

The Search for Inflationary B-modes: Latest Results from BICEP/Keck

The BICEP/Keck series of experiments are small aperture refracting telescopes designed to measure the polarization pattern of the Cosmic Microwave Background at degree angular scales. The latest BK15 results use measurements at 95, 150 and 220GHz, in conjunction with additional bands from WMAP and Planck, to constrain the foreground signal and set the limit $r < 0.07$ (95% confidence). I will describe the current instruments, data and analysis, and also the major BICEP Array upgrade which is projected to reach sensitivity of $\sigma(r) \sim 0.003$ within the next five years.

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Abstract Title

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