Jour Fixe

PIA, DF, NJ, NW

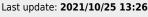
Mg

* Mg Lab:

- Issue with laser 4 power coupling to cavity. Only 25 micro W.
- Ordered new combining beam plates to increase laser 4 power, while sacrificing laser 1 power.
- Working on the inventory of laboratory equipments. Alex: Only equipment with either AC supply or voltage above 30 V needs to be checked.
- * DDS Project
 - Evaluating the data. The beat frequency data is fitting only for a part of the sweep, not the full sweep.
- * SWAP Simulation:
 - Issues with SWAP code: sometimes atom escape the trap region. Issues with atomic motion within the trap.
- * Frequency measurement paper: Waiting for some comments from PTB.



Permanent link: https://iqwiki.iqo.uni-hannover.de/doku.php?id=groups:mg:private:meetingnotes:2021-10:meetingnotes-2021-10-25





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