



## **FAST Facility / IOTA**

### **Machine Report**

Daniel R. MacLean

AD-Ops. Meeting

Friday, 0900

8-September-2023

# FAST / IOTA

- Cryo recovery throughout week after 100K thermal bump, outage – *SRF cavities back at 2K, stabilizing*
  - Big thanks to Tim Wallace & Joaquim Creus-Prats
  - Cavity tuner motors moved back to cold positions yesterday throughout day
  - See: [247199](#), [247253](#)
- MSS Outage on Wednesday
  - Nightmare
  - Recovery ongoing, see: [247162](#) & [247243](#)
  - Most accelerator systems back online at this point, small number of holdouts
  - Many thanks to EE Support, Water Group, Cryo, Controls, and MCR-Ops for helping us get back up
- Plan for today is to get everything online, tune-up, and hopefully re-establish beam to IOTA
  - NEB crew scheduled to run in the LINAC w/beam to LEA this afternoon/evening
  - Tuning injection into IOTA will almost certainly take >1 day after extended downtime
- Next week: IOTA150-NIO Monday pending reliable injection, rest of week TBD
- Contact me w/any beam or access requests: [dmaclean@fnal.gov](mailto:dmaclean@fnal.gov) | x6944