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B physics

Most person at cern. Enrico was asked to help in project with Alberto.

Heavy New Physics

Theory paper accepted for publication, Matteo will be giving a talk to CMS people.

Model for heavy composite particle, a plausibility interpolation imposed to strictly satisfy unitarity in the form of limit.

VBS

In Progress, there is a framework with Nano. Preparing data for 2016.
Mini.

2020 moriond conference.

WH_SS

2016: logical mistake made on the jet cleaning.

2017: Pu reweighting.

2018: in progress.

Same sign dileptons

2018 dataset: Study 3-leptons CR in the context of ttW , ttZ , ttH , tZq signal region. The side band of CR shows disagreement on 2016 dataset requiring ≥ 3 jets.

EPR

Sherpa: fix Exo UFO model width calculation, taking into account for cross section calculation.

Trigger

Preapproval of Muon trigger performance in RUN2 paper. Highlight improvement wrt RUN1.

Detector

DT

Ti mi ng Layer

Tracker

Water leak, CO2 issue, 2/3 weeks ago.

cmsweek: (Tail at the primary vertex) Effect of fake on standard run 2018 on PV, >80. Fake is driven by track at low Pt and low quality. MC do not describe the issues, it will affect the JEC for 2017 dataset.

Trying to setup thesis project for tracking.

A Q B.

-- Si ewYanHoh - 2019-07-01

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