

Meeting with Ernst

NJ, WFP, EMR

Notes

- Ernst mentioned that in Ludlows group Sisyphus cooling was performed in an optical lattice
- Check Trap depth along Rayleigh range
- Measure and compare loading rates of single beam ODT and crossed ODT
- Do some simulation on SWAP cooling in crossed ODT
- Why weren't we able to measure better cooling effect?
- What are the limits of our system in terms of cooling
- CODT could make use of quenching necessary due to higher trapfrequency

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