

## Minutes of the Coral-weekly meeting, 05/04/2018

### Communications:

- We start P07 and P09 productions (without L/L calibrations) in order to provide some input for F2 analysis
  - We will not delay the productions for ECAL-calibrations
  - A production with ECAL-calibrations will be done as soon as the input is available
- MC should be done in parallel

### 1) Artem Petrosyan – production system

- The database is finally running on BW. Riccardo has prepared the production software. Artem has updated several blocks which are different for BW (job preparation, file migration).
- Some problems were fixed with the help of support-team. There are some more problems with PanDA pilot block. The jobs can be executed manually, without appearing in the monitoring. The issue is to be fixed.
- As soon as it is fixed we can start short test-production. Couple of runs.

### 2) Konstantin Sharko

- Konstantin has managed to run Yann's DPS framework with small number of events

### 3) Alexander Chumakov and Artem Ivanov

- Working on dead-zone correction scripts (perl, python)

### 4) Bogdan

- Ready to share the HTCondor script for alignment jobs. The framework appears to be somewhat complicated. To be discussed.

### 5) Elena 2016 alignment

- P07 alignment is ready (recently Yann corrected V-alignment correction for MPs), Yann's correction for deadzones for MWPC-A chambers has also been applied.
- Elena is working on P09 (e.g. on ST03 and FI03)

### 6) Po-Ju ECAL2 calibration correction studies

- LED-signals supplied to the shashlik modules are fluctuating. The fluctuations appear to be correlated affecting whole shashlik as a whole and the idea is to apply a normalization to account for these overall fluctuations affecting all shashlik modules as a whole.
- The work so far is done for P09, after a cross-check the calibrations can be submitted to the DB.

### 7) Vladimir Ploiakov and Sergei Donskov

- FEM information is available for ECAL2 and can be used to correct L/L-calibrations in a proper way
- There are two LED-signal generators, one for lead-glass part and one for shashlik. The problem was with the generator for shashlik. The issue can be corrected using FEM-information. FEMs (pin-diodes) themselves were stable during 2016-2017.
- FEMs for ECAL2 appeared in 2016, so the correction cannot be done for 2012.
- The mapping (xml-file) defining correspondence between FEMs and modules will be shared with Marketa and Po-Ju.
- Marketa will do the FEM-corrections, prepare the calibrations and submit to DB.
- Sergei is at CERN for next 3 months.