

LArIAT Online/DAQ/Trigger Blurbs

- Wiener VME Power Supply back from the dead / Ohio
 - Running OK in enclosure
- Will be replacing all four DAQ computers
 - Reusing server-quality machines from FCC
 - They need power supplies, SCD ordering them – hence delay
- Trying to reduce BlueArc and NFS dependence
 - One ppdsoft mount remove
 - Propose local storage of /lariat/data, with possible rsync (remove troubled blue3 connection)
 - All will have 2Tb disks, mirrored pairs
 - Have tested inotify + rsync application for /daqdata/dropbox/ -- OK
- Successfully added 16 new trigger inputs to extant 16
 - James*, Mike, Dung, Just Will – James may have more details today

Teensy's Trials & Tribulations

- Ran three days with HV off, LArASICs on
 - No read-back errors reported by teensy
- Implemented *loop* command to do fast writes & reads and more compact output (hex vs. binary)
 - Overnight run produced no read-back errors ~30,000 tries
- Tried a noise producer – old hand-held drill with A/C power cord
 - Ran various locations, near PS, feed-thrus, warm drivers
 - No induced errors in 30 minutes
 - Got tired of holding drill