



ICTS String Seminar

Title : Quasinormal ringdown in the SYK model

Speaker : Matthew Dodelson (Harvard University, USA)

Date : Thursday, 17 October 2024

Time : 4:30 PM

Abstract : Thermal correlators in large N systems equilibrate at late times, but the precise late-time behavior is unknown away from holographic and free field limits. In this talk I will analyze this problem in the case of the SYK model away from the low-temperature limit, finding a discrete spectrum of quasinormal modes. The basic technique is a resummation of perturbation theory which is reminiscent of the double cone construction. We will also discuss the interpretation of the result in terms of a dual stringy black hole.

Venue : Online

Zoom Link: <https://icts-res-in.zoom.us/j/9624431380?pwd=T3NsMHc4SF1ENmdTMmsxM0VibDFqQT09&omn=96141460944>

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