

Extraction line topics for LCWS (in progress)

- Description of the latest extraction optics design for push-pull. Three options of $L^* = 3.51$ m, 4.0 m and 4.5 m.
- Primary extracted beam tracking for the 500 GeV CM parameter options (what about 1 TeV CM?). Power losses on magnets and collimators for various parameter options including the effect of the dump sweeping system.
- Beamstrahlung photon tracking, power loss on collimators.
- Beam size at Compton IP and dump.
- Correction of detector solenoid orbit and focusing, and expected effect on power loss and beam size.
- Input from others (Ken, Takashi) - diagnostic, backgrounds?