

Early Science with the First Large-Sized Telescope (LST-1)

Thursday 28 August 2025 16:00 (25 minutes)

The Large-Sized Telescopes (LSTs) constitute the largest class of instruments within the upcoming Cherenkov Telescope Array Observatory. Four LSTs are being constructed at the Observatorio del Roque de los Muchachos on La Palma, Canary Islands, Spain. Each telescope features a 23-meter reflector and is optimized for observations at energies below 100 GeV. The first Large-Sized Telescope (LST-1) was inaugurated in October 2018 and is currently engaged in scientific observations of galactic, extragalactic, and transient sources. The remaining three telescopes are expected to be completed next year. In this presentation, I will report on the initial scientific results obtained with LST-1.

Collaboration you are representing

LST-CTA project

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