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Towards Higgs boson production in weak boson fusion at higher orders with realistic final states

Thursday, 12 May 2022 12:05 (15 minutes)

I present new results for fully differential next-to-next-to-leading-order QCD corrections to Higgs boson production in vector-boson fusion in the factorizing limit. In contrast to earlier computations of this process, decays of the Higgs boson at leading order are included.

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