

SAS meeting

WEIZMANN
INSTITUTE
OF SCIENCE



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Recap

- Experimental model implementation and sync with main CAD
 - Louis and Sasha met after the Sep workshop
- PTARMIGAN simulation
 - Steady-state now
- GEANT4 simulation (sig and bkg): e+laser, g+laser, g+needle
 - Fast simulation (integrated with GEANT4):
 - move to LUXE geometry is much more complex: [link](#)
 - Beam halo and beam-gas interaction
- FLUKA simulation (bkg only): e+laser (w/ and w/o magnet), g+laser
 - shown in the Sep workshop by Stewart: [link](#)
- NPOD setup (geometry and simulation)
 - status by Nicolo: [link](#)
- Analysis and performance
- Data management