

Follow up:

- **To do:** DC to share the information on magnet settings for different plasma length. FP to put tables of camera pixel to energy / new camera position with beam position on the screen on the wiki.
- BG subtraction on the new spectrometer GUI still needs to be checked. **To do:** FP, DC on the first day of the next run.
- New GUI: Great progress, **To do:** FP to improve BG subtraction and combine the profile
- **To do:** FP, DC to present agreement of e-beam ICT and spectrometer measurements during the next meeting.
- CLEAR: analysis also progressing. **To do:** DC to present at a future meeting

Run 2c spectrometer design

To do: Follow up with Joe and a presentation in PEB showing feasibility for expected AWAKE parameters, if positive, include window in the design of the Run 2c spectrometer and present preliminary options in TB

- MW: what is the status on the betatron radiation emittance diagnostics?
 - JF: physics case not yet complete. Still needs to be validated that it could work
 - **To do (all):** check for results in Barney's Thesis
- Waterfall plot in progress, first version runs smoothly
- Possibly a discrepancy in energy calibration between old/new cameras at the very high energy end (low dispersion) of the screen. **To do:** FP to investigate and estimate uncertainties.

•To proceed on the Run 2c design:

- Define specifications. **To do:** MT to collect information
- Next step: Discuss design options, validate design

•**To do:** follow up on possible saving issue in the .h5 files for CAMs: 5-7, possibly ROI cameras

•**To do:** share instructions on how to use new camera including tables on the wiki

•**To do:** understand why beam appear split on the old spectrometer camera. Hypothesis: fire window