

# JOINT TUFTS/MIT COSMOLOGY SEMINAR

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## *Signatures from Excited Initial States*

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We will present back-reaction constraints on excited initial states and their effect on the power spectrum, non-gaussianities and the tensor-to-scalar ratio. An example of excited initial state arises when the metric at the beginning of inflation is an anisotropic Bianchi I instead of an FRW. We will describe this state and its signatures.

Tuesday, October 21, 2014, 2:30 pm

Cosman Seminar Room

Center for Theoretical Physics

Building 6C, Room 6C-442

Massachusetts Institute of Technology

Refreshments at 2:00 in the same room