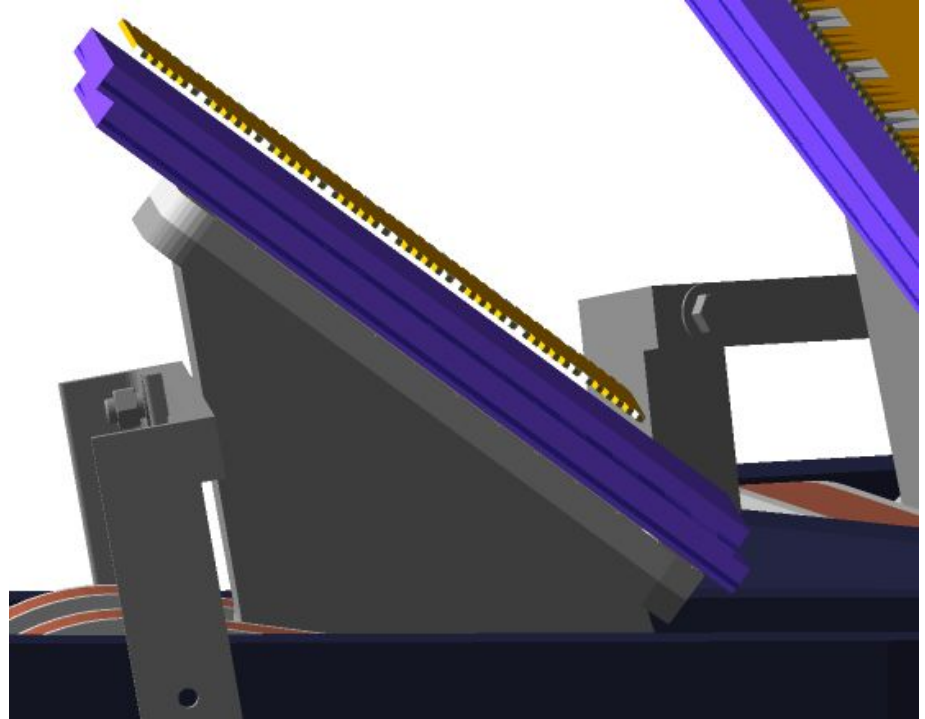


GEM Repositioning

Laura
2024-07-23

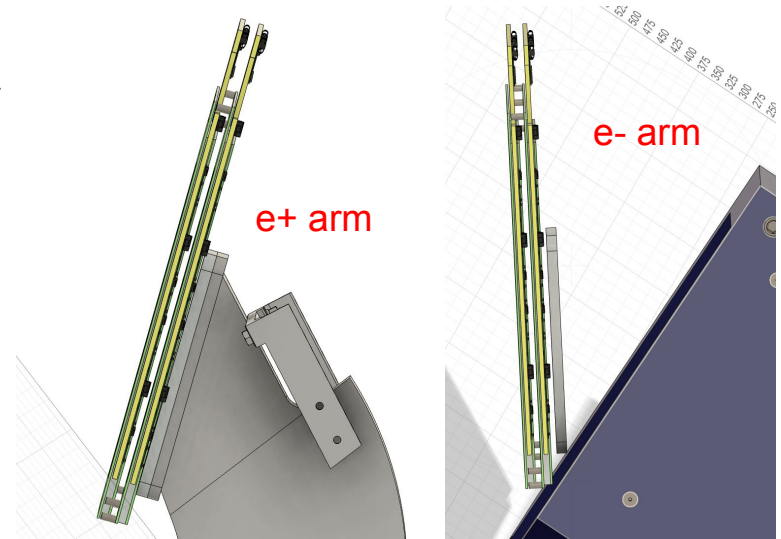
Old positioning

- Staggering will not be there
- Positioning is also not reflective of the latest SolidWorks model provided by MIT



GEM coordinates

- Previously translation was kept a bit more general but this is no longer strictly necessary since we are importing (most) parts from the CAD drawing with the correct coordinates
- Easier to find the centre point of each GEM from the drawing and put it in G4
- One thing: separation from window to GEM is different in the CAD drawing for the e^+ and e^- arm
- Have assumed e^+ arm is correct and just rotated those coordinates to the e^- arm for now



New positioning

- Some code clean up and need to make sure I'm not messing up the trigger positioning code (partially based on the angles/distances previously used for the GEMs)
- Will create pull request once that's done

