



ICTS

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TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS String Seminar

Title : State dependence and its discontents

Speaker : Suvrat Raju (ICTS-TIFR, Bengaluru)

Date : Thursday, 16 October 2025

Time : 2:00 PM (IST)

Abstract : I will review old paradoxes about large black holes in AdS that suggest that the CFT might not provide an adequate description of the black-hole interior. I will also review a proposed resolution of these paradoxes through the idea that the map between bulk and boundary operators might be state dependent. However, state dependence leads to additional paradoxes that have been only partially resolved.

Venue : Chern Lecture Hall

Zoom Link: <https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmQ4ZG9KRzVhenRKZz09>

Meeting ID: 880 9276 6911

Passcode: 232322