

Follow up:

- **Realignment of spectrometer setup:** was found misaligned. It is unclear what was knocked. The camera itself will be realigned.
- **Intensified camera GUI update:** perform a git pull on the camera software running in the control room and check operation (lag and good background subtraction) during the first Run.
- **Spectrometer upgrade:** complete setup and commissioning of three new Basler cameras and zoom in camera.
- **Background studies:** how much does the BG change when beam and plasma parameters are changes? verify if one camera setting can be used for all scenarios
- **Energy bounds:** produce table/plots for typical dipole settings for lookup in the control room
- **Background induced by foils:** Simulation results to be compared to measurements during the first run
- **Expectations for emittance measurements:** analyse previously taken data for changes
- Update from the **CLEAR** measurement campaign
- **Signal summing during measurements:** deploy a first version of a GUI that does the automatic summing.
- **Changing quadrupole strength for different plasma length:** prepare a table with beam energy, and plasma length that gives the ideal quad settings
- **Prepare and submit cable lists:** Note MT: completed and submitted on time with the help of Eloise.