

# RunCo Report for IOTA/FAST Meeting 05/07

## • Important Dates:

- FAST Shutdown: ~end of June(ish)
- Main Complex Summer Shutdown
  - June 28–~09/19 (HEP ~10/04)(AD/Ops/Schedule)
- FESS:
  - Adams Strainer continuous cycling is fixed™ again again
  - FESS *completed*™ switching NML to cooling May 6
  - NML 13.8 kV switch/transformer HV-PM August 3
  - Lab B HV-PM (Cryo): July 23 (FAST @ RT by then)
  - KRS & MSS Outages (30 min): 08/30 & 09/07 & 09/13

## • Linac:

- Camera servers being worked on (ongoing)
- Kinney MPS upgrade last Monday 4/19
  - Recovery till 5/5 morning (Downtime)
  - CC1 and CM not stable –contamination (CMTF)
  - Thermal cycled the JT circuit to >80K. CM <40K.
  - Fridge still has low excess capacity. Needs warm-up.

## • IOTA: *Working on lifetime & aperture & lattice & orbit*

- We were up to 0.2 mA and 15 minutes (not at the same time)
- M3R Trim coils still need checking
- 150 MeV studies when Cryo is up
  - IBEND needs slow ramp-down (in sequencer)
- OSC studies when Cryo is up
  - (e-/PU/KU alignments, tuning, interference)
  - Instrumentation work in IOTA
- Cables pulled for OSC & IOTA being terminated
  - Work to occur during all week access
  - SCam electrical hook-ups
  - SCam optically aligned

# Run Plan for Next Week (May 10)

- Monday – Friday
  - Monday Morning CA (notify RunCo)
    - 1) IOTA OSC work
  - CA possible in the mornings (w/ RunCo approval)
    - 1) OSC diagnostics installation
    - 2) IOTA Cable termination
    - 3) URSSE tweaking and calibration
  - Run beam in IOTA after noon (maybe all day):
    - 1) OSC running
    - 2) lattice tuning for OSC
    - 3) 150 commissioning