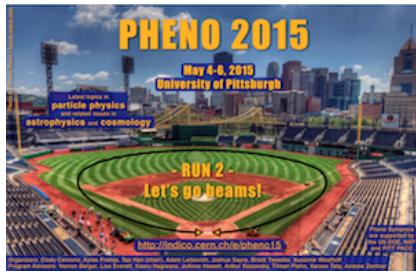


Phenomenology 2015 Symposium



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Higgs characterisation at NLO in QCD: CP properties of the top-quark Yukawa interaction

Monday 4 May 2015 14:45 (15 minutes)

At the LHC the CP properties of the top-quark Yukawa interaction can be probed through Higgs production in gluon fusion or in ttH/tH. We consider the possibility for both CP-even and CP-odd couplings to the top quark to be present, and study CP-sensitive observables at next-to-leading order (NLO) in QCD, including parton-shower effects.

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