Discussion:
how to keep PROBA2 publication rate high?

PROBA2 SWT June 24 2013

From: Werner.VERSCHUEREN@belspo.be
Date: 19 Jun 2013 11:33:56 GMT+02:00

SPC has approved the PROBA2 science operations till end 2016!

Like for the other missions, the part 2015-2016 is conditionally to a positive evaluation in summer 2014, but I expect no problems if the publications keep on coming, and if sufficient countries can keep on participating to PROBA2 research.

Enjoy the champagne or Trappist!

Werner

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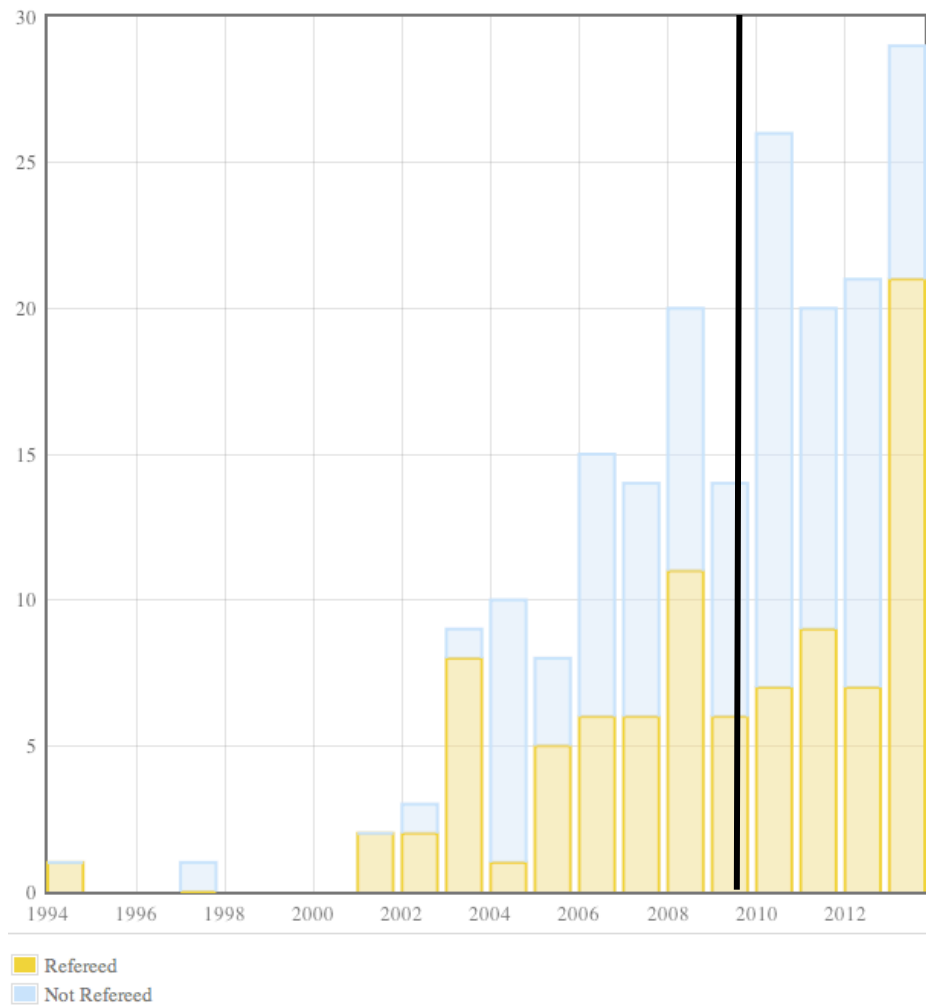SPC has approved the PROBA2 science operations till end 2016!

