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## Searches for Exotic Higgs-like boson decays at LHCb

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LHCb has made a series of searches sensitive to Higgs-like bosons and their decays. These analyses include searches for long-lived particles produced in the decays of such resonances, with these particles decaying to various final states probed in different analyses, and a search for Higgs-like bosons that produce lepton-flavour-violating decays, producing a tau mu final state. The unique design of the LHCb detector, with a flexible trigger and a precision vertex detector, enables competitive and world-best limits, particularly for low mass states, and for states that have a low lifetime. These results, along with future prospects, will be presented.

### Collaboration name

LHCb collaboration

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