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Combined measurements of Higgs boson cross sections and couplings at CMS

Wednesday, 29 November 2023 14:20 (15 minutes)

The best possible understanding of the Higgs boson and its interactions is achieved via combining measurements of the different Higgs boson production modes and decay channels. This talk focuses on the results of the latest Higgs boson combinations performed by the CMS experiment. The results are extracted using the full CMS Run 2 dataset. After detailing the procedure for the combinations, measurements of Higgs boson signal strengths, cross sections and couplings to SM particles will be presented.

You are

non-PhD student

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