HIPSTARS 2022 - Workshop on Heavy Ion Physics and Compact Stars

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Type: Talk

Scalar field mass estimation from the existence of Dynamical Gravastar

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A value for the mass of the scalar field is estimated from conjecturing the existence of Dynamic Gravastars as Black Hole candidates.

This mass is determined assuming that the mass of the DG corresponds with the intermediate mass gap, fixing around the values determined in GW190521 by the gravitational wave experiments Ligo-Virgo.

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