

# Jour Fixe

WFP, NJ, PG, SS

## General

- The next week's meeting will be delayed by 1 hour. Will be confirmed on the day.

## Atoms Lab

- Waldemar performed SWAP measurements last week. Varied number of sweeps and saw some influence of cooling, especially significant in long time scales.
- Will next look at influence of sweep rate.

## ResLab

- No new news from PCF. Nandan was working mostly with Philipp on Quench experiment.
- finished the measurement of phase noise.
- Ordered the PCBs of laser driver.

## Quenching

- Observed quenching using the heating in dipole trap. Atom loss rate from dipole trap due to Wutz light was around 30 ms, while after shining 10 mW of quench light, it was around 3-4 ms.
- Philipp is analyzing the data to extract the information on quench rate of the transition.

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