

V353a **First results of the camera prototype for the Large Size Telescopes of the Cherenkov Telescope Array**

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The Cherenkov Telescope Array (CTA) is going to be an array of about 100 Imaging Cherenkov Telescopes of three different dimensions: small, mid and large size telescopes. In total the array will be sensitive to gamma rays from 20 GeV to more than 300 TeV, and become an order of magnitude more sensitive than the current generation of imaging Cherenkov telescopes. The Large Size Telescopes (LST) with a dish diameter of 23m are going to be unique in the low energy regime of CTA, from 20 GeV to several hundred of GeV. The LST camera consists of 265 photosensor modules, each of them containing 7 photomultiplier tubes (PMTs), a slow control board (SCB), a readout board, and a 2-level trigger logic. We designed, constructed and operated the first prototype camera consisting of 19 PMT modules in Japan. In this talk I will present the camera prototype and compare the results of the camera characterization with the requirements of the LST.