ICTS String Seminar

Title : Topological recursion for hyperbolic string field theory

Speaker : Atakan Hilmi Firat (University of California, Davis, USA)

Date : Thursday, 03 October 2024

Time : 10:00 AM (IST)

Abstract : In this talk, I will demonstrate that the elementary interactions of closed string field theory based on hyperbolic vertices obey a recursion relation akin to Mirzakhani's recursion for the Weil-Petersson volumes of moduli spaces of Riemann surfaces. The emphasis will be on the implications of this structure for the non-perturbative features of closed string field theory and its solutions. Based on 2409.02982.

Venue : Chern Lecture Hall
Zoom Link: https://icts-res-in.zoom.us/j/88092766911?pwd=R3ZrVk9yeW96ZmQ4ZG9KRzVhenRKZz09
Meeting ID: 880 9276 6911
Passcode: 232322