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Status of the Medium-Sized Telescopes for the Cherenkov Telescope Array

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CTA, the Cherenkov Telescope Array, is an international project for the next generation ground-based observatory for gamma-ray astronomy in the energy range from 20 GeV to 300 TeV. The sensitivity in the core energy range will be dominated by up to 40 Medium-Sized Telescopes (MSTs). The MSTs, of Davies-Cotton type with a 12m diameter reflector are currently in the prototype phase. A full-size mechanical prototype has been constructed in Berlin. Different prototype mirrors have been developed, tested and are mounted on the prototype. A report concentrating on aspects of the design, commissioning and performance of the telescope structure, the drive and the optics of the MSTs will be given.

Collaboration

CTA

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