JOINT TUFTS/MIT COSMOLOGY SEMINAR

Density Perturbations in Hybrid Inflation Using a Free Field Theory Time-Delay Approach

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Using the Gaussian probability distribution of the mode amplitudes, we express the time-delay power spectrum as an integral which can be carried out numerically. A characteristic of the spectrum is the appearance of a spike at small length scales, which could conceivably seed the formation of black holes that can evolve to become the supermassive black holes found at the centers of galaxies.

Tuesday, November 20, 2012, 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