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Performance Verification of the FlashCam Prototype Camera for the Cherenkov Telescope Array

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The gamma ray observatory Cherenkov Telescope Array (CTA) is planned to significantly improve upon the sensitivity and precision of the current generation of Cherenkov telescopes. The observatory will consist of several dozens of telescopes with varying sizes and different types of cameras. Of these, the FlashCam camera system is the first to implement a fully digital signal processing chain which allows for a traceable, configurable trigger scheme and flexible signal reconstruction. As of spring 2016, a prototype FlashCam camera for the middle-sized telescopes of CTA nears completion. The camera system and first results of the ongoing stability tests and performance verifications are presented.

Registered

Yes

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