

LUXE: machine aspects

Accelerator (Evgeni, Florian, Ralph, Winnie)

1. What are the beam properties at location of experiment (after undulators)? Are there focussing elements needed after the undulators before the IP?
2. How much space do we have in the tunnel for use? How much needs to remain for access and safety in this region?
3. How bad can beam properties be after experiment before dump? What is the minimum bending radius allowed?
4. Can we reuse old magnets available at DESY for schikane?
5. To which extent is the crane needed in the future? Can we guide pipe through crane path?