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Black hole mimickers and the limits of GR

Monday, 5 July 2021 16:50 (20 minutes)

We consider a class of exact solutions of Einstein's equations that describe a black hole mimicker for which the relativistic description would fail close to the horizon scale. We investigate how such an hypothetical object may be distinguished from a black hole via observations.

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Session Classification: Theories of Gravity: Alternatives to the Cosmological and Particle Standard Models

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