DUNE Online Computing

Bonnie King, Kurt Biery

DUNE Host Lab Computing Meeting

August 05 2019

≢ Fermilab DUNE

Online Computing coordination

Bonnie King, Pengfei Ding, Geoff Savage

Systems engineering for DUNE FD online computing (and contributing to ProtoDUNE)

Online Computing updates

- Kurt Biery updated UconDB to use https

- Event builder disk problems at NP04 following power loss July 25

  - some software RAID volumes were not on UPS and got upset when power was cut

  - volumes were rebuilt manually and have been restored, can now be used

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Upcoming TDAQ period (NP04)

Next DAQ testing period is **August 19-August 31**.

- Dataflow improvements

- FELIX readout

- self-triggering chain

- Sysadmin improvements

- Co-processor development