

Running this fall - what to expect

Kate & Laura

Summary

- These are a couple very brief slides to say what we expect from e-linac operations this summer/fall: apologies if there is overlap with Stephi's talk from this morning
- Laura will then discuss what we need to do from the experiment side to align with this
- Basics: getting beam requires 1) the e-linac to be in good working condition and 2) a trained e-linac operator on shift running it
 - Both of these are easier said than done, so we should plan accordingly, including understanding that plans may fluctuate

- In the next one to two months, while we are in the commissioning stage, expect a lot of fluctuations in up time and fewer available operators
 - E-linac facing various issues as we know. Primary e-linac operator, Brandon, is on leave and will return ~Sept 1
- Goal is to have smooth operations by end of summer
 - Hiring and training new operators to enable this, but note that training takes ~a week during which the e-linac can't do other things. The trainee needs to be able to actually control it to trial various scenarios and actions that are not useful for the experiment
- Once we switch to the physics run: will plan with operators as far in advance as possible to know when we should expect beam and be able to schedule our own shifts around that
 - A clearly established schedule is best for them and for us
- Operations team anticipates that **16-hour days** (not 24) will be the norm throughout physics running period, though if there is a particular need we could probably do short bursts of 24 hours - maybe a week at a time or so
 - Weekend running also subject to operator availability. No guarantees - more likely will be on an as-needed, best-effort basis