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The Primordial Black Holes Variations

Thursday 1 October 2020 17:50 (25 minutes)

In the age of gravitational wave astronomy, the possibility that some of the black holes in the universe have a primordial, rather than stellar origin, and that they might be a non-negligible fraction of the cosmological dark matter, is quite intriguing. I will review the status of the field, and comment on search strategies and future prospects for detection across many decades in black hole mass. I will also discuss how light primordial black holes could seed both baryonic and particle dark matter in the very early universe.

Is this abstract from experiment?

No

Internet talk

Yes

Name of experiment and experimental site

Is the speaker for that presentation defined?

Yes

Details

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