

Cornering charming Higgs decays

Friday 17 January 2020 17:00 (20 minutes)

This talk discusses on how to identify events with fatjets from charming Higgs decays, $H \rightarrow cc$, at the LHC. To reduce the overwhelmingly large backgrounds and to reduce false positives, we consider applying a combination of jet shape observables and imaging techniques, using a selection of neural network architectures.

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Session Classification: Applications