Jour Fixe

NJ, PG, WFP, kHz

Atomslab

- TiSa SHG
  - Toptica does not tell anything about the waist in the cavity
  - Tried different incoupling lenses, but ended up to either end of the alignment
    - 1.3 W @ f=100mm
  - Outcoupling beam cant kept symmetrically
    - Probably first collimation lense not perfectly collimating → You can't get the beam symmetrical with TODO
- Build a spare laser for L4 but in Littrow configuration
- SWAP experiments
  - With SWAP light → Number of atoms still go down (7.5 µW, 20 MHz detuned)
  - Going closer to resonance, line becomes narrower
  - Atomcount in the DT are low: TMOT?
- Quench
  - Power optimized: Back to 40 mW infront of fiber
  - Now working on frequency stabilization and tuning it to resonance

Reslab

- SS + NJ got the comb back working
  - Good modelock point
- Next: Coupling to new PCF