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## New horizons in black hole physics

*Tuesday 20 June 2023 15:00 (1h 20m)*

One of consequences of General Relativity is that vacuum black holes are remarkably simple macroscopic objects. They are thus ideal laboratories to test the underlying theory and to search for new degrees of freedom. I will discuss recent progress in black hole spectroscopy and in our understanding of black hole environments using gravitational-wave observations.

**Presenter:** CARDOSO, Vitor (Niels Bohr Institute and Lisbon, IST)