Space Weather activities in Portugal (during 2018)

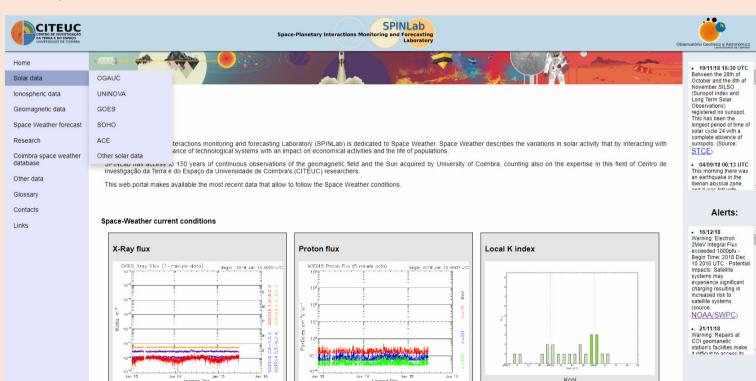
Teresa Barata



ACTIVITIES:

PINLab - Space - Planetary Interactions Monitoring and Forecasting

aboratory: digital platform dedicated to space weather studies is now public available, through ublic presentation to the media.





SPINLab on public national TV

PT 🚺 EN 💥

ated 2019 Jan 16 11:27:12 UTC

NOAA/SWPC Boulder, CO

www.mat.uc.pt/~obsv/SPINLab/SPINLab home.php

pdated 2019 Jan 15 11:26:02 UT

ACTIVITIES:

WAIR - Space Weather and GNS monitoring services for Air Navigation

roject develop by a consortium of private companies and university were presented to the media.







https://business.esa.int/projects/swair https://swair.ptech.io/

SWAIR on the media: radio and national TV

ACTIVITIES:

VORSHOP "Space Weather and GNS monitoring services for Ai

Javigation": organized for the air navigation Portuguese sector, with the presence of mos nportant stockholders. During this event the impacts of space weather on aviation were presented an iscussed.



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Official Project Partners

- ANAC (Portuguese Civil Aviation Authority)
- NAV Portugal (Portuguese ANSP)
- IPMA (Portuguese Meteorological Office)

Other:

- SATA International Azores Airlines (Portuguese Airline)
- Azores Regional Government

OTHER ACTIVITIES:

ESEARCH PROJECTS:

WAIR (ongoing): 2018 - 2020.

volution of Solar Activity over a Solar Cycle - from Statistics to Physics (Slovakia and Portugal) - concluded in 2018. WANET Space Weather Awareness Training Network submitted to the H2020 program – under evaluation.

hD Thesis:

ubject: Geomagnetic storm sudden commencement (concluded in 2018)

ubject: Comparative analysis of SWARM and ground-based observations pointed on South Atlantic anomaly (conclu າ 2018).

ubject: Mathematical models to predict solar activity (ongoing).

nvited talks on the Space Weather subject:

nvited talks at the 21th National Conference of Physics. Invited talk at the 28th Iberian Meeting for the Teaching of Physics.

nvited talk at the 4th Coimbra Summer Space School.

Others:

roposal submitted to the ESWW2018, to organize the "European Space Weather Week" in 2020 in Portugal (under valuation).

Thank You!





