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Don't Kill the Messenger: Electromagnetic Spectroscopy of Back Holes

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The advent of gravitational wave astronomy has fundamentally changed our view of Black Holes, as far as their demographics are concerned. Likewise, the VLBI submm interferometric observations have finally directly shown us the relativistic distortions of spacetime close to a Black Hole. We may also detect neutrinos from extragalactic sources. I will argue that these novel observations nicely complement, but not supersede, the capabilities of 'classical' electromagnetic observations, specially spectroscopic ones.

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