

Jour Fixe

NJ, TK, WFP, SS, kHz

General

- NJ has submitted an abstract for EFTF 2021
- SS had a meeting with Stefanie Kroker to discuss Meta mirrors
- SS will go on parental leave in June and July

Atomslab

- NJ has been working on the Bloch band paper
- SWAP measurements for 20 ms up to 3 s of cooling time → seems to settle after approx. 400 ms
- SWAP measurements for different cooling powers → increasing power up to 550 μ W increased the effect of linewidth reduction
 - Check out for even higher powers
- Optimal end detuning changes over time → changed by 400 kHz in ~3 months. Caused by drift of laser? Or VCO?
- After easter setting up of CODT is planned

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