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Act i on I t ems:

News:

No news. Stefano: deadline tomorrow for author list. 26 signature next year. Please check.

Schedula provvisoria del Muon Upgrade workshop 12-14 Sept in

<https://indico.cern.ch/event/751816/contributions/3113400/attachments/1703750/2>

Fr amewor k & pr oduct i on

Federica: No news. Stefano: Storage problems last weeks, now we are fine.

Anal ysi s

B physics

Alessio: P'5 no big news Alberto: Ntuple production ended. Phase II MC produced, studies going to start this week. Muon ID ready w/wo IP and Iso.

Charged Higgs to top-beauty

Jacopo: presentation at the higgs-exo working meeting. Almost reached pre-approval

Di bosons, VZ resonance (V=W Z)

Jacopo: Answering referee comments, no big problem minor fixes.
Co-conveeners,

4B full hadronic

Address all CWR comments. Waiting for the arc to give ok.

Heavy New Physics

High lumi: Preapproval on 15 august. Everything seems ok, but asked for other plots. High energy: Brown group ask for HE samples in order to st

VH SM

Siewyan: produced data/MC plot. Great differences, discussion with Ugo lead to mistakes in computations

Same sign dileptons

Ugo gave presentation on exo group meeting. Method recognized to work, no substantial objection, 15% systematic uncertainties (remarkable since 40% was the state of the art), dominated by CR statics (will be reduced with 2018 data). Still not unblinded due to further refinement needed. Probable competitiveness with ATLAS in type-III Majorana neutrino studies. Polishing the documentation.

EPR

Siewyan: last week presented the Sherpa studies. Validation unsuccessful since GEANT do not accomodate Sherpa.

Trigger (less)

Siewyan: Test bean activities last week. DT tested (the new one). Triggerless read out to follow.

Detector

DT

No news from hardware. Software studies started for high lumi. Longevity studies at p5 with new setting of current. HV moved from 3.6kV to 3.5k, efficiency still over 95%, no aging in the tubes studies. Now trying with monotubes for gas aging studies. Over a period of 2-3 months the current is slowing going down. Not clear how to extrapolate to High Lumi. Status of data taking at p5 is quite stable and do not show deterioration in the gain. All the result summarized: decrease in efficiency small if no background source, but quite large if beam + background are present.

Lum i n o s i t y & B r i l

Timing Layer

Starting to build mcap card in order to study the power and cooling system

Tracker

A Q B :

This topic: [Main](#) > [CMSPDAnalysis270818](#)

Topic revision: [r3](#) - 2018-08-27 - [AlbertoBragagnolo](#)



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