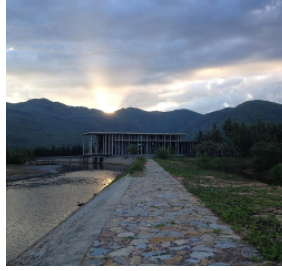


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Search for low mass Higgs-boson like resonances at CMS

Tuesday 12 July 2016 12:45 (20 minutes)

Searches for additional scalars and pseudoscalar with masses below the newly discovered higgs boson $h(125)$ are performed at CMS experiment . These searches are motivated within several BSM theories, most significantly extensions of the minimal extensions of the MSSM like the NMSSM, where additional scalar and pseudoscalar states are expected. The mass range from 250 MeV to 110 GeV is explored with different final states based on CMS Run1 data.

Summary

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