

## "Semi-Classical Gravity as Effective Field Theory and the Information-Loss Paradox"

I analyze the structure and content of the Information-Loss Paradox, explaining what exactly the apparently problematic proposition is at its heart and what assumptions are required for deriving it. I then discuss what bearing a resolution of the paradox could have on attempts to formulate a theory of quantum gravity, in light of the fact that the framework of semi-classical gravity, in which the paradox is derived, is merely an effective field theory. I discuss two different ways one might treat semi-classical gravity as an effective field theory, and analyze the different possible consequences for each on the paradox. I conclude that the paradox is not necessarily problematic, though for reasons quite different from those of physicists such as Unruh and Wald and philosophers such as Maudlin, who come to a similar conclusion.