

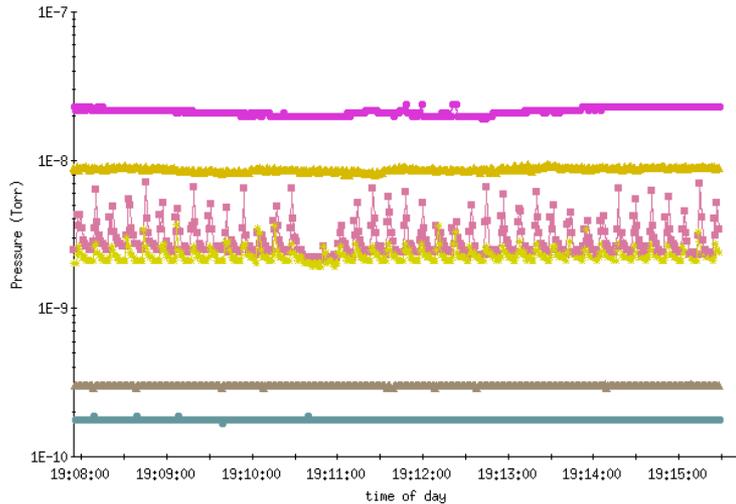
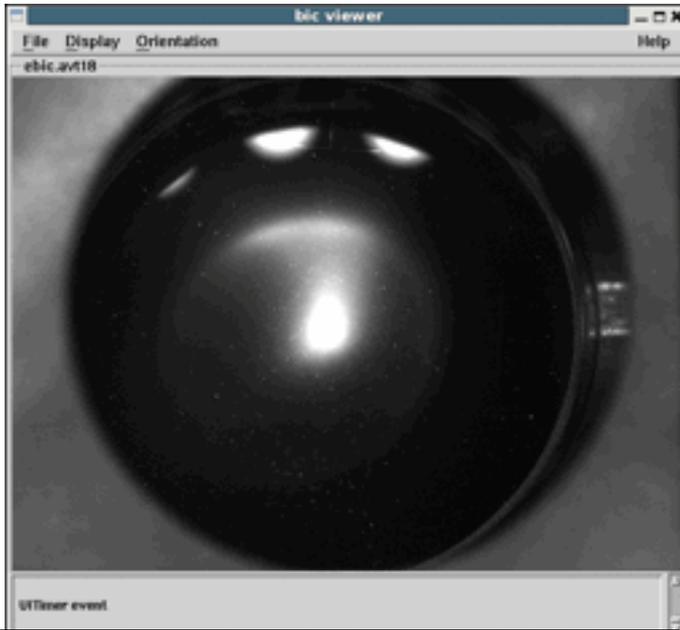
CeC PoP Experiment

February 23, 2016

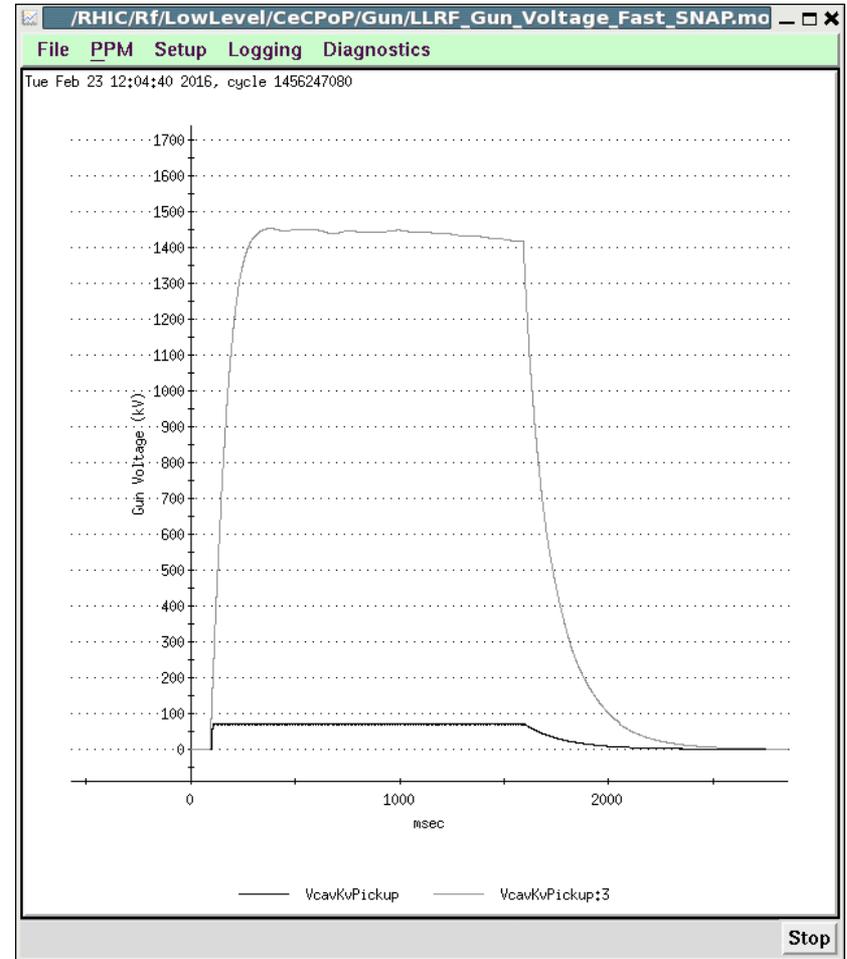
Installation Progress

- High power beam dump was installed
- Profile monitor was cleaned and will be installed next maintenance day
- Cooling down of 704 MHz cavity is delayed
- 112 MHz circulator was damaged but currently we are able to run without it
- We found substantial misalignment of the wiggler vacuum chamber

CeC PoP Gun Is Conditioning



● Gun_Cryostat_cs2-gun.cc-pi1 ▲ cs2-gun.cc-tnp1
● Cathode_Cart_cs2-gun.cc-pw0.1 ▲ Cathode_Cart_cs2-gun.cc-pw0.2
● Gun_FPC_cs2-gun.cc-pw1 ▲ Laser_Cross_cs2-inj.cc-pw0



The gun conditioning is progressing well. We were able to propagate cold emission beam to the first profile monitor

What's Next

- March 1st – accelerator readiness review
- We continue study of the CeC equipment on RHIC beam after checking dipoles polarity
- We will start developing rump to the CeC PoP set-up