



ICTS Seminar

Title : Emergent spacetime through indices

Speaker : Nathan Benjamin, Stanford University, USA

Date : Tuesday, February 14, 2017

Time : 2:30 PM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : It is of interest to find criteria on 2d conformal field theories which are holographically dual to large-radius gravity in AdS₃. In this talk, I will discuss various quantities computable for supersymmetric 2d CFTs which give criteria as to whether or not the CFTs admit a dual large-radius gravity description with $L_{\text{string}} \ll L_{\text{AdS}}$. I will explore these using symmetric orbifolds and the D1/D5 system as test cases.