



Contribution ID: 40

Type: **Long talk (20 mins)**

Information recovery in JT gravity

Friday, 16 December 2022 13:00 (30 minutes)

I will discuss the information recovery problem for an object thrown into a black hole in JT gravity using the quantum extremal surface prescription. In particular, I will show how to reproduce the Hayden-Preskill decoding criterion but with some refinements, which include the effect of the backreaction of the infalling object.

Type of presentation

20 minute talk

Would you be interested in receiving feedback on your presentation?

Yes

Are you happy for your talk to be recorded?

Yes

Other categories:

quantum gravity, quantum information

Please select the most relevant category

Holography

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Session Classification: Full Length Talks