## SWAP onboard PROBA2, a New EUV Imager for Coronal Monitoring

D. BERGHMANS<sup>1</sup> and the SWAP team <sup>1</sup>SIDC – Royal Observatory of Belgium

PROBA2 is an ESA micro-satellite, launched on November 2, 2009 from Russia. PROBA2 carries two solar monitoring instruments, the LYRA UV radiometer and the SWAP telescope (Sun Watcher using Active Pixel System detector and Image Processing) for coronal imaging. SWAP is directly derived from the concept of the EIT telescope that we developed in the '90s for the SOHO mission.

In this paper we will overview the technical characteristics, the science opportunities and the performance of the SWAP telescope. Special attention will be given to the unique complementarity of the SWAP images as compared to SOHO/EIT, STEREO/SECCHI, and SDO/AIA.



Figure 1. SWAP latest image at the time of abstract submission.

## References

- [1] <u>http://www.esa.int/proba</u>, ESA PROBA2 website.
- [2] http://proba2.sidc.be/, Royal Observatory of Belgium
- [3] <u>http://proba2.oma.be/swap/data/qlviewer/SWAPlatest.png</u>, SWAP latest image