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Search for additional Higgs bosons at high mass decaying to WW with the CMS experiment

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An integrated luminosity of 138 fb-1 collected by CMS during Run 2, allows to perform search for new particles with unprecedented sensitivity. The search for a scalar particle with higher mass than the Higgs Mass boson is performed investigating resonances that decays into two W bosons. Results are interpreted in a model independent way as well as in various extensions of the standard models, such as the Two Higgs Doublet Model (2HDM) and a specific subset of the Minimal Supersymmetric Standard Model (MSSM). In this poster the latest updates in the H->WW channel will be presented

Alternate track

I read the instructions above

Yes

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