

LUXE: Experiment/Detector aspects

Experiment / infrastructure (Matthew, Beate, Jenny, Ties)

1. Where can the experiment go in the tunnel?
 - a. What are the experiment's maximum dimensions?
 - b. Need diameter of tunnel and how much is needed for safety; this leads to how much can we use.
 - c. Should the "schikane" be vertical or horizontal?
2. Need to start simulation of detector systems
 - a. Can start with simple analytical calculations to get rough positions of magnets and detectors and the fields needed.
 - b. Can also make more detailed GEANT simulation.
3. When will the call for proposals open for use of the tunnels?