Primordial Black Holes as Dark Matter Candidates

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In this talk I will overview the physics of primordial black holes formation and discuss their statistical distribution.

References:

[1] V. Atal and C. Germani, `The role of non-gaussianities in Primordial Black Hole formation,' arXiv:1811.07857 [astro-ph.CO]

[2] C.~Germani and I.~Musco, `The abundance of primordial black holes depends on the shape of the inflationary power spectrum,' arXiv:1805.04087 [astro-ph.CO].