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Realistic (?) Quantum Black Holes at the LHC¹

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If the fundamental scale of gravity is low enough, we may start probing quantum gravitational physics at the LHC, perhaps even through the creation of microscopic black holes. Since such black holes will be created in the collisions of partons, they are likely to be charged, colored, rotating, and moving. How do they evolve? Will we know when we make one?

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