

Abstract Submitted  
for the APR09 Meeting of  
The American Physical Society

**Development of Camera Electronics for the Advanced Gamma-ray Imaging System (AGIS)** HIROYASU TAJIMA, SLAC, AGIS COLLABORATION — AGIS, a next generation of atmospheric Cherenkov telescope arrays, aims to achieve a sensitivity level of a milliCrab for gamma-ray observations in the energy band of 40 GeV to 100 TeV. Such improvement requires cost reduction of individual components with high reliability in order to equip the order of 100 telescopes necessary to achieve the sensitivity goal. We are exploring several design concepts to reduce the cost of camera electronics while improving their performance. We have developed test systems for some of these concepts and are testing their performance. Here we present test results of the test systems.

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Date submitted: 10 Jan 2009

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