

Table of Contents

vidyo.....	1
Action Items:.....	1
News:.....	1
Framework & production.....	1
Analysis.....	2
B physics.....	3
Charged Higgs to top-beauty.....	4
Dibosons, VZ resonance (V=W,Z).....	5
4B full hadronic.....	6
Heavy New Physics.....	7
VH SM.....	8
Same sign dileptons.....	8
EPR.....	8
Trigger(less).....	8
Detector.....	9
DT.....	10
Luminosity & Bril.....	11
Timing Layer.....	12
Tracker.....	12
A.O.B.:	

Action Items:

News:

- * Group budget is enough to cover the last round of CMSPD expenses before the end of the year.
- * Commission 1 will start providing bursaries for 3-months periods to be spent at CERN for under-28 students.
- * Next long-meeting is on Thursday at 2:30 PM

Framework & production

Analysis

B physics

- * Discussion in Genova with all BsJpsiPhi groups on the next steps on the studies started by Alberto.
- * Talk in Genova by Alberto, well received.

Charged Higgs to top-beauty

Dibosons, VZ resonance (V=W,Z)

* 2016 combination ongoing. Working on the implementation of the VW semi-leptonic analysis into the lot (technically complex), and move to APP soon.

4B full hadronic

- * Andres will give a Talk on Higgs coupling conference next week
- * Trying to get the Algorithm by Pablo into real-world analyses, in DM studies with public data. Making also efforts on understanding which groups might be interested in using this in CMS analyses.
- * Mario Galanti is working on electron-tagging, so Andres could get in touch with him to discuss if it is worth discussing on this topic

Heavy New Physics

* Approval of the analysis scheduled for Wed 21 Nov during UPSG.

VH SM

- * Implemented Jet-lepton cleaning from NanoAOD nuples.
- * Working on the porting of the analysis using the BigData tools.

Same sign dileptons

* Investigating some issues on the $t\bar{t}$ in 2017 data -> more on this on Thursday

EPR

Trigger(less)

* Presentation to be scheduled at CMS Trigger meeting soon...

* Will start working on integrating new KCU15 boards to get to a more CMS-DAQ-like mock up system. Need some feedback from Andrea T. about this, will get in touch with him.

Detector

DT

* There will be a discussion on an Articolo36 contract for the electronic engineer position (CMS DT upgrade + Garfagnini's groups interested) in the next few days.

Luminosity & Bril

Timing Layer

- * Production of a Mock-up tray is ongoing.
- * Received money from Commissione1 for RD of Timing, not fully exploited so far.

Tracker

* Discussion about Phase2 HLT tracking in today's TRK POG.

A.O.B.:

* Tommaso attended a ML workshop. Interesting Weak supervision method, which weights events differently and can perform unsupervised classification without the need to MC modelling of signals in categories with different contribution to signal.

* Enough funds for "missioni" for the end of the year

* Movie at CPX about CERN and life of local "fauna". If people want, can attend and answer questions from the public after the projection

This topic: [Main > CMSPDAnalysis191118](#)

Topic revision: r1 - 2018-11-19 - [JacopoPazzini](#)



Copyright &© 2008-2019 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? [Send feedback](#)