

LUXE-SAS

WEIZMANN
INSTITUTE
OF SCIENCE



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Recap

- FLUKA:
 - Need a meeting with DESY's radio-protection people (and dump experts)
- GEANT4:
 - more stats for the calo (TDR) study - update today
 - integration with key4hep - need an introduction / short tutorial
- IP chamber discussion
 - Dec: will use two pipes, JENA will do the design of the final stretch
 - last week: discussion between Matt, Ishay and Asaf on the interior of the chamber
 - Asaf is working on re-implementing (from scratch) the changes on the breadboard (~1-2 weeks)
 - Another small meeting with Matt to see if this is OK and discuss the imaging and alignment elements
 - Then take back to Karsten for discussing the chamber's shell and any other feedback (collisions, etc.)
 - Then JENA will do the design of the final stretch up to (including) the turning box above the chamber
- FastSim:
 - more volunteers are welcome
- NPOD:
 - update last week, some progress is made in the comparison (stripping-off the setup, etc.)
 - Good to update of the detector module in parallel, according to the the KIT model (better than the current assumption)