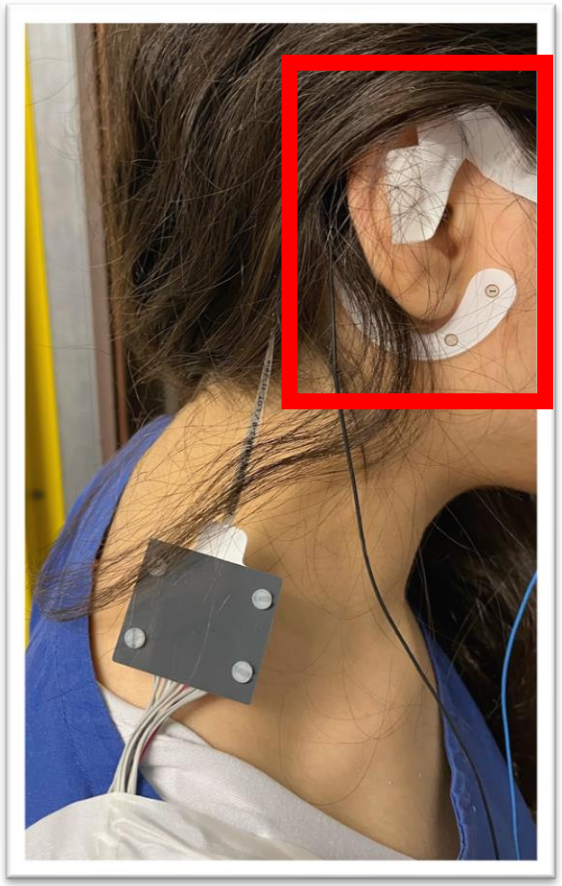
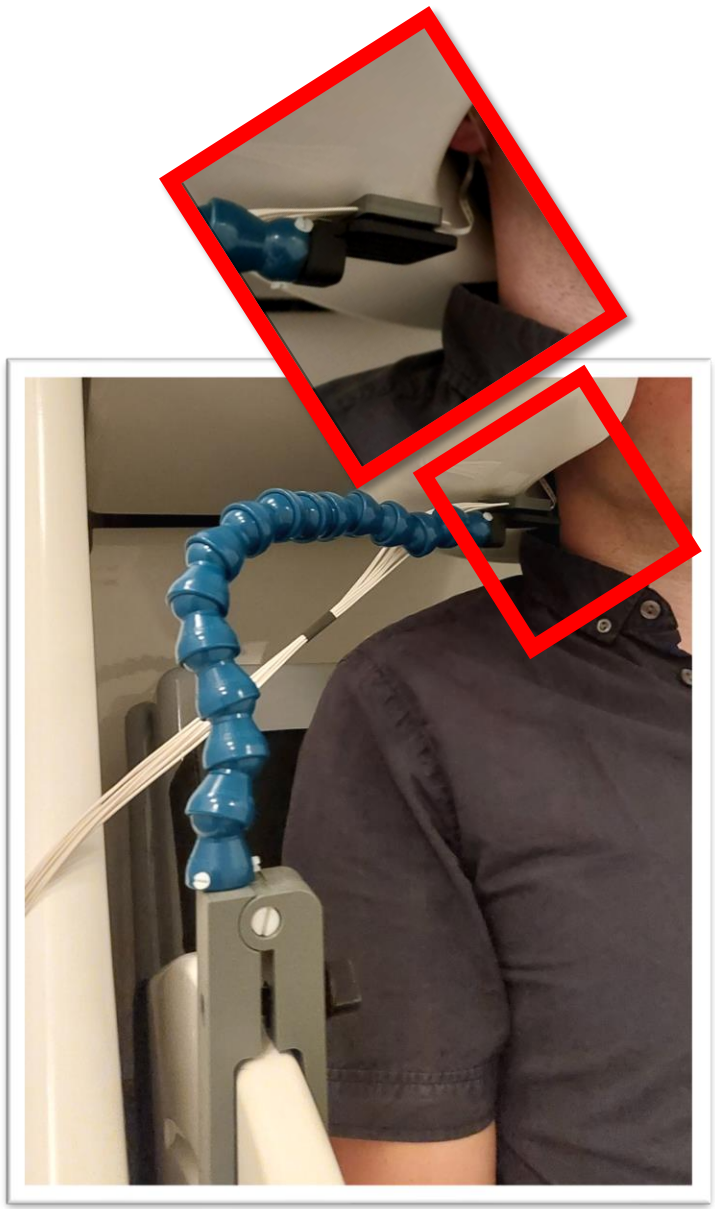
Carl von Ossietzky
Universität
Oldenburg

Ear-EEG compares well to MEG in recording auditory ERPs?

