## Simulation TF

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## Intro

## Production

- \* <u>electron+laser</u>: Sasha has implemented Florian's dump tentatively more news today.
- <u>photon+laser</u>: depending on status of implementations of changes: \* this week: launch the 2nd (and final?) production campaign
- \*\* LANEX option for all screens in 3 locations: upstream monitors, IP system\* and forward spectrometer  $\ll$  also replacing LYSO (to be used in conjunction with the Cherenkovs)  $\longrightarrow$  need to adjust in G4
  - \* resolution can be below 500 um, depending on the grain size (<50 um), scattering effects and mostly the camera(s).
  - \* radiation hardness is probably good enough for the fwd photon spectrometer, but not clear if it is also fine \*\* for the profiler (can it be made with a hole in the middle?) % for the upstream photon monitor system
  - \* regardless of rad-hardness, can the profiler be placed after the backscattering calo (and before the dump)?
- ✤ Analysis:
  - \* starting tentative daily meetings on 09:00 DESY time (Mondays to Thursdays) until we converge
  - \* new mailing list <u>luxe-analysis@desy.de</u> for technical discussions \*\* ask Matthew to add you if you want to and you haven't been added
  - DESY chat room in <u>https://chat.desy.de/desy/channels/luxe-simulation-and-analysis#</u> ✤ but you'd need a DESY username

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\* keep track on the G4-output analysis in view of producing the info for the simulation and results chapters of the CDR

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