

Abstract Submitted
for the APR13 Meeting of
The American Physical Society

ACTPol: Receiver Characterization, Instrument Deployment and Current Status LAURA NEWBURGH, Princeton University, ACTPOL COLLABORATION — ACTPol is a new polarization sensitive receiver for the 6 m Atacama Cosmology Telescope, forming an instrument that will enable a wide range of science goals. The full focal plane will contain >3000 transition edge sensors with central frequencies around 90 GHz and 150 GHz and operating at 100 mK. Currently 30% of this focal plane has been integrated and will be deployed at the site in Chile. In this talk I will discuss the laboratory characterization, deployment, and status of the instrument.

Laura Newburgh
Princeton University

Date submitted: 11 Jan 2013

Electronic form version 1.4