

Tuesday, February 17th @ 2pm
Schwinger Lounge

“Near-extremal black hole evaporation”

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Abstract: Over the last few years it has been understood that black holes sufficiently close to extremality receive large quantum corrections that modify their thermodynamic properties. In this talk I will explain how these large quantum corrections modify the real time dynamics of near-extremal black holes. In particular, the spectrum of emitted Hawking radiation differs drastically from the predictions of QFT in curved spacetime.