



## **FAST Facility / IOTA**

### **Status Report**

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

# FAST / IOTA

- We have been running steadily with minimal downtime
  - Continuing to switch between LINAC characterization studies & IOTA150 w/the latter taking priority
  - Thank you @ all who helped get us back to a stable operating state throughout Nov. & Dec.
    - EE Support, ISD, MSD (Fluids), TD (Magnets Group), Cryo, Controls, and of course Ops
- Half-day access period this past Wednesday, following LINAC measurements
  - Water Group continues to investigate LCW flow & temp alarms from RF Gun bucking solenoid
  - Sextupoles in E-Straight Section of IOTA re-cabled for power on Wednesday, 18-JAN (see: [231876](#))
    - SE1R, SE2R, SE2L, and SE1L – *in order, along beam-going direction*
    - Replaced input terminal blocks – *new cables w/different gauge*
    - LCW still not connected
- **IOTA150 commissioning & nonlinear optics program remain top priority**
  - LINAC studies requested opportunistically e.g. during IOTA data analysis periods
  - Controlled access period scheduled for Monday, 23-JAN (all day) – *contact Jamie w/all access requests (x4996)*