

Run-9 Polarized Protons Preparations

- Run-9 likely to start with 100 GeV Polarized Protons
- However, due to budget uncertainties we do not know WHEN the run will start
- Though it's extremely unlikely, we should be as well prepared as possible for an early start (November)
- Lots of shutdown work underway (snake BPMs, re-alignment, 10 Hz,...)

What needs to be done?

- Prepare a lattice and ramp, with $\beta^* = 0.7$ m. (ST)
- Machine studies in Run-8 showed large nonlinear chromaticity at $\beta^* = 0.7$ m. Should be investigated in the model. (YL)
- Tracking studies at $\beta^* = 0.7$ m highly desirable. (YL, CM)
- Need fallback options with larger β^* . These should be as compatible with the 0.7 m ramp as possible. (ST)
- Dry Run in October. (All)