

Jour Fixe

SS, WFP, PG, NJ, KZ

Atomslab

- Ernst and Nandan have agreed on more or less final form of the Bloch band paper outline and figures.
- Ernst also wrote the abstract and now Nandan will start to write the paper.
- Waldemar had atoms in the S-MOT, and will continue with the rest of the steps in loading to dipole trap.
- The Wutz cavity is slightly misaligned that needs the incoupling to be readjusted.

Quench

- Looked at the beam from TA to fiber. Looks ok, but maybe will try another collimator. Efficiency is like 43%.
- The lens position after AOM makes a difference in efficiency. Will go back to the cat eye design.

PTB/Meta-mirror

- Steffen worked completely last week on Metamirror project
- Had a meeting with Ernst and again another meeting on 22nd.
- Lost last week coupling of the mode in the cavity, again found the mode and measured again the ring down between 1535 and 1565 nm using reference mirrors.
- There is a new laser that can tune over longer wavelength and has more power.
- Preparing to present results in Uwe's group on next Tuesday: Metamirror results.

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