

## ICTS Monthly Colloquium

**Title** : In search of quantum geometry

**Speaker** : Pranav Pandit (ICTS – TIFR, Bengaluru)

**Date** : Monday, 29<sup>th</sup> November, 2021

**Time** : 03:30 pm (IST)

**Abstract** : Notions of geometry have evolved throughout the history of mathematics, often in parallel with developments in physics. I will discuss a recent chapter in this story. This chapter is deeply interwoven with ideas from string theory. In the type of geometry that I will describe, higher categories play the role of geometric spaces. The theory will be illustrated by examples drawn from diverse areas of mathematics.

**Venue** : HYBRID MODE

Offline: Ramanujan Lecture Hall (ICTS Members only)

Online: Please click on the below link to join the colloquium

<https://us06web.zoom.us/j/89363612075?pwd=OWxtVTFyM3MxMEDqTlUZ5d0trRFpmdz09>

Meeting ID: 893 6361 2075

Passcode: 292911