

Update on the development and deployment of the MicroTCA based detector controller, NGCII

Thursday 4 December 2025 09:15 (15 minutes)

In the time since the last MicroTCA workshop we have achieved laboratory first-light with the final two detector families to be supported by our MicroTCA.4 based general detector controller, NGCII. Besides CCDs, the workhorse detector for ground-based astronomy, we have also brought up Geosnap, a fully digital detector transmitting its pixel data through high-speed digital signals. Meanwhile, we are in the process of preparing CMOS detector systems for large scale deployment. We are developing test tooling for post-production testing, estimating the need for, and starting the procurement of spare parts, and are in the process of performing final environmental tests for CMOS detector specific systems.

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Session Classification: Session 7