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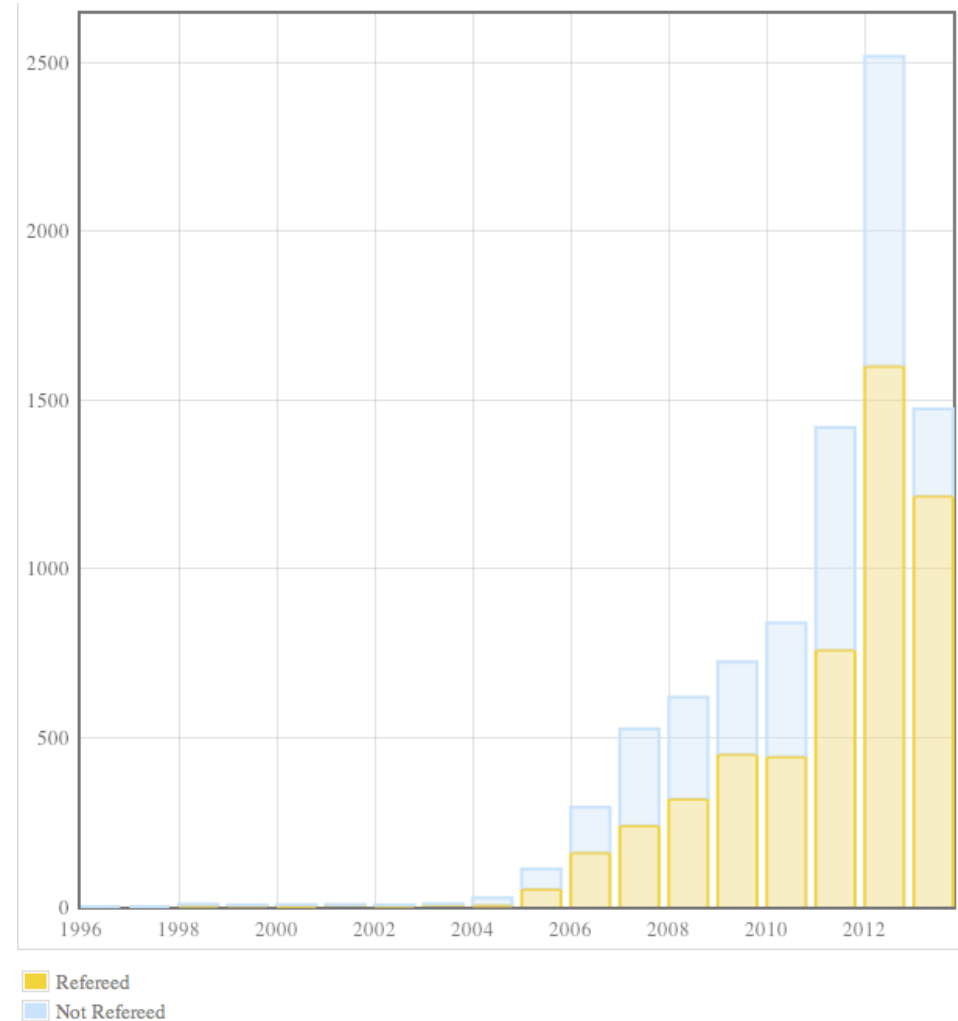
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Werner

NASA ADS query: number of papers with PROBA2, SWAP or LYRA in abstract

papers

reads

We want ~ 20 papers between now and summer 2014

PI teams: ~ 5 papers
GIs ~ 5 papers

12 GI grants are foreseen between 2013-09 and 2014-12

PI teams: ~ 5 papers
GIs ~ 5 papers

We want ~ 10 papers
from elsewhere

12 GI grants are foreseen between 2013-09 and 2014-12

Ideas

1. Another Topical Issue

2. Another "Degradation workshop"

3. Topical Splinter sessions at bigger conferences (ESWW10, SIP-VII)

4. do something with DSLP or other PROBA2 capabilities

5. Improve in quality rather than in quantity

Workshop/topical issue

- deadlines good to speed up publications

- STCE funding can be motivating

- invitations way to involve other people to lead publications

- authors should use SWAP/LYRA data and they should geographically be well distributed

- we need an attractive topic, broader than PROBA2

Science themes

- The transition from white light to EUV corona

- EUV occultations

- CMOS detectors for solar physics

- The rise of solar cycle 24

- Solar Weather operational services

Solar Weather operational services

- Participants: NOAA/SXI, Kanzelhohe, sidc/USET, SSA, SDO, jHelioviewer

- Science/Technology: processing pipelines, automated detectors, precursors, interpretations

EUV occultations

- Participants: BIRA, Orleans, Slemzin

- Science: solar cycle evolution, influence of geo-storms?,

CMOS detectors for solar physics

- Participants: EUNIS team, Solo/SPICE team, Solo/ PHI team, Solo/ METIS team, Solo/HI team, CMOSIS, E2V

- Science/Technology: CMOS behavior wrt CCD behavior: what to expect

The rise of solar cycle 24

- Participants: people with long-term data sets: SOHO team (cycle 23), sunspot index people, ground-based observatories

- Science: extreme minimum, what is special on 24, have we passed the maximum

The transition from white light to EUV corona

- Participants: PROBA3 team, SIGMA team, Leon Golub, eclipse teams (Pasachoff, Koutchmy), Herschel/SCORE, Solo/METIS teams

- Science: observing the SS of PFSS, low beta to high beta, funny structures (psuedo-streamers, rays, fans, horns)

Science themes

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- EUV occultations

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- Solar Weather operational services

Forgotten topics

- image lag in NDR, P43 afterglow

- oscillations in occultation data during storms

- Lyman-alpha imaging during eclipses

- Herzberg: p-modes, why don't we see flare signals

- what happened in Nov 2011?

- CACTus applied on SWAP

- visibility of EUV stars

- DSLP-SWAP-LYRA joint event studies

- XCAM

- particles in LYRA

- footpoint occulted QPPs

- LYRA noise statistics on the shortest time-scales

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other ideas

- contribute to science nuggets (UK, RHESSI)

- website with pending questions

- advertisement/questions slides

- visit other institutes for seminars on PROBA2

- outreach via social media

- reaching out to modellers . Big structures of SWAP are good for PFSS comparison

- jHelioviewer, paraview, sweb:

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swap reprocessing

- jpeg 2000
- COMMENT fields
- calibration update
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