

Updates of the GMP meeting held on 24 October, 2014:

1. Vince:

- Updating the commissioning kinematics with the agreed upon starting angle of 22.8° .
- Will check pion rates using Wisier code from Eric to finalize the momentum setting.

2. Eric Christy for Thir:

- Thir with Alexandre's guidance checked the BCM calibration non-linearity of the scalers versus an input current.
- Suggestion to check repeatability, and how the parameters change with time.
- The residual versus current was also shown with a variation at low currents around 0.5%.
- Additional work is required to understand the non-linearity.

3. Barak:

- Updated the *How-to* websites. They are now color coded.
- A new GUI for physics variables is in progress.
- Updated xscaler display so that text is easier to read.
 - Suggestion to move “Hz” outside of the display box
 - Will color code when the rate goes above a certain value
 - The number for the S2m channels was noticed to be incorrect. This will be fixed.
- Update on SIMC simulation:
 - Showed comparison plots with and without Q1.
 - About 2/3 of the θ_{tg} acceptance is lost.
 - Will tune $B \cdot dl$ using the SOS quad.

4. Yang:

- HV crate on the right-arm has been replaced.
- Albert fixed the low voltage for the straw chambers. It seems that the problem was due to a loose cable connection, which Albert secured the cable with a cable tie.
- Showed VDC efficiency plots with regions of lower efficiency and created a table for readout cards that need to be replaced.
- Suggestion to plot time of wire versus adjacent wire to check for cross-talk.
- There are still two missing subgroups for the straw-chamber on the right-arm. Sometimes they work and other times they do not.
- Still working on Optics and studying background with the sieve data from the spring run.