Workshop on Astro-particles and Gravity



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Imprints of Mini Primordial Black Holes in Cosmological Data

Wednesday 21 September 2022 14:00 (30 minutes)

I will present recent developments regarding the effect of the primordial black hole evaporation on the cosmological evolution of the Universe, the relic density of dark matter, and the abundance of dark radiation measurable in the CMB spectrum. As we will see, extended distributions of primordial black holes evaporating in the early Universe may leave traces that will be measurable by various cosmological observatories or dark particle searches.

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