

ICTS String Seminar

Title : Gravitational probes with memory

Speaker : Akhil Sivakumar (ICTS-TIFR, Bangalore)

Date : Wednesday, 18th November 2020

Time : 11:00 am (IST)

Abstract : Blackholes are interesting mainly due to two reasons. The first is that they give rise to irreversible dynamics - event horizons mark a region of no return. Secondly they produce Hawking radiation. While the first dissipative behaviour is well studied, the physics of fluctuations or Hawking radiation is not. In this talk I will present preliminary results on understanding the real-time Hawking fluctuations around an AdS blackbrane. The techniques we develop give a clean separation of short lived and long lived dynamics of the blackbrane.

ICTS : Please register at

virtual [https://docs.google.com/forms/d/e/1FAIpQLSf0jLgoqiOgDnxbEBGiuIWiOmh9
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seminar

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Recordings of past talks can be found here:

<https://www.youtube.com/channel/UCw9LdPQ5t7Q7muD0qzn70TA>