Contribution ID: 49 Type: not specified

Electroweak corrections

Tuesday, 31 May 2016 17:30 (20 minutes)

Summary

In view of the unprecedented energy regime that is now accessible at the LHC and the continuous increase in luminosity, having the most accurate theory predictions to compare against the experimental data is becoming more and more important. Although electroweak corrections are

typically less pronounced compared to higher-order QCD corrections, they can be enhanced in various situations such as in the high-energy tails of distributions. In this talk I will briefly outline the general features of electroweak corrections and present some recentcalculations.

Presenter: Dr HUSS, Alexander (ETH Zurich) **Session Classification:** EW + Top + Higgs