FCC-ee: Your Questions Answered

A preprint entitled “FCC-ee: Your Questions Answered” was prepared for the previous European Strategy Update (2018-2020), and can be found at https://arxiv.org/abs/1906.02693.

Contents

This document was aimed at answering the questions people had always wanted to ask but never dared asking, and especially to lay popular beliefs and frequent misconceptions to rest

FCC-ee: Your Questions Asked

We plan to update the document for the next ESU (2025-2026)

- With answers to popular (new) questions and misinformed statements
- With actualisation of previous answers, to match the overall context evolution
- With a removal of obsolete questions/answers

You are invited to browse/read this document, see what's missing (according to you), ask more questions, and – if you can/wish – propose articulated answers.

A Google Doc ("FCC-ee: Your Questions Asked") is available for you to add questions

- Can cover many aspects: scientific, (geo)political, environmental, financial, moral, …
- You can also make suggestions on how you would update/modify existing answers
- Examples of already asked questions in previous US meetings can be browsed therein

An Overleaf document is being prepared with already three and a half new answers

- LEP3 as a plan B? How many IPs? Importance of the top-pair threshold?
- Current rewriting of "How good is FCC-ee as a Higgs factory?" (with comparisons)
- Your question(s) will be an invaluable input to this document