

Abstract Submitted
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SPTpol Results from the First 100 Square Degree Survey ABIGAIL CRITES, Caltech, University of Chicago, SPTPOL COLLABORATION — SPTpol is a polarization-sensitive camera designed to measure the polarization of the cosmic microwave background (CMB) deployed on the 10 meter South Pole Telescope (SPT) in January 2012. I will present our recent results from the 100 square degree survey (the first year of data) focusing on the recently published high signal-to-noise measurement of the E-mode and temperature-E-mode correlation CMB power spectra. Additionally I will show B-mode power spectra, measurements of the gravitational lensing potential, and briefly report on the status of SPTpol results from the full 500 square degree survey.

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