



Department of
Theoretical Physics

THE QUANTUM SPACETIME SEMINAR SERIES

Quantum ergodicity, holography and geometry

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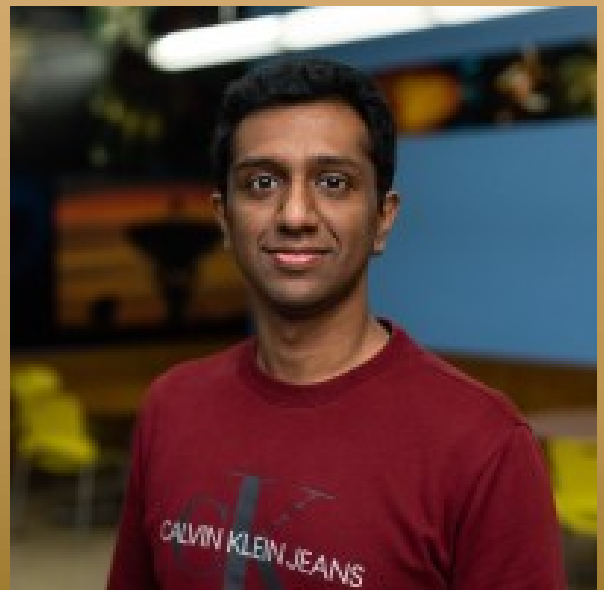
(NYU, Abu Dhabi)

Date: July 15, 2024

Time: 3 PM IST

Venue: A304

Zoom link shall be shared separately



Holographic duality has revolutionized our understanding of quantum gravity and the nature of spacetime. However, the emergence of geometry from holographic principles remains an open question. Inspired by results from Tomita-Takesaki modular theory and connections to quantum versions of ergodicity, in this talk we will discuss recent progress in understanding the emergence of geometry in holographic duality.