

The case of the (still) mysterious Universe



Black holes and quantum mechanics

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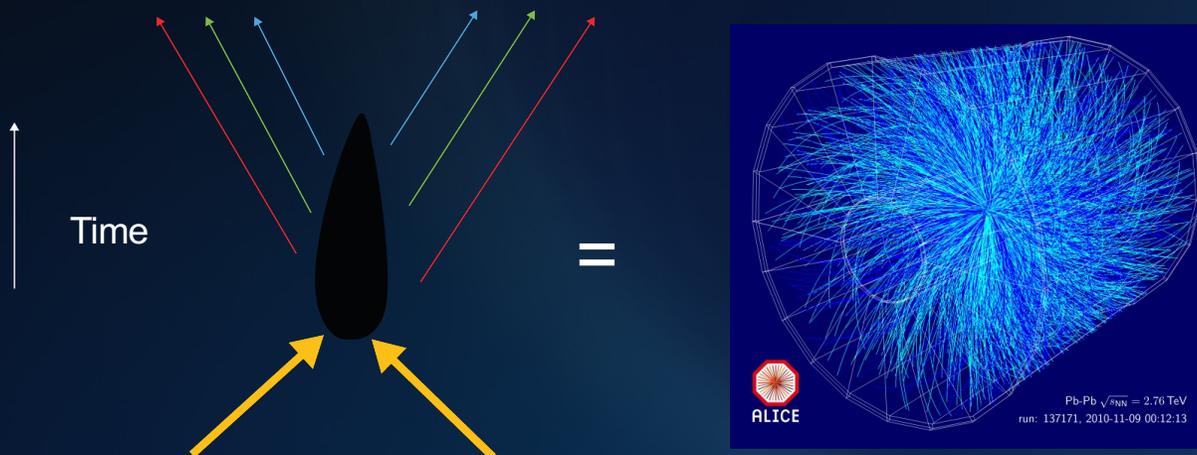
Hawking radiation



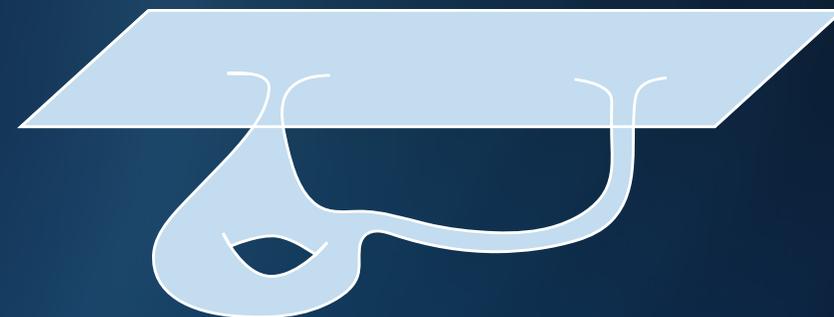
Where does the quantum information go?

Black holes = quantum systems

View from outside:



Geometry of the interior:



Precise quantum information,
including entanglement.

Penington, Almheiri, Engelhardt, Marolf,
Maxfield, Saad, Shenker, Stantford,
Yang, Hartman, Shaghoulian, Tajdini

Precise quantum information and geometry of the interior

