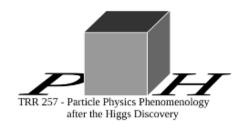
Young Scientists Meeting of the CRC TRR 257



Contribution ID: 2 Type: talk

Two-loop Leading Yukawa corrections to gg->HH

Friday, June 10, 2022 1:30 PM (30 minutes)

In this talk, I will present the analytic calculations of leading two-loop Yukawa corrections to the Higgs pair production in the high energy limit. These corrections are introduced by exchanging a virtual Higgs boson between top-quark lines. In particular, I will discuss the Mellin-Barnes and differential-equation methods for the calculations of fully massive two-loop box master integrals in the high energy expansions.

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Session Classification: Young scientists talks