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Act i on I t ems:

Fill the list sent by Federica marking the datasets that you are currently using. **WITHIN END OF THE WEEK.**

News:

Welcome to Paul. He is now effectively a CMS Padova member.

Framework e produzi one

- * cloud (condor) deeply used during xmas break by stefano (to run limit).
 - possible troubles with lustre / ui are probably due to this usage of resources by Stefano.
 - situation should not change for 2-3 weeks.
- * old dataset need to be removed from Legnaro-local.
 - Fill the list sent by Federica marking the datasets that your are currently using. **WITHIN END OF THE WEEK.**
 - Everything before 2015 will be deleted by default unless differently said.

Attività di analisi

Physics

* P'5 - proposed solution run full feynman-cousin. it means 400000 fits on toys. single fit takes 3 minutes.

- result presented to bPag on tuesday.
- preliminary result show that unc obtained are mostly identical to the one obtained with simpler method. plus the unc is bigger than the result difference between the phy conv were present to the meeting and comment has been 'this is insane, why did you do it?' bob was there... he said 'decision was taken by others' *now, direct interaction with phy coordinator and stat committee really do not care more about it.
- plan: finish on half more toys, another 2 weeks of running.

* next 2 weeks - work to setup trigger menu for this year.

- nicola and marina agreed on working on that.
- start from last year path and do checks.

* Paolo: going on with check on miniaod (see if we can survive without aod)

Dark Matter

* 2015 analysis is now carried out by Siew. he is moving to Fermilab (from Murch).

- Jacopo (Brown Univ) will keep going on in this topic and supervise his work.
- summer is target to close work on 2016 data.
- DM discussion in next CMS Italia meeting.

Di bosoni, VZ risonante (V=WZ)

* formal approval of B2G analysis (ICHEP dataset) for VZ just before xmas.

- not much comments from conveners and 'public'
- Sharam claims that he wants to push the button (make PAS) only before the next conference ()
- we do not want to spend additional effort on it. Final goal is having paper for Mbriond with entire dataset.

* plan for Mbriond:

- include Lisa's work - invisible channel
 - ◆ AN produced and comments received
 - ◆ study to check if btag categorization could help
 - ◆ meeting with alberto to plan combination with other channel

- request is to go with paper on full dataset but it has to be adapted to current situation.

* Paul will start helping on ALPHA framework and looking at di-boson analysis status.

hh4b non resonant e

* status report to hbb just before xmas. no expected limit since $m_{\nu a}$ was not finalized.

- plan to show a full status report next Wed to hbb and to ask for cadil line. we would like to have paper separated from resonant hh4b search, already asked to conveners but no clear answer received yet.
- working on fit strategy and $m_{\nu a}$ optimization. next week we will move on full dataset and new mc.
- pablo is in Padova for one month. possible criticism on man power later.

Same sign leptons

* latest version of AN circulated before xmas.

- another reviewer joined the flow.
- no particular show stoppers. plan to deliver 4th version within next week.
- plan is to move to re-reco and new MC to proceed on full datasets.

Seesaw a 13 TeV

EPR

I sol ament o muoni

Fl avor t aggi ng

Tr i gger

Detector

* next 2 Thursday there will be reports on activities.

A. Q. B. :

-- FrancoSimnetto - 2017-01-11

This topic: Min > CMSPDAnalysis120117

Topic revision: r2 - 2017-01-12 - MartinoDallOsso



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