



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=R3ZrVk9veW96ZmQ4ZG9KRzVhenRKZz09>
Meeting ID: 880 9276 6911
Passcode: 232322