

PAUL SCHERRER INSTITUT



Particle Theory Seminar

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“Loop Corrections to Weak Boson Fusion”

Friday, December 12, 2008, 11:00

WBGB/021

Abstract:

Higgs production via weak boson fusion is a very promising channel at the LHC - not only due to its discovery potential, but also because of the possibility of using it to study the coupling between weak bosons and a Higgs. I will present the results of Monte Carlo calculations incorporating higher order corrections to this process, both in the Standard Model and the (complex) MSSM.