RICAP-24 Roma International Conference on AstroParticle Physics



Contribution ID: 136 Type: oral

Status of Large Size Telescopes and Early Science

Tuesday, 24 September 2024 09:55 (25 minutes)

The array of four 23-meter-diameter Cherenkov Telescopes, the array of CTA-LSTs, is under construction in La Palma, Canary Islands. We have entered the scientific observational phase with LST1 since 2020 after the commissioning, with which we have examined the performance reached the designed value with a similar sensitivity to the MAGIC. The array of four LSTs will be completed by the summer of 2026, surveying the northern hemisphere with unprecedented sensitivity above a few 10s of GeV and the southern hemisphere, especially a galactic center, with a large zenith angle above a few 100GeV. We will report the status of the array of four LSTs, as well as the recent results and near-future prospects in science.

Primary author: TESHIMA, Masahiro

Presenter: TESHIMA, Masahiro Session Classification: I Plenary