



# **FAST Facility / IOTA**

## **Status Report**

Daniel R. MacLean  
AD Operations Meeting  
Friday 0900  
13 January 2023

# FAST / IOTA

- We have been running steadily all week; minimal downtime
  - Some minor recurring issues w/Gun PLCs – *did not hold us off, RF group was able to repair quickly (thanks)*
  - Difficulty w/humidity in Laser Room (N:LRHUM alarming low) – *HVAC contractor working on a sol'n, see: [231232](#)*
- Successful annual test of FAST safety systems on Monday [9-JAN]
  - Laser Room shutters & interlocks, RMSS, Rad Monitors, RF Waveguide Logic, CDC
  - Thank you to ES&H (Interlocks + Ben Russell), and Ops for facilitating
  - No beam Monday, started up again Tuesday
  - See: [231363](#)
- **Priority is to complete IOTA150 commissioning in order finish Nonlinear Optics studies**
  - LINAC studies requested opportunistically e.g. during IOTA data analysis periods
  - No controlled accesses scheduled or requested at this time
  - Due to the timeline for Run-4, regularly scheduled controlled accesses are paused for the time being