



# FAST Facility / IOTA

## Status Report

Daniel R. MacLean  
AD Operations Meeting  
Friday 0900  
7 April 2023

# FAST / IOTA

- Run-4 Science program(s) now underway
- Ran well throughout the week until Thursday AM; Cryomodule HLRF Modulator down on crowbar fault
  - Turned out to be a +24 Volt control supply drifting out-of-spec
  - EE Support was able to fix the problem very efficiently – *many thanks @ Nick Gurley & Eric Claypool*
  - No actual downtime: we were running quad scans in the LINAC, repair completed before CLARA shift in IOTA began – *cool*
- FAST Operations training ongoing in-parallel
  - 5 to 6 additional qualified operators to be added to fill-out roster of available shifters
  - Will be useful for upcoming Run-4 programs starting soon – *e.g. IOTA150-NIOLD*
- Controlled Access period this morning (into afternoon):
  - CLARA: improvements to PMT/camera installation @ M3L + installation of new optics @ M4R (*IOTA bend dipoles*)
  - Walkthrough / informal tour for new associate scientist
- Plan for next week still taking shape - tradeoff between IOTA150-NIO, CLARA, and preliminary characterization of LINAC for FAST-GREENS