Contribution ID : **44** Type : **not specified**

Probing the substructure of dark matter with gravitational wave lensing

Thursday, 5 May 2022 15:00 (15)

As the number of events that gravitational wave detectors detect increases, the expectation of finding lensed events increases. We will consider the implications of different dark matter models to this and show that the lensing of gravitational waves is going to be a powerful and complementary tool to microlensing of light to constrain dark matter models.

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