



FAST Facility / IOTA

Status Report

Daniel R. MacLean

AD Operations Meeting

Friday 0900

14 April 2023

FAST / IOTA

- Still running smooth – *some noticeable affects from sudden weather change (e.g. Gun water loop)*
- Minor issue w/CC1 HLRF Wednesday PM / Thursday AM (see: [238087](#) & [238128](#))
 - Klystron interlocks would not come good via ACNET nor local VME/Modulator resets Wednesday PM
 - Thursday AM, manually resetting RF-Inhibit & enabling LLRF feedforward worked; ramped-up to operating gradient w/o issue
 - Cause(s) unclear; we believe it was likely a controls/communications issue
- Shifts for Run-4 science program rotating steadily
 - IOTA150 – NIO (*A. Romanov, J. Wieland*)
 - IOTA150 – CLARA (*G. Stancari, A. Shemyakin, J. Jarvis*)
 - IOTA150 – Single e⁻ Studies (*A. Romanov*)
 - LINAC – NEB (*J. Ruan, R. Thurman-Keup*)
 - IOTA150 – NIOLD (*upcoming*)
- CHip attempting to condition CC2 in-parallel, overnight & during off-shifts
- Controlled access period this AM, followed by LINAC studies in afternoon