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Recent updates on Higgs properties measurement at CMS and ATLAS

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After 10 years of the Higgs boson discovery, the leading Higgs production and decay channels have been observed at the Large Hadron Collider, i.e: ggF, VBF, WH, ZH, ttH and H→bb, WW, \(\omega \), ZZ, \(\omega \) etc. The measurement of Higgs couplings with vector bosons and with third generation of fermions has reached to 10%-15% level of precision. Moreover, Higgs self-coupling as well as Higgs couplings with muon-lepton and charm-quark are also constrained. All those measurements are in agreement with SM predictions, which plays strict constraints to new physics at the Electroweak scale. In this talk, latest updates of the Higgs properties measurements and prospectives at the LHC will be presented.

Presenter: LIU, Kun (TDLI / SJTU)