

# RunCo Report for IOTA/FAST Meeting 04/16

- **Dates:**

- Main Complex Summer Shutdown
  - June 28 – Sept ~12 (HEP 10/04)
- FAST Shutdown: ~end of June(ish)
- FESS:
  - FESS is in the “*process*” of switching Fermilab buildings from Heating to Cooling throughout April
  - NML 13.8 kV switch/transformer HV-PM August 3
  - Lab B HV-PM (Cryo): July 23 (FAST @ RT by then)
  - Master Sub Outages: August 30 & September 07 & September 13

- **Linac:**

- Camera servers being worked on (see Chip)
- CC1 conditioning seems to have helped (thanks Chip)
- This week, extensive re-tuning was needed in linac and injection into IOTA

- **IOTA:** *Working on lifetime & aperture & lattice & orbit*

- We are up to 0.2 mA and 15 minutes (not at the same time)
- QA4R & QC2R gaps found and fixed (see [192488](#) for lessons Learned)
- M3R Trim coils need checking
- 150 MeV studies started
  - IBEND re-tapped to 499 A. Ramp down slowly.
  - Ground-fault issues found and mitigated(ish).
- OSC commissioning continues (see J. Jarvis)
  - (e<sup>-</sup>/PU/KU alignments, tuning, LOCO)
- IOTA tune analyzer (see Nilanjan)
- Cables pulled for OSC & IOTA being terminated
  - Work to occur during morning CAs
- MPS timing work started (see Chip)

# Run Plan for Next Week (April 09)

16

- Monday – Friday
  - Monday Morning CA (till 14:00)
    - Cryo at 5K for morning Kinney work, 2K by 2PM (v.2.0)
  - CA in the mornings (w/ RunCo approval)
    - OSC diagnostics installation
    - IOTA Cable termination and clean-up
    - URSSE installation and calibration
  - Run beam in IOTA after noon for:
    - lattice tuning for OSC
    - aperture studies
    - OSC commissioning
    - 150 commissioning