

List of actions

Pertaining from the last fcc-ee accelerator meeting (no. 13) or earlier

- Generate optics which correspond to the current FCC tunnel basic layout (8 straight sections, two of which 4.2 km long, the others 1.4 km, etc.)
- Change the phase advance per cell in the arc to 0.22 pi instead of 0.25 pi per cell and note the differences
- Introduce arc misalignments & correction scheme and study vertical emittance which can be achieved as a function of alignment tolerance.
- Run the DA code on the latest Anton IP layout.
- Sergey reported that there is an apparent bug in MADX. Putting a solenoid with zero field changes the results. Already Anton has filled a ticket and is waiting for action from the MADX developers.
- Pavel reported that there is an aperture limitation due to the sextuples in the arcs. This needs to be verified and mitigated.

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