 Nov 2013



New ways to stimulate publications?

Collaborations?

Issues with P2SC / PROBA2 / Data?

New research ideas?

<http://proba2.oma.be>