

PAUL SCHERRER INSTITUT



Particle Theory Seminar

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PSI

“NLO corrections to gauge boson scattering at the LHC”

Tuesday, March 03, 2009, 12:00 pm

WBGB/021

Abstract:

Gauge boson scattering represents an interesting class of processes highly relevant to Higgs search at the LHC, as well as to searches for new strong interactions beyond the SM. I provide an overview of the most recent studies in this area, as well as techniques and algorithms that make it possible to calculate both tree level and NLO QCD corrections.