



Contribution ID: 138

Type: **not specified**

Primordial black holes in the Galaxy dark matter halo

If primordial black holes exist in the Galaxy dark matter halo, they must collide with neutron stars, producing light black holes LBH. These LBH may be detected by microlensing. Collisions of LBH with stellar mass BH and neutron stars are detectable in gravitational waves by Ligo, Virgo and Kagra interferometers.

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Session Classification: Parallel