

## **ICTS String Seminar**

- Title : A Tutorial on Entanglement Island Computations
- Speaker : Raghu Mahajan (IAS, Princeton)
- Date : Wednesday, August 26, 2020
- Time : 10:00 am
- Abstract : In this talk we will present details of quantum extremal surface computations in a simple setup, demonstrating the role of entanglement islands in resolving entropy paradoxes in gravity. The setup involves eternal AdS2 black holes in thermal equilibrium with auxiliary bath systems. We will also describe the extension of this setup to higher dimensions using Randall-Sundrum branes.
- ICTS virtual seminar : Please register at  
<https://docs.google.com/forms/d/e/1FAIpQLSf0jLgoqiOgDnxbEBGiuIWiOmh9WX8caH-pr13qDBZOO91lmg/viewform>  
(Links to join the seminars will be sent to your registered email address)

Recordings of past talks can be found here:

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