



AD-ARD Department Meeting

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Friday 1100
31 March 2023

FAST/IOTA Machine Report *(from 0900 AD-Ops Meeting)*

- We have been running very smoothly w/effectively no downtime over the past ~2 weeks
- IOTA150 science program(s) underway
 - Non-Integrable Optics (NIO) – *A. Romanov, J. Wieland*
 - CLARA commissioning - *A. Shemyakin, G. Stancari*
 - Also: studies on Noise in Electron Bunches (NEB) in the LINAC – *J. Ruan & Co.*
- Half-Day controlled access period this past Tuesday (see: [236654](#))
 - Stripline BPM cabling @ C-Left in IOTA – *Instrumentation: Brian Fellenz & Co.*
 - Reconnection of CC2 to RF distribution - *HLRF: Ding Sun & Co.*
 - CLARA undulator re-positioned @ D-Right in IOTA - *FAST personnel*
- Controlled Access will remain restricted to jobs required for accelerator operations only until further notice
- Jamie is away; I will cover for him as the FAST RunCo until he returns (dmaclean@fnal.gov | x6944)

Coordinator Report

- We are doing science™
- CC2 hooked back up to RF distribution & is at 2K; can be conditioned
- Helium inventory replenished yesterday by J. Makara & A. Cullerton @ Lab-B
- Bizarre E-Log error/failure yesterday during PM shift (CLARA) – *resolved*
- CLARA team was able to get down to 1 electron orbiting in IOTA yesterday

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- Plan for today: IOTA150-NIO all day – *John & Sasha R.*
 - Relevant news from main complex:
 - Summer shutdown date: July 9th (tentative)