

PAUL SCHERRER INSTITUT



Particle Theory Seminar

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“Top Physics and Higgs searches in fully hadronic signatures”

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Abstract:

Fully hadronic channels at particle colliders are often considered of secondary importance as the QCD cross section is usually many orders of magnitude higher than the corresponding one of the interesting signals. I will explain the challenges of hadronic signatures at the CDF experiment at the Tevatron and the tools used to achieve precision measurements in this difficult channels, covering in particular Tevatron measurements in the top sector, and the search of the standard model Higgs boson.