JOINT TUFTS/MIT COSMOLOGY SEMINAR

The simplicity of two dimensional nearly AdS_2 or dS_2 gravity and its connection to four dimensional physics.

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After reviewing how certain black holes develop AdS_2 or dS_2 regions, we will describe some observables that are dominated by physics in these regions. Quantum gravity effects become relatively simple and calculable in this regime. We will describe various applications from wormholes to the computation of the Hartle-Hawking wave function for certain non-trivial topologies.

Tuesday, February 26, 2019, 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