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Astronomical Instrumentation for Dark Energy Using Superconductor Detectors (MKIDs)

Friday, 5 September 2014 11:00 (25 minutes)

Dark Energy, the driving force for the accelerated expansion of the Universe, has become one of the largest mysteries in our current understanding of Nature. There are several ongoing, and planned astronomical projects to map large scale structure and geometry of the Universe to investigate this. During this talk we will present the newly developed Microwave Kinetic Inductance Detectors, and discuss how they could play an important role in this scientific quest.

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