

Low-mass Higgs searches at CMS

Tuesday, November 5, 2024 10:20 AM (20 minutes)

We present searches for a resonance production in the diphoton final state with a mass lower than 125 GeV, predicted by several theoretical models beyond the standard one, as for example axion-like particles. Different possible production modes at the LHC are investigated.

Primary track

Is the speaker a PhD student or post-doc?

No

Presenter: XIAO, Jie (Centre National de la Recherche Scientifique (FR))

Session Classification: BSM Higgs physics 1 - sal IX

Track Classification: BSM Higgs physics