

Phenomenology: Observational phenomena on black hole with dark matter dress

Tuesday, September 5, 2023 2:30 PM (15 minutes)

The accretion of dark matter around the black hole could lead to the formation of surrounding halo. Such a dark matter dressed black hole can leave characteristic imprints in the observations including gamma-ray, gravitational lensing and gravitational waves. In this talk, I will talk several observational phenomena on the black hole with dark matter dress.

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Session Classification: Parallel Sessions