TEP Seminar

UCLA

Tuesday, May 21st @ 4pm
Physics & Astronomy Building (PAB) 4-330

"Two Dimensional de Sitter Gravity"

Gustavo Joaquin Turiaci (UC Santa Barbara)

Abstract: In the first part of this talk, I will analyze two dimensional Jackiw-Teitelboim gravity with positive cosmological constant. I will study the no boundary wavefunction of the universe and comment on non perturbative effects. In the second part, I will explain the relevance of this previous analysis to the computation of the no boundary wavefunction in higher dimensional gravity. Based on recent work with J. Maldacena and Z. Yang.