UPDATES

Progress since last week:

- Solve problem with damaged LED calib fibre
- Use fine granularity for LED intensity (0-100. → 0-4095). Runs taking at several intensities for fine-tuning
- Automated bias programming through DAQ conf files: from 10' to 30'' for taking a new run from scratch
- Progressing with Data Quality Monitoring (DQM)
- Improve methods for self-trigger efficiency calculation
- Large progress on waffles analysis framework

What is missing for beam:

- Ad-hoc trigger in APA1 for LED tuning
- Finalize json files for led calibration
- Finalize a first version of DQM
- Checklist for shifters
- Decide which trigger will be used for first beam
- First release of waffles
- Take data with all subsystems

NOT ABLE TO TAKE DATA SINCE LAST WEEK

`CHANNEL NOT ALIGNED — 16997 similar messages`

- Rebooting FELIX cards with DAQ experts solved the problem (Tuesday)
- Changes in the environment and the configurations files (Wednesday) make the problem persist

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People at CERN this week (13/06/2024): Renan, Julio, Jairo, Michaela, Manuel and Laura