



ICTS

INTERNATIONAL
CENTRE *for*
THEORETICAL
SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

ICTS String Seminar

Title : On the density matrix of the Hawking radiation

Speaker : Douglas Stanford (Stanford university)

Date : Wednesday, July 08, 2020

Time : 09:00 am

Abstract : We set up the computation of the density matrix of the Hawking radiation by computing inner products of black hole states projected onto different histories of Hawking radiation. A simple computation of these inner products suggests that an ensemble average is implicit in the simple gravity description.

Online Seminar : Please click on the below link to join the zoom meeting
<https://zoom.us/j/91316740279?pwd=UmxBZVA0dmQrdnNWRkVDR1hWbGVbZz09>

Meeting ID: 913 1674 0279

Password: 9EgWnp

Recordings of past talks can be found here:

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