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## CMB bounds on primordial black holes

*Friday, July 7, 2017 10:30 AM (15 minutes)*

I will describe the physical mechanisms and the actual bounds that CMB anisotropy studies put on primordial black holes, notably if they constitute a sizable fraction of dark matter. Both mass-independent gravitational effects (linked to mergers) and mass-dependent ones (due to electromagnetic energy injection) will be covered. I will also briefly comment on the complementarity of other cosmological bounds (primordial nucleosynthesis, large scale structures, CMB spectral distortions) and on some future prospects.

### Experimental Collaboration

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