DAQ WG News & Updates (I)
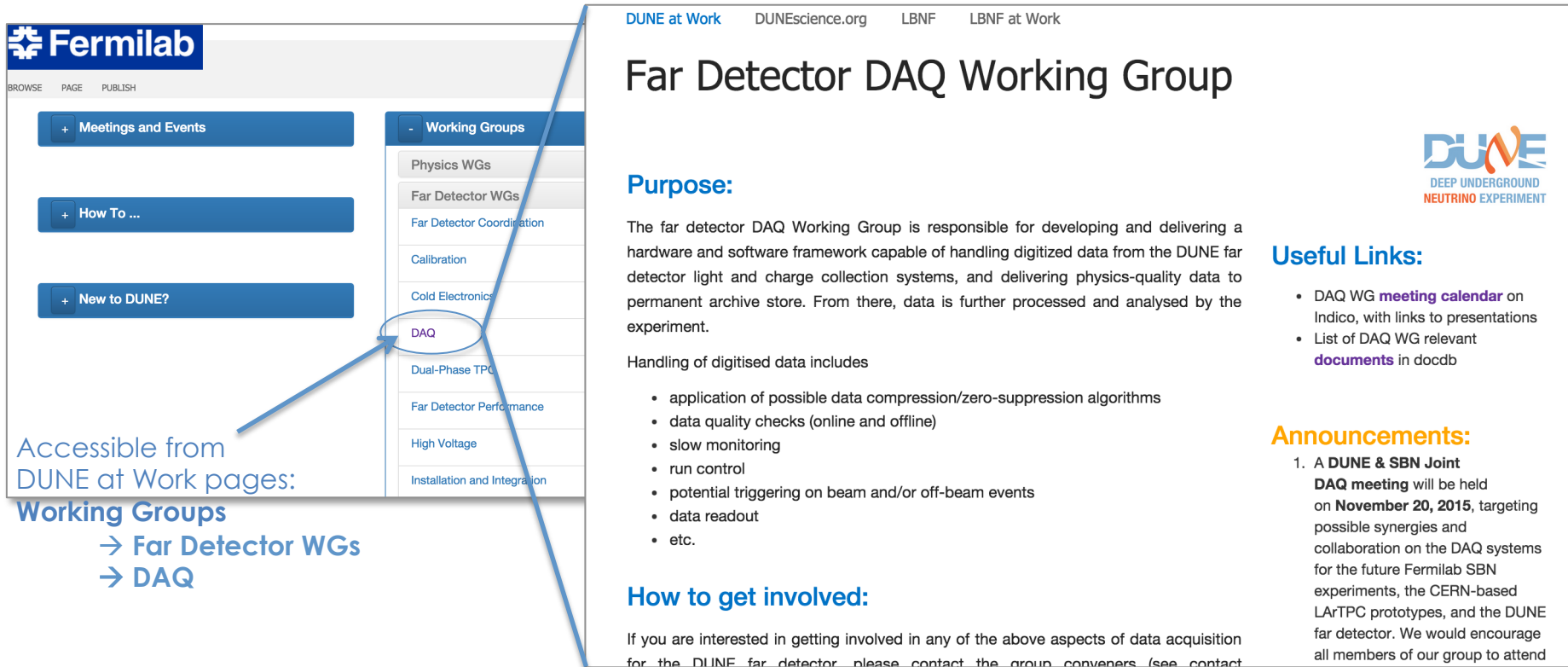
- New website:
  https://web.fnal.gov/collaboration/DUNE/SitePages/Far%20Detector%20DAQ%20Working%20Group.aspx
  - Live! Asking for volunteer website manager

DAQ WG News & Updates (II)

- Mailing list
  - Please subscribe to DUNE-FD-DAQ, if you have not yet done so:
    https://listserv.fnal.gov/scripts/wa.exe?SUBED1=DUNE-FD-DAQ&A=1
  - We are phasing out of using general DUNE mailing list.

- DUNE DAQ survey
  - Thank you to those who filled out the DUNE DAQ Survey!
  - If you haven't yet done so yet, there's still some time. Please do so here by the end of this week:
    https://docs.google.com/forms/d/1wfQ1LickBvnpqgPIQ7WKkDdaWzUWaP7bLlD3jy_L0l4/viewform

DAQ WG News & Updates (III)

- **DUNE & SBN Joint DAQ Meeting at Fermilab, Nov. 20, 2015**

    – Following the SBND - DUNE meeting that took place in September, there will be a similar event **targeting possible synergies and collaboration on the DAQ systems** for the future Fermilab **SBN** experiments, the **CERN-based LArTPC prototypes** and the **DUNE far detector**.

    – There are potential gains from adopting common solutions and this meeting will focus on investigating these possibilities.

    – Event page is available here: https://indico.fnal.gov/conferenceDisplay.py?confId=10599

    – 20th November, 08:30-13:00 local (Fermilab) time

    – Please attend and participate (in person, if possible, or remotely)

    – If you plan to attend in person, please "register" following the link on the event page

DAQ WG News & Updates (IV)

- New, draft Charge:

   "The DUNE DAQ group is responsible for developing and delivering a hardware and software framework capable of handling digitized data from the DUNE far detector light and charge collection systems, and delivering physics-quality data to permanent archive store, for further processing and analysis by the experiment. Handling of digitized data includes application of data compression/zero-suppression algorithms (as needed), data quality checks, triggering (as needed), and data readout."

   – Being iterated with Tim and Jim
   – Feedback is welcome

DAQ WG News & Updates (V)

- Kick-off of DAQ Simulations Task Force!

    - Charge: Develop a framework for implementation, validation, optimization, and comparison of trigger and compression algorithms
    - Will be working closely with LowE/SNB, Cosmogenics, Atmospherics, and Nucleon Decay groups and need their valuable physics inputs
    - **Please contact DAQ WG coordinators ASAP if you're interested in getting involved**
    - If you have indicated your interest in this at the DAQ census poll, expect to be contacted in the next few days.

Today's Agenda

- Supernova event compression studies for MicroBooNE
- 35ton DAQ Status Update
- Continued discussion on Networking ←→ DAQ philosophy