

JOINT TUFTS/MIT COSMOLOGY SEMINAR

Multifield Inflation with Nonminimal Couplings: Lessons from PLANCK

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The anomalous deficit of power in the low multipoles from the Planck experiment's anisotropy measurements may indicate the presence of primordial isocurvature perturbations. Nonminimally coupled multifield inflation models generically provide a viable mechanism for their origin, as well as excellent agreement with other Planck results. I will describe the covariant formalism developed to treat these models and discuss their observational signatures.

Tuesday, November 5, 2013, 2:45 pm
Cosman Seminar Room
Center for Theoretical Physics
Building 6C, Room 6C-442
Massachusetts Institute of Technology
Refreshments at 2:30 in the same room