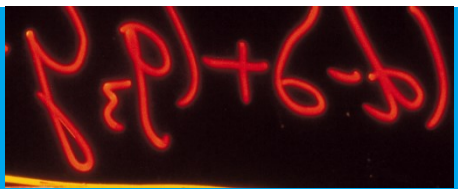
DESY and Universität Hamburg
Quantum Universe ONLINE Colloquium

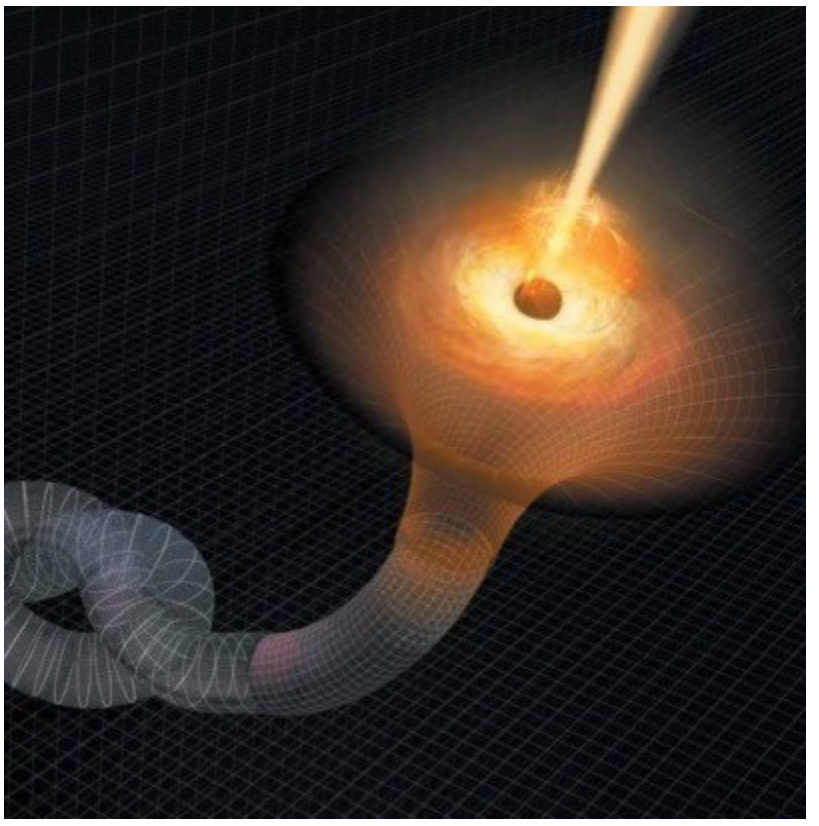


The entropy of Hawking radiation.

Tuesday, 24 March, 2020 Special! **Webcast 16:00 h**

Juan Maldacena (IAS Princeton)

We will review developments over the past decade on a new formula for computing gravitational entropy. This formula gives the fine grained, or von Neumann, entropy of the black hole in terms of the area of a certain minimal surface. Using this it is possible to compute the entropy of the radiation that comes out of a black hole. With this new formula one obtains a result that follows the results expected for a unitary theory, as opposed to the result obtained by Hawking.



Please note:

This is a VIDEO COLLOQUIUM!

Connection details at https://cern.zoom.us/j/2289137152

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