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Type: **Parallel Talk**

Searches for resonances decaying to pairs of Higgs boson in ATLAS

Friday, 8 July 2022 17:00 (15 minutes)

Several physics scenarios beyond the Standard Model predict the existence of new particles that can subsequently decay into a pair of Higgs bosons. This talk summarises ATLAS searches for resonant HH production with LHC Run 2 data. Several final states are considered, arising from various combinations of Higgs boson decays.

In-person participation

Yes

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