

Primordial black holes: a dark matter candidate in the ultra-high frequency gravitational wave window

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Primordial Black Holes might have originated in the early universe from the collapse of large overdensities and could constitute a sizeable portion of dark matter. Recently, they have gained considerable attention because of the various gravitational wave (GW) signatures associated with this scenario, making them testable with current and future GW experiments. In this talk, I will provide an overview of the current status of GW searches for this distinctive dark matter candidate, and discuss, in particular, the GW signatures that could be present in the ultra-high frequency window.

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