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## News from BICEP/Keck Array CMB program

*Tuesday, 1 August 2017 13:30 (20 minutes)*

The BICEP/Keck Array program comprises a series of telescopes at the South Pole designed to make deep measurements of cosmic microwave background polarization at degree angular scales on a 1% patch of sky. This talk will describe the latest science results from the program, including constraints on inflation, axion-like particles and primordial magnetic fields, as well as a high-significance detection of gravitational lensing. These results were derived using various combinations of 150GHz and 95GHz data collected by the BICEP/Keck receivers through 2014, and multi-frequency data from Planck and WMAP. The talk will also preview imminent science results that include one year of 220GHz data from BICEP/Keck. Finally, we will share plans for BICEP Array, the Stage 3 expansion of the BICEP/Keck program.

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