

## ● EICROC Readout Progress

- EICROC1 Testboard with EICROC1 received at BNL [from Christophe@Omega]
  - major milestone
- daqst3 PC configured in BNL Lab ✓ [Wayne, Prithwish]
- ZCU106 is connected to the daqst3 test PC [Prithwish]
  - I can see it on JTAG ✓
  - but we don't know enough to be able to reliably use it so we plan to have a Zoom video call with Omega next week (tentatively agreed upon)
  - Next steps
    - simple firmware to blink LEDs to make sure we understand ZCU106 [TL]
    - connect EICROC1 Testboard after Zoom mtg above [Prithwish, Alex]
    - verify EICROC1 with I2C scans [TL]
    - perform basic readout [TL]
- AXAU15 inserted into the PCIe of daqst3 [Prithwish]
  - I can see it on JTAG and through PCIe ✓
  - I can program it and check it out ✓
  - Next steps
    - connect the RBv1+PBv1 and talk to IpGBT [Prithwish, TL]
    - connect EICROC1 Testboard to RBv1 but only after ZCU tests above [Prithwish, Alex]
    - take it for a spin ⇒ major milestone
- Testboard gerber files obtained and saved into Alex's Google Drive ✓

## ● TOF Preliminary Design Review June 3 & 4

- Page turner May 12 & 13
- "BTOF Service Hybrid" and "FTOF Service Hybrid" presentations by Wei

## ● Power Discussions

- Power Tree document in progress for all 6 AC-LGAD detectors [Alex, TL]
  - <https://docs.google.com/document/d/1cxIAurIHaq-Y42vNs-L3ySwcf1Ytr5FLOmyltWSQvLI/edit?tab=t.0>
  - quick summary
    - BTOF 21.6 kW total
    - FTOF 7.1 kW total
- BTOF power design in progress [Wei, Mike]
  - currently stalled waiting for Artur's FCFD 1.2V vs 2.5V estimates