

MicroBooNE Update

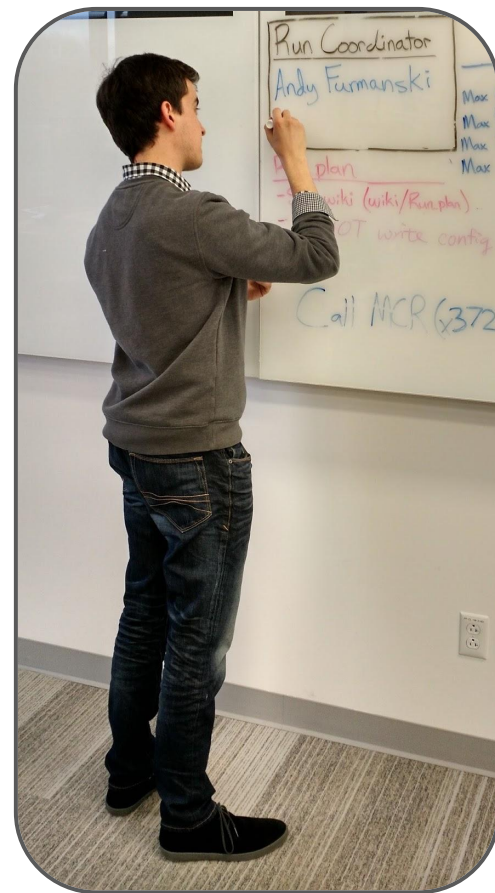
All Experimenters' Meeting - 4/4/2016

Matt Bass

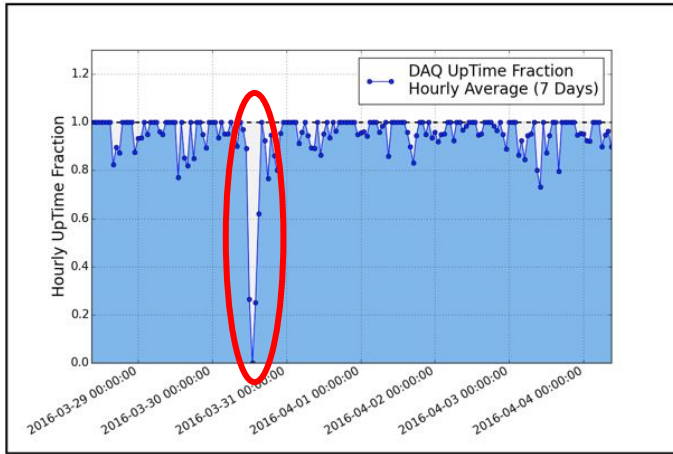


New Run Coordinator

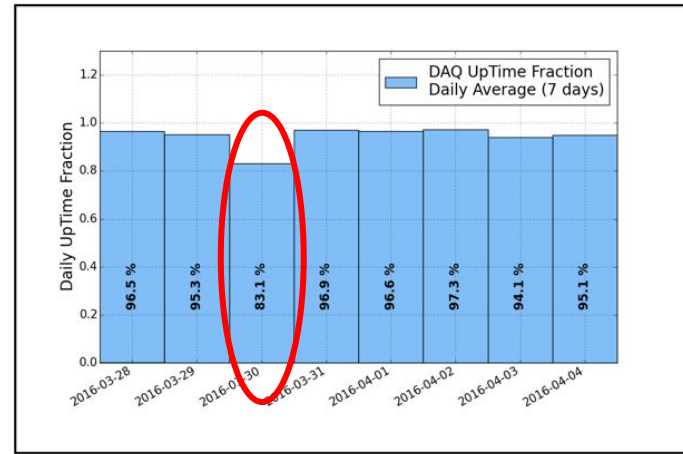
- As of Friday, April 1st...
- Mike Mooney's term as Run Coordinator has come to an end... THANKS Mike!
- **Andy Furmanski** is now MicroBooNE's Run Coordinator
- **Matt Bass** (me) is the **deputy** run coordinator