Till Habersetzer, Andreas Spiegler





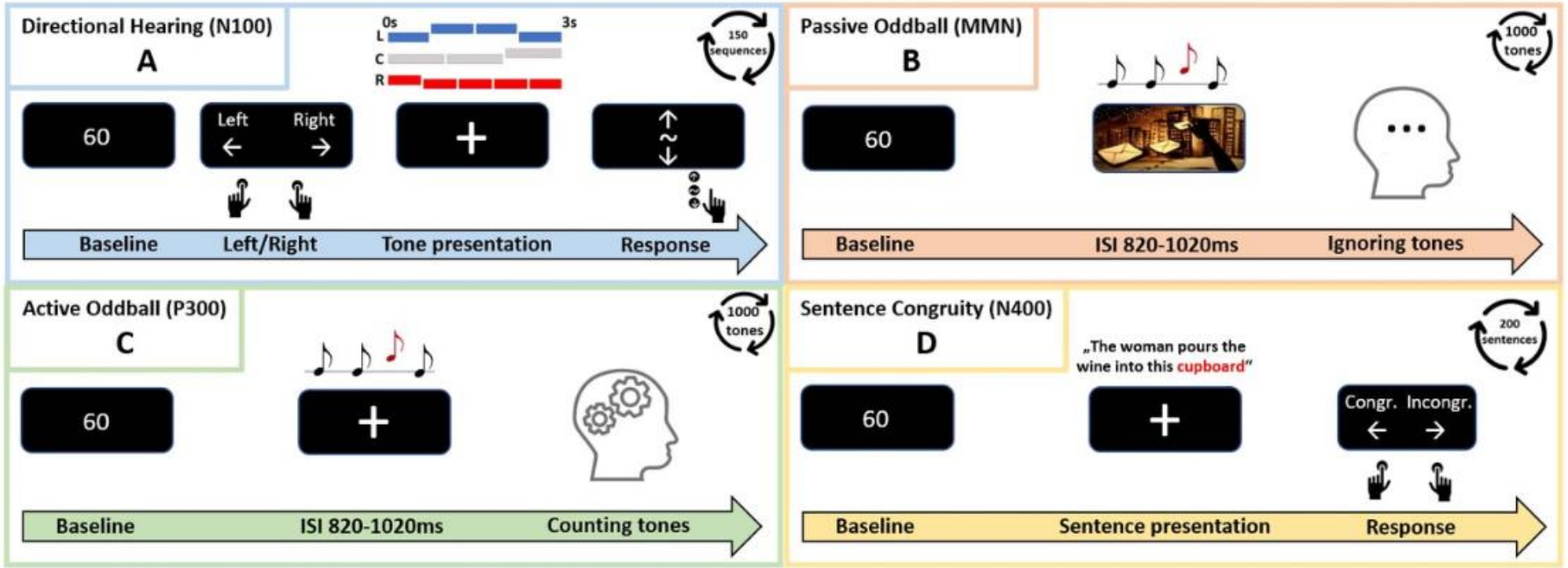
Carl von Ossietzky
Universität
Oldenburg

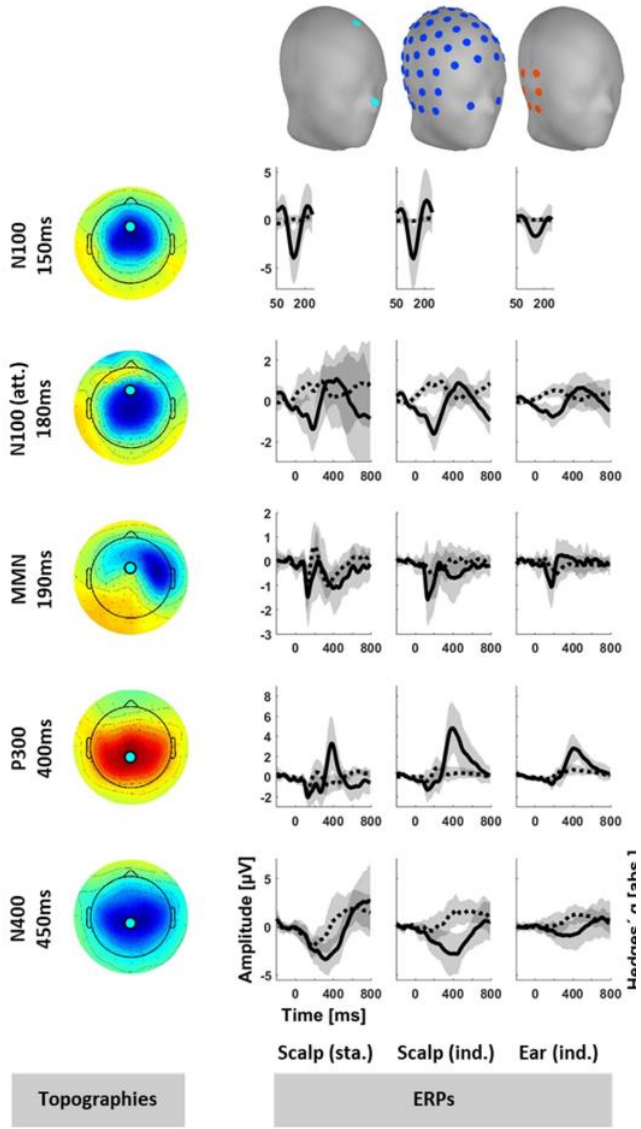
Ear-EEG compares well to MEG in recording auditory ERPs?

