

Table of Contents

vidyo.....	1
Action Items:	2
News:	3
Framework & production	4
Analysis	4
Dibosons, VZ resonance (V=W,Z).....	4
B physics.....	4
Dark Matter.....	4
hh4b (non resonant).....	4
Same sign dileptons.....	4
Multiple leptons.....	5
EPR	5
Flavor tagging.....	6
Trigger	7
Detector	8
A.O.B.:	

Action Items:

News:

No news

Framework & production

Ugo: working on production of nanoAOD. Preproduction still on 2016 data: all the infos are there. Could be worth to schedule a production soon. Issue concerning lepton IP: stored in a different way wrt Happy framework. The sign does not carry relevant infos (A. Rizzi). We could work on this (?)

Analysis

Dibosons, VZ resonance (V=W,Z)

B physics

Alberto: starting of working on jet-tags. In contact with Leonardo Cristella to organize the work on mu-ID.

Dark Matter

hh4b (non resonant)

Tommaso: checks requested by conveners: modeling of minor BKG: accomplished.

Same sign dileptons

Ugo: long meeting with EXO conveners and sub-conveners last week. Recognized this approach improves the analysis of WW scattering. Some doubts on the systematic error in the bulk of phase space. Additional check required on nanoAOD reprocessed data. Some of the spectra as predicted by MC@NLO are a bit different wrt mine for what concerns rare SM processing (to be checked). Unblinding next month and then decide how to proceed. CADI line still to be opened. In case of negative founding, the work will remain as AN. Tommaso: why do not put a limit on something in case of no discovery? [We should publish after unblinding (in any case) in order not to bias the global picture.] You could ask the EXO conveners to have help. Ugo: due to lack of person power. Probably the global error is a bit underestimated. In any case help is needed. Still to show the improvement for the WW scattering region (same improvement in the bulk of data).

Multiple leptons

Article published on December 1st 2017 in Phys. Rev. Lett. 119, 221802 (DOI:<https://doi.org/10.1103/PhysRevLett.119.221802>, arXiv:1708.07962). Item about seesaw type III is closed.

EPR

Flavor tagging

Trigger

Detector

A.O.B.:

Martino D.: on january finish the postdoc period. Tommaso: seminar by T. Tabarelli (time layer) Idee sugli assegni 2018 asap (deadline next february). Ugo: Jacopo Pazzini will come back from january for one year. Fundings from Wulzer-Zanetti.

-- MartinoDallOsso - 2017-12-11

This topic: Main > CMSPDAnalysis111217

Topic revision: r3 - 2017-12-12 - AndreaGozzelino



Copyright &© 2008-2021 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

or Ideas, requests, problems regarding TWiki? use Discourse or Send feedback