QCD@Work - International Workshop on QCD - Theory and Experiment



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Forward Higgs production: a challenge in high-energy perturbative QCD

Wednesday, 19 June 2024 09:00 (30 minutes)

The forward production of a Higgs boson in proton-proton collisions can be described within high-energy QCD factorization. The key ingredient is the so-called Higgs impact factor, whose calculation in the next-to-leading order for infinite top mass turned out to be very challenging.

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