

Abstract Submitted  
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**Isotropy-violation tests and turbulence for CMB B-mode foregrounds** KEVIN HUFFENBERGER, ADITYA ROTTI, DAVID COLLINS, Florida State Univ — Isotropy-violation tests can be used to assess the level of foreground contamination along different lines of sight. First application of an isotropy-violation test on Planck 353 GHz B-mode polarization data indicated a potential foreground source in the BICEP patch. We also discuss ongoing efforts to characterize the polarization properties of galactic dust via hydrodynamical simulations.

Kevin Huffenberger  
Florida State Univ

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