



ICTS String Seminar

Title : Bootstrapping the physics at finite temperature

Speaker : Minjae Cho (The University of Chicago, USA)

Date : Wednesday, 16 October 2024

Time : 3:30 PM

Abstract : Physical systems at finite temperature present a rich array of intriguing questions. However, studying their physical observables is not always straightforward, as it a priori requires tracing over the entire state space. In this talk, we explore how the bootstrap approach of imposing consistency conditions provides a powerful framework for studying finite temperature observables in both statistical and quantum mechanical systems. We focus on two prototypical examples to illustrate this idea: the statistical Ising model on the lattice and large N ungauged matrix quantum mechanics.

Venue : Emmy Noether seminar room

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

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