

Maser: A. Bauch will take care on that

S. Sauer:

- PCF is ordered: will arrive this week
- OXCO behaviour checked after switching off and on again and also with backup upc
- gps reciver on/off behaviour checked

Atom Lab:

- Laser 2 TA changed, translation stage for the zylindrical lens implemented
- 50% through fiber due to new Diodes: beam shape more elongated, since than problems with fiber coupling,
- new pc for Xabbu3, money will come from vlbai,
- Balcony still not allowed to enter, we will prepare everything for the worst case, discuss with Ernst
- no Notstrom availble (power is supplied by batteries)

Quench laser:

- got rid of frequency jumps by implementing new temperature controller at the diode (from kmk design to thorlabs)
- intensity fluctuations removed by aligning the polarization to the fiber
- Beam height aligned
- Waldemar calculated scattering rate to 1k at 20mW and 350um.

2nd Atom lab: part will go to QG, Saturation spectroscopy to Main lab, discussion an Wednesday with Ernst on that

Next meeting: 6.01.

From:

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

Permanent link:

<https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:protocols:2019-12:labbookentry-2019-12-16>

Last update: **2020/01/06 11:28**

