

(0925020) **ONLINE Seminar zur Elementarteilchentheorie**
Donnerstags, **17:15 Uhr**, Physik West - SE 22.00.17

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Radiative corrections to Higgs decays in various Higgs sectors

Abstract

We discuss the impact of higher order corrections to decay branching ratios of the Higgs boson with a mass of 125GeV in various extended Higgs models, such as the singlet extension of the standard model, two Higgs doublet modes, the inert doublet model and so on.

We show how these extended Higgs models can be discriminated by precise measurements of the branching ratios at future collider experiments.