

# Camera Calibration of the CTA-LST prototype

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We report on the status and the performance of the camera calibration chain for the Large-Sized Telescope prototype (LST-1) proposed for the Cherenkov Telescope Array (CTA). LST-1 is currently in its commissioning phase and moving towards scientific observations. Our work on the camera calibration is important since it provides the basis of LST-1 data analysis. We have developed the camera calibration pipeline as part of the LST analysis chain. It performs pedestal and timing corrections for Domino Ring Sampler version 4 chips, as well as the extraction and calibration of charge and time of pulses for subsequent higher-level analysis. We have examined the performance of each calibration step through to signal reconstruction. We have confirmed that the calibration chain is working well and that the CTA requirements for charge and time resolution are basically fulfilled. We conclude that the calibration chain is ready for analysis of LST-1 observational data.