Sixteenth Marcel Grossmann Meeting



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Type: Talk in the parallel session

Information recovery from evaporating black holes

Monday, 5 July 2021 17:30 (25 minutes)

We show that the apparent horizon and the region near r=0 of an evaporating charged, rotating black hole are timelike. It then follows that for black holes in nature, which invariably have some rotation, have a channel, via which classical or quantum information can escape to the outside, while the black hole shrinks in size. We discuss implications for the information loss problem.

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