

- **Length:**
  - PRL Limit is 3750 words.
  - I calculate current length to be about 4680 words:
    - 3630 words from text (including captions)
    - 970 words from size and number of figures
    - 80 words from size of table
  - Also uploaded a version of the paper with some parts highlighted where I think there is most scope for reducing length:
    - Phase monitor details.
    - Theoretical limit on corrected jitter equation.
    - Results with wiggling.
    - Conclusions.
    - (My least preferred option)Orbit closure.
    - (My least preferred option)Correction Range.
  
- **References:**
  - Still need completing.
  - I hate BibTeX/need to sort out the formatting.
  - Probably no way to avoid heavily relying on CDR, my thesis.
  - For FONT5(a) board – could reference one of the ATF papers? But my thesis seems more appropriate as there are some details on PFF firmware etc.
  
- **Title:**
  - Phil’s suggestion was: “Stabilisation of the Arrival Time of a High Energy e- Beam at the 50 fs Level”.
  - I feel like high energy isn’t important, but high bandwidth is a critical part of the PFF system, so have proposed a slightly different title:
    - “High Bandwidth Arrival Time Stabilisation of an Electron Beam at the 50 fs Level”
  
- **Main Text:**
  - Added more details/comparisons to CLIC.
  - Added a paragraph comparing PFF and the FLASH feedback.
  - Bit more detail on the design of each hardware component.
  - Slightly simplified/shortened optics, orbit closure, R56.
  - More detail on correction bandwidth (new figure).
  - Improved explanation of why 0.2 degree correction longer than 10 minutes difficult.
  - Feel like maybe something more needed to emphasise quality/importance of the results, and the challenges of the system vs. feedbacks elsewhere.
  
- **Table:**
  - Is new, was one of Phil’s suggestions.
  
- **Figures:**
  - In general, aspect ratio, font sizes to standardise. Legends to think about.
  - PFF layout (Fig 1).
    - I’ve removed the CTF section labels, made small adjustments to make it work better as a single column figure.
    - Still think it looks better across two columns, but that triples the word equivalent (303 words vs. 107 words).

- Also would be nice to have the complete combiner ring on there. But even more difficult single column, and would need to find the source of the layout image.
- Correction Range (Fig 2):
  - Just markers, no linear fit/predicted phase shift.
- Gain Scan (Fig 5):
  - Replaces downstream vs. upstream phase scatter plot.
  - Personally I do quite like the PFF on/off scatter plots as an illustration of what the PFF system is doing, but jitter vs. gain is probably better and difficult to fit in both.
- Frequency of phase errors (Fig 6):
  - Replaces flatness histogram.
  - FFTs of PFF performance at different frequencies.
- Mean phase with wiggling (Fig 9):
  - Maybe wasn't included in last draft I sent, don't remember.