**Introduction:**

* Need to restructure to have the order: WDM intro 🡪 WDM production in general 🡪 X-ray diagnostics in general 🡪 Two brief descriptions of current WDM experiments with x-ray diagnostics 🡪 transition into description of ion-beam and FAIR 🡪 Describe XAFS briefly 🡪 Introduce general experimental setup 🡪 Discuss spectrometers, putting forward main ideas 🡪 Close with short paragraph saying why the project is great 🡪 Outline the content of the thesis
* Draw inspiration from introduction of HIHEX paper
* Two experiments will be: NIF and additional example from HIHEX paper
  + Will form the perspective for introduction of our general experimental setup
* Generally need to flesh out sections

**Results and Discussion**

* Need to finish data processing, optimally in one day. Last hurdle is odd relative size of FSSR and DUCC errors
* Always address error calculations as tackling each section
* Just need to do it, all the information is already in my head

**Summary and Outlook**

* Summarize the most important results for each spectrometer giving a general idea of the conclusions.
* Begin outlook with reiteration of the 2024 experiment and then make recommendation of dual channel KAP spectrometer for EXAFS probing.
* Be sure to mention AXAWOTLS

**Corrections**

* Leave for last, as can do while Philipp is correcting the final sections.

**Planning**

* Have until the 28th of December. Excludes 22nd and 23rd and 25th
* 19th
  + Finish data processing
* 20th
  + Work on introduction
* 21st
  + Finish introduction
* 24th
  + Finish emission spectra
* 25th
  + Finish absorption
* 26th
  + Do resolution
* 27th
  + Finish R\_int, CE and start summary
* 28th
  + Finish discussions of results and introductory paragraphs. Begin summary
* 29th
  + Finish summary and outlook and last introduction paragraph
* 1st
  + Final check and send to Philipp
* 2nd to 4th
  + Implement the first round of corrections
* 5th to 7th
  + Implement second round of corrections
  + Send to Paul
* Until the 9th
  + Work on presentation
* 10th and 11th
  + Implement pauls corrections
* 12th
  + Print and give to Vincent
* 15th
  + Probevortrag
* 19th
  + Vortrag