

# PQB Meeting

1/18/2018

# Plan (April 1-2weeks)

- **Part1**

- setup RTP on the laser table, test T control and Aq stability, feedback
- setup qpd, minimize position differences
- setup linear array, minimize spot size asymmetries

- **Part2**

- Set up of injector beamline
- e-beam at 25uA up through OI05 region, current calibration run, PITA pos scans
- feedback on, iterate PITApos voltages to minimize pos diffs in OI05, iterate PITApos voltages to minimize pos diffs in a select OL region bpm.

- **Part3**

- e-beam at 70uA up through 5MeV region, current calibration run, PITA pos scans
- feedback on, iterate PITApos voltages to minimize pos diffs in OI05, iterate PITApos voltages to minimize pos diffs in a select OL region bpm.

- **Part4**– Grames Wien flip test: 3 configs (off, right, left) with 130 keV gun

# Before and After April Run....

- UVa work now: Feedback, Temp control, GND isolation of RTP system
- Joe: Address need for additional DAC controls for RTP 8HV system
- After April run: Decide whether or not to take RTP out
- After RTP Studies (early may) replace gun with 200keV Gun

## July Plan

- Part1- if RTP needs put back in, reinstall and realign
- Part2 – injector beamline setup
- Part3 - Repeat Grames Wien flip test: 3 configs (off, right, left) after gun change
- Part 4 – Revisit of RTP stability testing/feedback