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Precision Calculations to Top- and Bottom-Yukawa Couplings within the SM and BSM

Thursday, July 6, 2017 4:30 PM (15 minutes)

In this talk we would like to report on our recent calculations of the mixed QCD-EW corrections to the top- and bottom Yukawa couplings within the Standard Model (SM) and beyond (THDM, MSSM). After a brief review of the SM calculations, we would like to concentrate on the comparison SM/BSM and on the non-decoupling behavior of these corrections that might open a new window to indirect searches for new physics.

Experimental Collaboration

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