# New Physics Search and Dump Calorimeter at LUXE



#### **Ivo Schulthess**

Weekly LUXE Meeting Deutsches Elektronen-Synchrotron DESY

## 2024 - KW40

LUXE Meeting, DESY

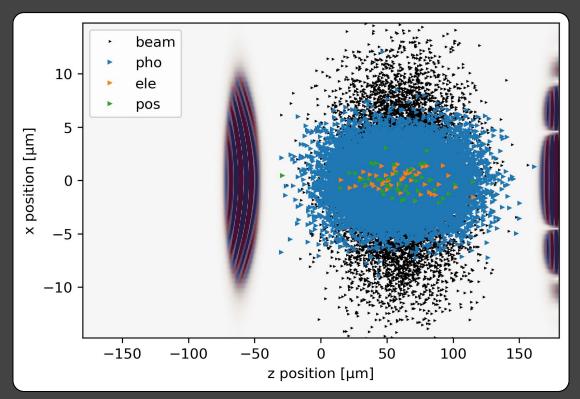
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#### Status Summary

#### - **FLF publication** 75% written

- data analysis should be discussed with LUXE-DESY
- results could be presented and discussed with MDI
- started **beyond-collider studies** for future collider
  - focus on LC Vision
  - some things for FCC
- working on **WarpX simulation** of LUXE
  - close collaboration with Maxence (+ team) and Ruth
  - can be used to benchmark Ptarmigan
  - interesting also for other beam/laser simulations

### Highlight WarpX Simulations



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