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Action Items:

News:

Framework & production

10-11 April cloud down

Analysis

B physics

BPH workshop + flavor-tagging workshop (Bruxelles). Alberto presents results on muon tagging (extension to low p_T and high η wrt Urs'). High contribution from PU (~ 1 mu per event), removed by cutting on vertex position.

Charged Higgs to top-beauty

Asked to smooth nuisances to avoid bin-by-bin fluctuations in Up/Down template variations. Also, Higgs Combination group proposed to implement all the 26 JEC uncertainty sources (claimed this will be the next requirement for all analyses...)

Dibosons, VZ resonance (V=W,Z)

Both Lisa and Jacopo papers are submitted to JHEP

4B full hadronic

Heavy New Physics

Work in progress on jet-lepton cleaning e usage/reconstruction of FatJets. Heavy Neutrino aims to go for approval in summer, while interactions with theorists are ongoing for Heavy Quarks.

VH SM

2016 nanoAOD ntuples are available. Will wait for 2017 production for new reMiniAOD v2 central campaign (currently ongoing)

Same sign dileptons

Basic distributions in 2016 data look fine. Awaiting 2017 MC. Working on the characterization of the excess observed in 2016.

EPR

Trigger(less)

Full chain is in place. Continuous stream of hits is recorded with no trigger requirements and sent to PC. Andrea also included features in the firmware to include in the stream information from triggers (either external or from coincidences). Occupancy and quality plots look fine. Working on bx assignment.

Detector

DT

Roberto and Sandro will be at CERN next week to discuss with other groups (Spanish + Italian) about commitments and plans for upgrade.

Luminosity & Bril

Discrepancy between HF and PCC to be solved by rescaling. This should reduce the impact of the systematics.

Timing Layer

Tracker

A.O.B.:

-- Main.Franco Simonetto 04-10-2017

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