



ICTS

INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS String Seminar

Title : Looking for a bulk point in general geometries

Speaker : Simon Caron-Huot (McGill University, Canada)

Date : Monday, 19 January 2026

Time : 3:30 PM (IST)

Abstract : In a spacetime with asymptotically anti-de-Sitter boundaries, localized bulk events produce characteristic signals at boundary locations that are lightlike from the event. I will describe (thought) experiments that use boundary wavepackets to measure the bulk geometry and bulk scattering amplitudes using these signals, and discuss some new signatures of bulk causality and local dynamics on boundary correlation functions. Based on 2501.13182, 2502.14963.

Venue : Chern Lecture Hall

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

Meeting ID: 880 9276 6911

Passcode: 232322