

Jour Fixe

PIA, DF, Ira, NJ, kHz

General

- Moved to new meeting system: <https://meet.uni-hannover.de/MgMeeting>
- Electrical safety
 - RCDs have to be installed → Contact Wolfgang Bartosch
 - Best in the Fuse-Box
 - Devices connected to 230V mains **need to be checked** regularly (at least every 2 years). **NO EXCEPTION**
 - People can be trained by KMK to do the checks
 - Get at least two people for that
 - Best thing, you create an inventory list like

|Device Type|Manufacturer|Model Number|Serial
Number|Comment/Location|Gefährdungsbeurteilung/Manual|Last tested|

- Tip: Work from one side of the room towards the other side of the room and sort the list accordingly
- Testing: Device needs to be taken out of racks etc, so it is not somehow in touch with protective earth grounding via the rack etc
- Write a Betriebsanweisung + Gefährdungsbeurteilung per Device-Class and link it to your device. This is on top of having a manual linked to it
- Devices connected to 230...
 - ... are not allowed to be used, if they are not tested or have no valid sticker anymore
 - ... are not to be operated by a person, who has not studied the Betriebsanweisung/Gefährdungsbeurteilung for this device yet.
- Gefährdungsbeurteilung/Betriebsanweisung of the lab need to be updated
 - Add point, regarding the 230V rules above
 - Add point, that devices need to be regularly tested
 - Add point, where this inventory list is to be found

Mg

- Nishad working on integration of Toptica SHG
 - Coupling to cavity mostly done
 - Only ~ 2 mW
 - This week: UV
- NJ thesis corrections from Ernst implemented
- DDS project

- Scanned some sweeps + evaluating data
 - Last week: 10 ms scan
 - This week: 1 ms
 - Data looks not so good as the last week.
 - Should not be related to the oszi (4 GS) → Settings?

ResLab

- Still nobody working there

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