



**Laboratório de Instrumentação e
Física Experimental de Partículas**

LIP Seminar

Thursday, 30 of September 2021, 11h30

The Southern Wide Field Gamma Ray Observatory (SWGGO): a new window to the Universe

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Since ever, with our eyes, we see the Sky, the stars, the Galaxies. Now, in the 21st century, we observe the Universe through the photons, using many wavelengths channels (visible, radio, infrared, ultraviolet, X-rays, gamma rays), but also with charged particles, neutrinos, and gravitational waves. We are in the time of the multiple messengers, where the simultaneous observation of the same extreme phenomenon will open new and unexpected horizons.

In the diversified puzzle of Observatories that are being built, one fundamental piece is missing: A gamma-ray observatory with a wide field of view that can cover the Southern Hemisphere's Sky and in particular the centre of our Galaxy. This is our ambition and challenge.

Location: Videoconference - Zoom

<https://indico.lip.pt/event/957/>

Connection details

URL: <https://videoconf-colibri.zoom.us/j/82855815555>

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