

JOINT TUFTS/MIT COSMOLOGY SEMINAR

Vacuum Selection from Cosmology on Networks of String Vacua

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Large sets of Calabi-Yau manifolds, relevant for constructing 4d effective field theories from string theory, form a connected network of geometries, via topological transitions between them that correspond to zero-energy deformations (motion in moduli space). I will discuss how this structure may determine leading-order vacuum transitions, and how the network structure can therefore provide a notion of vacuum selection in the string landscape.

Tuesday, February 20, 2018, 2:30 pm
574 Boston Ave, Room 310
Tufts University

Refreshments at 2:00 outside room 304