

# Merger rate of primordial black holes

*Tuesday, 12 December 2023 09:10 (50 minutes)*

I shall present some details how to compute the PBH merger rate and show results of a dedicated simulation of PBH clustering at the early Universe. I apply the results to fit LIGO data and derive constraints on PBH abundance. I discuss the possibility that LIGO has observed two populations of black holes, astrophysical and primordial.

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