

# PPG11 : News

JaeBeom Park

2024. 12. 05



## 1. Data production

- Awaiting for event combiner fix from Chris P. —> Need to check the output of the alignment
- Awaiting for ana446 to be produced
  - Updated profile not included — to be run on the fly
  - Trigger dependent calibration not included — studies to be done with the new trigger emulator in the “TriggerRunInfo/TriggerAnalyzer”
  - Fine tuning on calo shower depth and position not included — Minor effect & to be run on the fly

## 2. MC production

- Pythia8 MB Detroit, Jet samples produced
  - Checked with private Pythia simulation that a jet is present for every high-pT  $\pi^0$
- Single particle gun samples produced — can be produced fast when requesting for more statistics
- PR for new trigger emulator on MC committed

## 3. EMCal cluster

- Ongoing work on profile updates

## 4. Analysis

- Skim codes updated — please feel free to have a look
  - Running over data/MC