

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

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 μW 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

From:
<https://iqwiki.iqo.uni-hannover.de/> - IQwiki

Permanent link:
<https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:private:meetingnotes:2021-03:meetingnotes-2021-03-29&rev=1617263498>

Last update: 2021/04/01 07:51

