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Phenomenology of Magnetic Black Holes

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Magnetically charged black holes are interesting solutions of the Standard Model and general relativity. They may possess a "hairy"electroweak-symmetric corona outside the event horizon, which speeds up their Hawking radiation and leads them to become nearly extremal on short timescales. Their masses could range from the Planck scale up to the Earth mass. I will present various methods to search for primordially produced magnetic black holes and provide estimated upper limits on their abundance.

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