



LOI status



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X

NEWS

I gave a seminar at the EU.XFEL last Tuesday

- Talk was generally well received
- A few questions/comments: e.g. if we should use PETRA instead of EU.XFEL => I explained disadvantage of factor 3 lower energy
- Comment on HIBEF 400 TW laser => had a chance to look at it afterwards: ~60 sqm

Florian and Winnie went to Osdorfer Born location and checked out rooms

- About the experiment there are two rooms (connected) with 10 sqm and 17 sqm area
- Will need to understand what laser we could fit in there
- Will need to understand if it is possible to add a building/extend current building to have larger laser

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SCIENCE CASE

- Current draft: ~4 pages
 - General explanation
 - Science motivation
 - Plots showing measurements we can do
 - Need:
 - Improve on science motivation
 - Add plots on Compton process
 - Add new physics case (?)
- Thanks to Ben King, Thomas Heinzl and Anthony Ilderton for providing document on science case
 - Would be great to have separate document on this we can refer to as room in LOI limited
- Should be able to complete draft and ask for comments by end of June



OVERALL SETUP

Have a rough draft but

- Need to see other chapters to make progress
- Should be able to have advanced draft end of next week

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