



UNIVERSITÀ
DI TRENTO

Dipartimento di
Fisica



PhD Program in Space Science and Technology - SST

The challenge of charged particles and photon detection in space

Specific Seminar – Curriculum 5

April 18, 2024, 3 p.m.

Speaker:

Dr. Giovanni Ambrosi - INFN-Perugia

Abstract:

High energy charged cosmic rays and photons from deep space bring valuable information about our galaxy. The challenge in the direct measurement is due to the need of on orbit positioning and operation of the detector, to avoid the effect of the atmosphere. We will review the major running experiment in Low Earth Orbit (LEO) and present the technological solutions implemented to bring and operate complex particle's detector in space.

Online attendance:

<https://infn-it.zoom.us/j/96805620032?pwd=eXk3SVRheUdOYmhvTUo3dU92Q2dMUT09>

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