



Department of  
Theoretical Physics

# THE QUANTUM SPACETIME SEMINAR SERIES

## Aretakis Instability

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**Date:** Aug. 06, 2018

**Time:** 11.30 am

**Venue:** A-304, TIFR



In this talk, I will discuss the subject of the instability of extremal black holes. One of the topics I will focus on is the decay of scalar perturbation on and outside the horizon of an extremal Reissner-Nordstrom black hole, and the importance of AdS<sub>2</sub> physics in such an analysis.