



ICTS

INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS String Seminar

Title : Geometry from branes

Speaker : Pranav Pandit (ICTS- TIFR)

Date : Wednesday , 30 September 2026

Time : 03:30 PM (IST)

Abstract :

What does geometry look like when branes, rather than points, are taken as the primitive objects? I will describe an emerging categorical framework that gives concrete mathematical form to some of the structures one might expect in such a geometry, drawing together ideas and questions from long-standing programs in several areas of mathematics. Key ingredients are categorical incarnations of boundary RG flows and g-theorem-type monotonicity, Zamolodchikov-type metrics, and BPS conditions. Based on joint work with F. Haiden, L. Katzarkov and M. Kontsevich.

Venue : Emmy Noether Seminar Room

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

Meeting ID: 880 9276 6911

Passcode: 232322