

**Working Group:
LWFA + PWFA + Laser Driver + Sims,
Topic: LWFA staging**

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Potential topics:

- Electron injector from LWFA or conventional injector?
- Acceleration stage: which scheme(s) should we investigate?
- Interfaces: plasma mirrors
- Interfaces: reduced models?
- Laser energy recovery
- Laser asymmetries, drifts, pointing instability, ... at collider regimes
- Investigation of alignment tolerances
- Best option(s) for compact, achromatic beam transport optics
- Simulation tools for interfaces, energy dissipation, channel formation, ...