

Gravitational waves and modified gravity

Tuesday 19 June 2018 09:00 (35 minutes)

I will discuss the implication of the recent measurement by LIGO of the speed of gravitational waves on models of modified gravity, mainly for mechanisms for acceleration but also for alternatives to dark matter. I will discuss the remaining parameter space and the sort of physics we might still expect to see in the upcoming generation of cosmological surveys focused on measuring the properties of the dark sector.

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