



SEEIIST layout of accelerator part

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Updates

- Incorporated low energy experiments part
- 16 dipoles in the synchrotron, size of PIMMS 22.5 deg dipole
- Current footprint: ~80x55 meters (technical part only, including treatment rooms)
- Expect it to grow, 90x60 meters are probably safe numbers; more if we take PIMMS approach to beam lines
- HE experimental area separated into two large areas
- LE experimental area: undervaluated?

SEEIIST layout version Feb 6, 2020



Next steps

- Calculate optics of the beam lines (gantry until entrance)
- Correct layout, make sure it is feasible
- Verify angles, thickness of shielding etc.
- What level of precision?
- Comments?
- What to do when people ask for it? When public?