



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=T3NsMHc4SFJlENmdTMmsxM0VibDFqOT09&omn=96141460944>
Meeting ID: 962 443 1380
Passcode: 0s5Six