

## RunCo Report for IOTA/FAST Meeting 11/11

### • Important Dates & misc:

- FAST Run 4: 4/4 – **TBD**\*
- *FAST-GREENS mini shutdown*\*
  - Or enough parasitic accesses
  - Shutdown after NIO completion
- Operations Schedule\*:
  - Monday AM CA
  - 150 Tuning Tue-Friday
    - Maybe CA Wednesday???
- AD Startup\*

### • Machine Report:

- *See next slide* (Daniel M)

### • IOTA:

- 150 tuning continues
- Update (Sasha R)

### • **FAST-GREENS** update (Daniel M)

# FAST / IOTA

- RF Gun has remained steady throughout the week after episode of repeated ground trips
- Issues w/Cryomodule tripping on coupler PMT indications across multiple cavities
  - Investigation ongoing... proceeding cautiously
  - Able to *slowly* creep up to nominal gradients (ca. ~1 hour) without tripping – *PMTs + FEPs indicate some real activity*
  - Above process is a temporary patch; trying to allow IOTA150 to continue w/o risking machine damage
  - If this persists, we may need to run coupler conditioning
- 50 MeV studies in the LINAC are ongoing and have been running smooth in general
  - Visiting collaborator from UCLA characterizing beamline for modeling within simulation – *E. Cropp*
  - Streak camera studies carried out in parallel – *J. Ruan & Co.*
- Thank you to Cryo for getting us back online rapidly after multiple KVS outages this week
- Thank you to Ops for keeping on top of our alarms as they have popped up
- **Plan is to continue IOTA150 + LINAC studies w/scheduled C.A. on Monday AM [11/14]**