

HH production at the High-Luminosity LHC with CMS

Friday 6 July 2018 15:30 (15 minutes)

The High-Luminosity Large Hadron Collider (HL-LHC) is expected to deliver an integrated luminosity of up to 3000 fb⁻¹. The very high instantaneous luminosity will lead to about 200 proton-proton collisions per bunch crossing (“pileup”) superimposed to each event of interest, therefore providing extremely challenging experimental conditions. CMS prospects on Higgs self-coupling measurements and HH production at the HL-LHC are presented.

Primary author: CADAMURO, Luca (University of Florida (US))

Presenter: CADAMURO, Luca (University of Florida (US))

Session Classification: Higgs Physics

Track Classification: Higgs Physics