

# IoLS Status Update

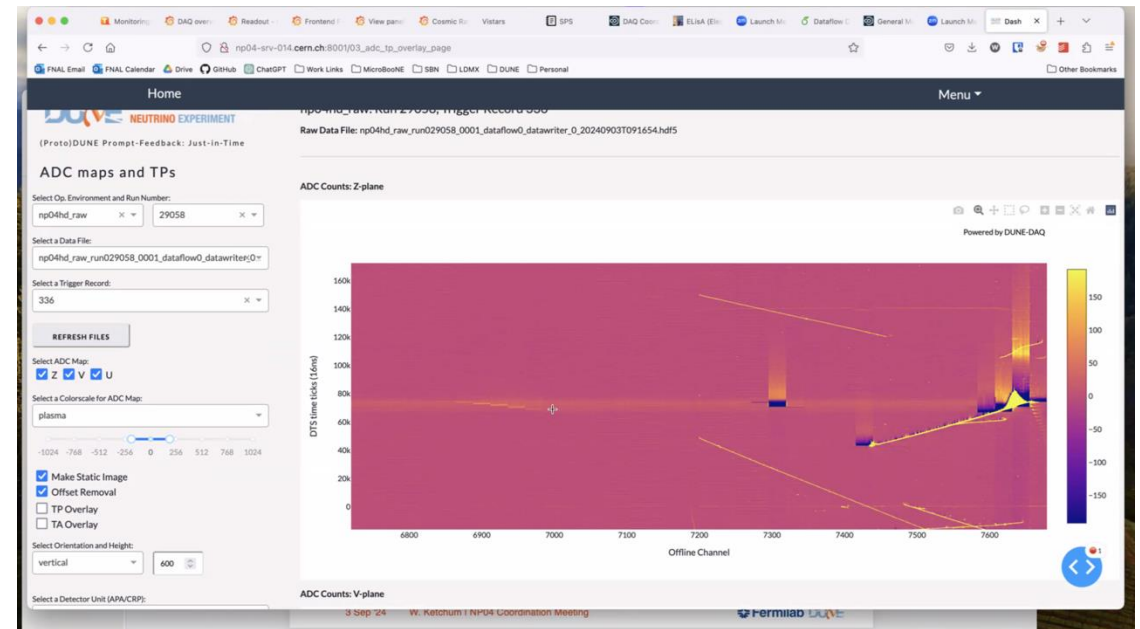
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September 3, 2024



# We have laser-triggered data!

- P1 set up for laser data-taking using Nuno's configuration
  - global\_configs/np04/np04\_TPC\_TPGLowThr\_cibP1\_ssh.json
- Wallison connected the serial cables to the USB hub going to the CIB
- I warmed up and controlled P1 laser w/ the CIB and enabled the Photodiode triggers
  - A DAC threshold of 600 counts was used to ensure a clean/constant 10 Hz rate



# Procurement for P3 tests

- CF 12" to 8" adapter to mount the new electrical break – Received and installed in laser stand
- 4-way cross – Quoted for mods
- Laser box flange for mounting Horizontal beam tube – Received
- Horizontal beam tube – Should be arriving this week
- Torlon actuator rod – Machined at HPM and tested
- Camera assembly mount – Ordered
- M3 mount pieces for turret – Ordered

# Timeline

- Beam for HD will be extended by two weeks beyond Sept. 4<sup>th</sup>
- TCO closure to begin next week, either Tuesday or Wednesday: 8/27, 8/28
  - Expected to take 4 weeks
  - Done around Sept. 17<sup>th</sup> or 18<sup>th</sup>
- Filling may start as soon as mid October but most likely late October