

Theory Seminar

Monday, October 10, 2011 2:10 PM 831 Pupin Hall

Signatures of Supersymmetry from the Early Universe

Supersymmetry plays a fundamental role in the radiative stability of many inflationary models. I will explain how supersymmetry and naturalness require additional scalar degrees of freedom with masses on the order of the inflationary Hubble scale. These fields lead to distinctive non-gaussian signatures that may be observable in both the CMB and large scale structure.



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