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The SiPM evaluation for the Large Array of imaging atmospheric Cherenkov Telescopes (LACT)

The LACT project will deploy 32 atmospheric Cherenkov telescopes with a diameter of 6 meters at Haizishan, Daocheng County, Sichuan Province, to conduct detailed structural measurements of over a dozen ultra-high-energy gamma-ray sources discovered by LHAASO. The cameras of the telescopes will use Silicon Photomultipliers (SiPM) as light sensors. We have collected samples provided by multiple manufacturers and conducted tests on them. This paper will introduce the testing methods employed for the samples and present the results.

Collaboration(s)

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