

# Meeting with Ernst

NJ, WFP

## General

- Send Verdi to Coherent for inspection
- What is the status of Dominika's thesis
- Frequency measurement not part of Nandan's thesis
- Set up an alarm in case of AC failure (proposed by Ernst)

## Nandan's thesis

- Focus on writing till TiSa arrives
- Finish non-linear AC Stark shift measurements
- Send data analysis of first four chapters to Ernst
- More detailed discussion on thesis in August

## SWAP Cooling scheme

- Measure Rabi flops on intercombination line
- Ernst suggested using a degenerate trapping potential
- Quenching needed to speed up the cooling scheme
- Cooling in one axis affects also other directions!? (compare to Raman cooling in a trap)

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

Permanent link:  
<https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:private:meetingnotes:2020-07:meetingnotes-2020-07-23>

Last update: 2020/07/24 06:13

