



Contribution ID: 535

Type: **Invited talk in the parallel session**

## 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

**Track Classification:** Alternative Theories: Theories of gravity: alternatives to the cosmological and particle standard models