



Laboratório de Instrumentação e
Física Experimental de Partículas

Seminário LIP

Quinta Feira, 4 de Julho 2019

11:30

Radiation challenges and perspectives for the ESA JUICE mission

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The space radiation environment is composed of Solar Energetic Particles, Cosmic Rays and trapped particles. In the Jovian system, the strong magnetic field can accelerate a large population of electrons up to tens of MeV which can penetrate spacecraft walls and damage components. Despite their destructive nature, particles carry information about the source and the processes that created them. For this reason it is important to measure the radiation environment as well as develop methods to ensure full reliability of instruments flown in space missions.

Local: Sala de Seminários (311)

LIP, Av. Prof. Gama Pinto, N° 2, 1649-003 Lisboa

<https://indico.lip.pt/event/594/>

(Café e bolinhos 30 min antes)

O evento terá transmissão por streaming:

URL: <https://videocast.fccn.pt/live/lip/seminarios>

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