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TCU: high-level control software of LST

The Large-Sized Telescope (LST) is one of the three main types of telescopes populating the CTA Southern and Northern sites. There will be four LST on each site. Each LST telescope has a 23-meters parabolic segmented mirror and is sensitive to γ -rays from 20 to 150 GeV. Telescope Control Unit (TCU) is a high level control software of LST-1 telescope, which consists of Telescope Manager, Structure and Camera. TCU connects to all telescope subsystems, including camera, drive, active mirror control, etc, and implements their control logic based on the procedures developed by the teams.

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