

# Weekly Update

Alessandro Minotti on behalf of the Team @ CERN

NP04 PDS Data Taking Planning Meeting – 11/04/2024

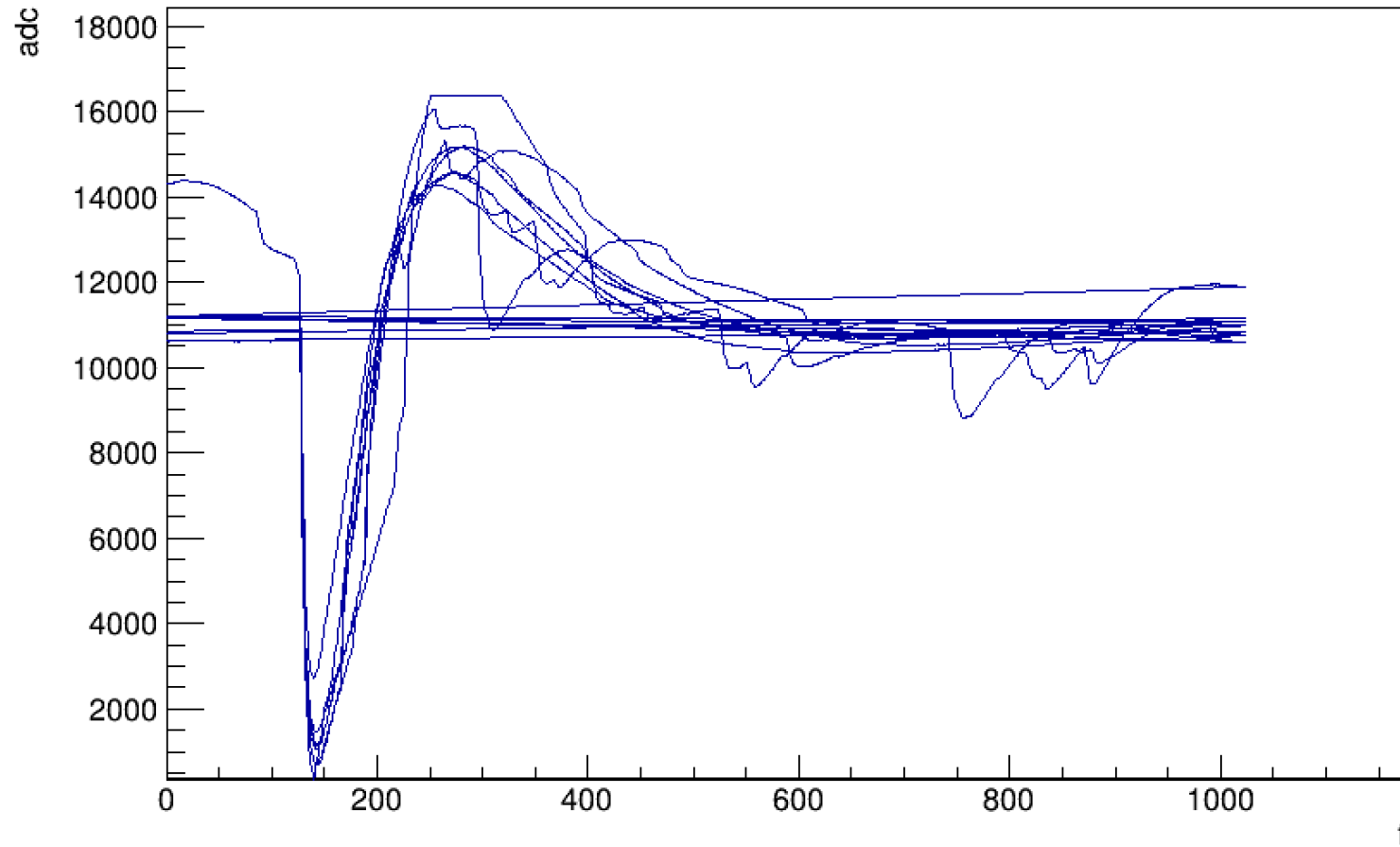
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# Status of the Ongoing Analyses

- IV curves and Vbd estimation:
  - Analysis ongoing, we're working towards an estimation of the Vbd vs T
  - Talk from Laura (plus Anna S., Anna B.)
- Calibration System
  - After three weeks of fighting with the 0X7 command, Manuel managed to fire the LED calibration at the right frequency in synchronization with DAPHNE using the timing interface!
- Waveforms
  - Spy buffer used for
  - Visualizer for the waveforms under development (Laura and Julio)
- Self-trigger and frame format
  - We converged on a tentative frame format and a strategy to test different algorithms
  - Talk from Edgar (plus Ignacio, Daniel)

# DAPHNE Calibration Waveforms



# Shifts, Peoplepower and Logistic

- NP04 Shifts (from the previous meeting)
  - Starting from week 22 (May 27)
  - 21 shifts/week of about 6 shifters each, load could be organized per consirtium
- For the PDS
  - Our group of experts is growing – we may not need shifters, experts could handle the different tasks for the PDS, in parallel with the NP04 official shifts
- This week for NP04 we have 9 people (Julio, Anselmo, Manuel, me, Michaela, Anna S, Anna B., Laura, Daniel), this number is likely to grow in the following weeks
- We got two offices in building 892
  - 2B01 with 6 desks (can host ~10 people)
  - 2009 with 10 desks