FCAL software and analysis meeting, 9 September 2020,

Meeting Minutes

The meeting was dedicated to the TB2020 data analysis:

2 talks for today:

- **Michal and Itay** gave a talk about APVs calibration. They are students at TelAviv Univ and started to calibrate the charge dividers used during the TB2020. For calibration they used a Pulse generator witch generate the signal in 2 APVs and the trigger. For each 128 channel the charge is sampled 21 times. They checked the linearity between mean value of charge and input signal and the result wasn't good enough. This analysis are still in progress.

- **Veta** presented a few slides about noise level from SRS read-out system for all experimental setup configurations. During the 1st energy scan setup the APV_0 was very noisy, the noise was about 250 ADC. After this setup the noise mean value was less than 100 ADC for all APVs. During the LUXE setup the noise mean value was almost constant for each APVs.

The next meeting will be in 2 weeks, on 23 September 2020 at 4 pm CERN time zone.