



FAST Facility / IOTA

Machine Report


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AD-ARD Dept. Meeting

Friday, 1100

21-July-2023

FAST / IOTA

- Still down on Cryo; have dropped enclosure to Supervised Access Mode meanwhile for work in IOTA
 - System is reportedly close to recovering; Cryomodule & CC1 are filled w/Helium & are pumping down
 - Will also need CC2 back online eventually – *NEB experiment needs to run @ ~50 MeV to the LEA*
 - Moving cavity motors to their cold positions this afternoon, will then allow system to soak over weekend
- Productive S.A. period thus far:
 - Cable pull on Wednesday (see: [254046](#)) – *big thanks to Volt Electric & their crew*
 - BPM position measurements for IOTA150-NIO along the ring Tuesday & Wednesday
 - EE Support terminated new IOTA kicker cables, connected replacement for failed cable – *thank you @ Pete & Erik*
 - IOTA150-NIOLD relay rack support assembly & cabling Today – *Nathan Eddy & Co. from Instrumentation*
 - Misc. tours of LINAC/IOTA for new interns & students
- As of now, our plan is to try to get back up & running first thing Monday morning 
 - IOTA150-NIO & SETI have the highest beam-priority in terms of scheduling – *will put together schedule for beginning of week today*
 - Also plan on cleaning the Gun Photocathode over the weekend w/Laser (see: [245153](#)) – *Received RSO approval yesterday afternoon*
- Have requested S&S from Ops ca. **17:00 today** for both the enclosure-proper & the FAST catwalk – **RETURN KEYS**
- Contact me with any beam or access requests at: x6944 / dmaclean@fnal.gov

△ ACNET outage △
Monday @ 1230
for ~30 min