

# ProtoDUNE News

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# ProtoDUNE HD Status

- We are running with beam since August 2<sup>nd</sup> without downtime
  - Longest uninterrupted run > 48 hours
- Recorded 20M beam triggers (~60% electron @1GeV/c)
- Extended beam run by two weeks: Sept 4 – Sept 18
- Fixed an issue with Cherenkov triggers
  - Low-level trigger information can be reclaimed, just need a reprocessing

$\pm 1$ GeV/c	Low Pressure	High Pressure
Electron	✓	✓
Pion / Muon	✗	✓
Proton	✗	✗

$\pm 5$ GeV/c	Low Pressure	High Pressure
Electron	✓	✓
Pion / Muon	✓	✓
Kaon	✗	✓
Proton	✗	✗

# A new proposal for BSM search

- Switch to **beam-dump** mode (without a beam decay pipe) for searching BSM particles
- Proposed to start after the NP04 beam data taking, will be discussed through the management first
- 500TB additional disk space allocated from CERN

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