

Begin time: 2:00 p.m.

End time: 2:49 p.m.

****Thank you, Alex, for setting up a Bluejeans meeting ID****

Members present: Alex, Marie, Burcu, Melanie, Michael, Nikos, Sylvester, Mark, Hamza, Nilesch, Shuo, and Ruonan

Nikos

- Hamza
 - Please update the kinematic settings according to the new beam energy and post it on the VCS page
 - Currently have two weeks for the experiment. Need to figure out details of run plan, i.e. how much time is needed for calibrations
- Someone should update the to-do list online after each meeting

Burcu

- Met with Mark and Holly on Wednesday to discuss HMS optics.
 - Needed to do some modifications on the beam offsets that were set to 0 in the replay directory. Fixed this and replayed the raw data. In the optimization input file, she was missing the mispointings, added them and re-ran the optimization code. Z vertex plots are more centered now but this didn't really make any effect on the kinematics.

Mark

- Above 5 GeV, all the magnets begin to saturate. So there's a built-in correction for the quads, but it's not perfect. So we see there's some distortion that affects y_{tar} . Looked at the sieve data to confirm that we understand the optics.
- Burcu is looking at the delta dependence we see in the elastic data to ultimately come up with a correction

Hamza

- Finished the interpolation program to find the cross section. Will refer to Adam's program and talk to Michael to improve upon it.