



Department of  
Theoretical Physics

# THE QUANTUM SPACETIME SEMINAR SERIES

## Quantum Quench in Matrix Quantum Mechanics and time dependent backgrounds in 2d strings

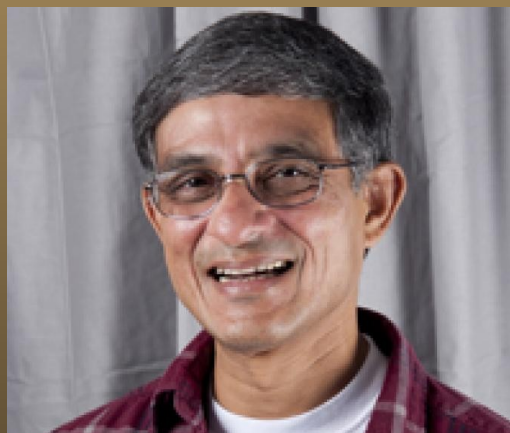
**Sumit Das**

(University of Kentucky)

**Date:** July 22, 2019

**Time:** 11.30 am

**Venue:** AG 69, TIFR



We find solvable quantum quench protocols in  $c=1$  matrix model with a time dependent coupling and explore aspects of emergent time dependent space-times.