

# CeC PoP Experiment

January 26, 2016

# Installation Progress

- 704 MHz cavity repaired and connected to cryogenics
- Cathode launch mechanism is aligned and baking started
- Garage with two cathodes installed
- Polarity check of low energy section magnets done (except one trims)
- Polarity check of quadrupoles is done (few were not wired properly)
- Baking of dogleg and high power dump beamlines is completed
- High power beam dump has leak and was removed
- First phase shifter installed (two last are being measured)

# Timeline

Activity	Date
Re-condition CeC PoP gun	February 19
Condition 704 MHz cavity	February 26
Accelerator Readiness Review	March 1-3
Accelerate beam to full energy	March 11
Deliver beam to the high power dump	March 18
Test instrumentation	March 25
Develop RHIC ramp	March 25
Commissioning start	April 4
Establish full power beam	May 6
Commission FEL and IR diagnostics	May 14
Align electron and ion beam	May 21
First cooling experiments	May 28 – June 3