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A. O. B. :	

## **Action Items:**

### **News:**

Spend more money on missions, so we get more money in the future.

### **Framework & production**

Work in progress with Mesos cluster and spark, no special news. Siaw-Yan put up some code for data analysis in Spark, success in deploying containers on Mesos cluster, validating workflows. Will circulate instructions.

### **Analysis**

## B physics

Studies on trigger for  $j/\psi$

$K^*\mu\mu$ : trying new method of projection in orthonormal basis, seems promising.

Parked data analysis: Stefano following discussion, but not planning to do much. Purity 70% with one method, 30% with other -> with 30% measurement not doable.

# Charged Higgs to top-beauty

**Di bosons, VZ resonance ( V=W Z)**

## 4B full hadronic

Approval done, hopefully in CWR by the start of June.

# Heavy New Physics

Going for preapproval for June 13, writing AN. Adding the muon channel, need to process MC.

**VH SM**



## **Same sign dileptons**

Hoping to reduce the systematic uncertainty. No full understanding of difference between nanoAOD and PromptReco at the moment.

## **EPR**

Siew-Yan working on workflow validation for Sherpa.

## **Trigger (less)**

Assembling the DT prototypes to perform 40 MHz scouting. Purchased computers for processing.

## **Detector**

**DT**

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

## Timing Layer

Padova involvement is only in mechanics. Reasonable number of people taking care of it needed. Director would like to have physicists involved. Will have a discussion on one of Thursdays

# Tracker

## A. Q. B. :

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This topic: [Main](#) > [CMSPDAnalysis210518](#)

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