



Contribution ID: 615

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

Quasinormal modes of rapidly rotating black holes

Friday, 12 July 2024 15:00 (30 minutes)

We present the spectrum of quasinormal modes of rapidly rotating black holes. We apply a spectral decomposition on the perturbations of the metric and other dynamical fields. We compare our results with the modes computed using other methods, study the accuracy of our calculations, and investigate the application of our method to black holes in alternative theories of gravity.

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Session Classification: Black holes in alternative theories of gravity

Track Classification: Black Holes: Classical and Beyond (BH): Black holes in alternative theories of gravity