ECAL in GRiN

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for ECAL

ECAL Goals

- Run smoothly
  Take calibration data as much as possible
- Test the EB transparency correction derivation→deployment cycle for L1
- Test the real-time FE status monitoring
- Adapt to new L1 latency

State of the Subdetector

- EB-: on. First data after reconnection
- EE-: on
- EE+: turned on during nighttimes Wed→Thu, Thu→Fri
- Lasers: New blue + green on from Monday
  Added the old blue on Thursday, then red on Friday

ECAL Activities

- Calibration data taking: also to verify EB- recabling
- "Good health check" - detailed analysis of calibration data
- EB L1 transparency correction: 1 cycle Mon-Thu
- FE status monitoring test
- HV connector test
- L1 latency change

Laser Behaved Well

Green

Blue

Plots from F. Ferri

Data OK

Occupancy plot from
Wed-Thu overnight run 216312

Newly recovered

Occupancy ratio 216312 / 211788 (Feb 15)
Purple=no (little) signal in GRiN
Red=newly hot or recovered

Should wait good health check for details

Latency Verification

Using Laser Pulses

216312, Wednesday night

216358, Thursday morning

216388, Thursday afternoon

216425, Friday morning

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