DAQ Uptime



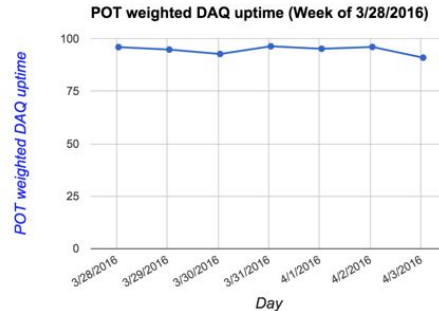
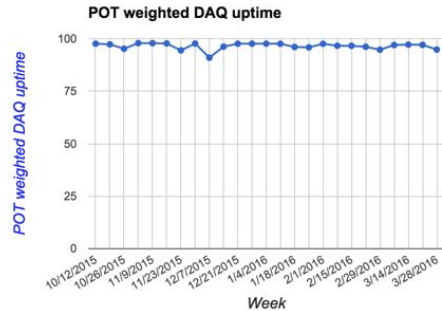
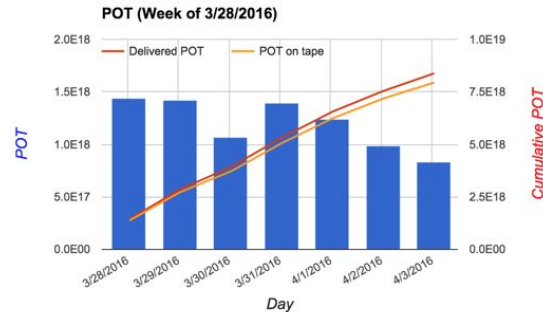
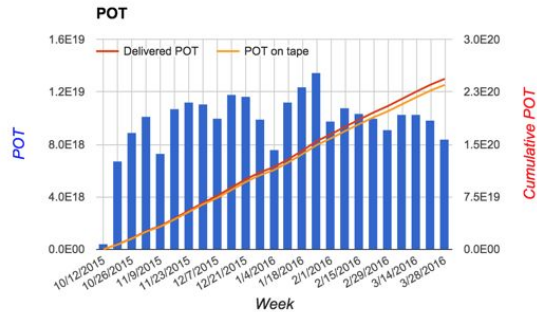
DAQ UpTime (Hourly, Past Week)



DAQ UpTime (Daily, Past Week)

- DAQ uptime ~94% for the past week
- **Beam downtime** on 3/31

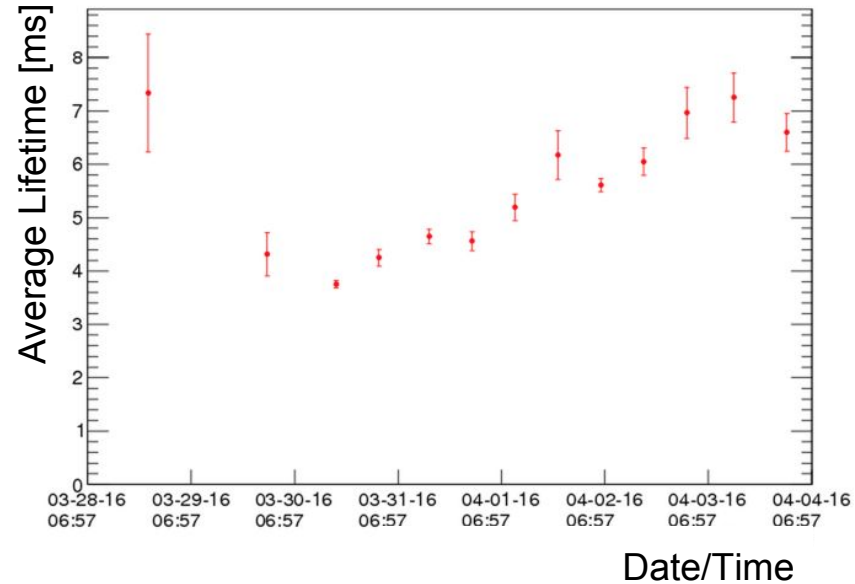
POT Delivered & POT Recorded



- Weekly POT delivered 0.84e19
- Weekly POT recorded 0.79e19
- 95% POT weighted uptime for week of 3/28
 - Slightly lower than usual
 - Some runs not auto-started on 3/30

LAr Purity During Top-up

- **Electron lifetime** was seen to drop from >7 ms to ~3.5 ms on 3/30
 - Has since recovered
- This drop coincided with a **top-up of LAr** to the storage dewar
 - We haven't seen this with previous top-ups
- A working hypothesis is that the **reduced filter material** isn't handling the impurities introduced during the top-up
 - Reduced filter in place since February
- Will switch back to **full filter** this week



Discovery Channel Visit



- The Discovery Channel visited MicroBooNE on Tuesday
- Matt Toups gave them a tour at LArTF
- Also interviewed MicroBooNE members in ROC West