Module: After the experiment

- Get participant out of MSR
- Help participant remove electrodes. Show him/her to the changing room
- Finish protocol (empty room recording, etc.)
- Show participant out
- Clean equipment
- Run MaxFilter
- Upload data



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- Throw away used electrodes, tape, and other disposables
 - Do NOT throw away HPI coils clean and return
- Make sure used clothing and pillowcases go in laundry bin
- Used EEG syringe goes in seperate bin

Analysis computer

- Running MaxFilter
- Data transfer
- Not for actual data analysis





MaxFilter

Seperates singnals originatig from inside and outside helmet.

- Remove "noise"
- Movement compensation/change head origin
- Must be done when IAS is active (which it is as default).

You should already have familiarized yourself with MaxFilter by watching the video lectures: <u>http://natmeg.se/learn%20about%20meg/meg%20topics</u> /data%20maxfiltering.html





MaxFilter

Options

- SSS or tSSS
- Movement compensation
- Shift head position

Be aware what you want to do!



GUI or script



MaxFilter

Options

- SSS or tSSS
- Movement compensation
- Shift head position

Be aware what you want to do!

<u>File Parameters Display Averager</u>	
	<u>H</u> elp
Current settings [Input filename: not defined Fine-calibration is applied from file /neuro/databases/sss/sss_cal.dat. Cross-talk correction is applied from file /neuro/databases/sts/sts_sparse.fil. Origin: 0.0 0.0 40.0 [mm] in head frame (default). Inside expansion order 8, outside expansion order 3. Composing 80 inside and 15 outside harmonic terms, optimize inside basis. Automated bad channel detection scans the whole file, limit 7.0. Time-domain extension (tSSS) is not used. Number of threads to use: 12	



Upload data

Data must be uploaded to the server "Storage"

- 1. Open "Beyond Compare" 🥝
- 2. Set-up workspace. Require login to Storage/Archive
- 3. Transfer data
- 4. Remove data



