

30th International Symposium on Lepton Photon Interactions at High Energies



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Measurements of Higgs boson couplings and differential cross-sections

Tuesday, January 11, 2022 5:06 PM (16 minutes)

With Run-3 of the LHC fast approaching, the analyses of the full Run-2 dataset for Higgs precision couplings and differential cross-sections are being completed. The talk will cover the $4l$, diphoton, WW , di-tau and bb channels, as well as dedicated measurements in $t\bar{t}H$ and VH production. These measurements provide the greatest global constraints on our knowledge of Higgs boson properties to date from CMS.

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