PAPER • OPEN ACCESS

Ear-EEG compares well to cap-EEG in recording auditory ERPs: a quantification of signal loss

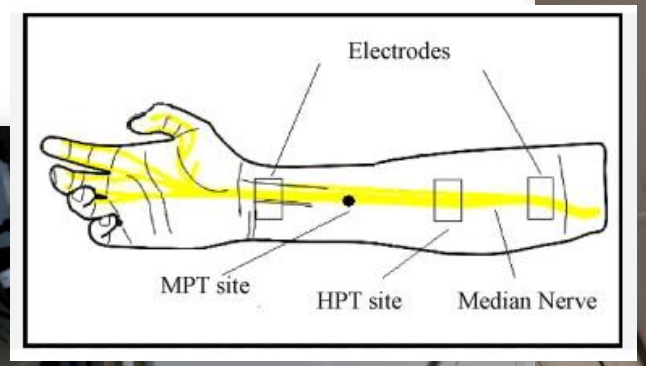
To cite this article: Arnd Meiser and Martin G Bleichner 2022 *J. Neural Eng.* **19** 026042

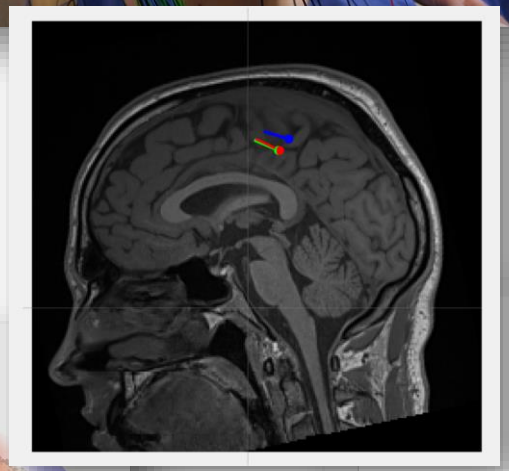


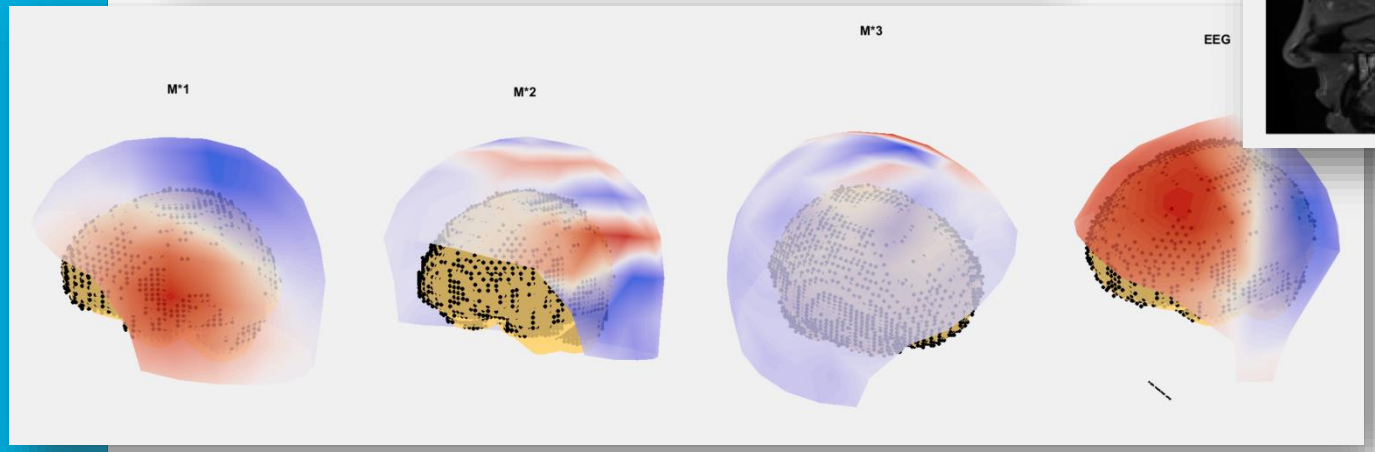


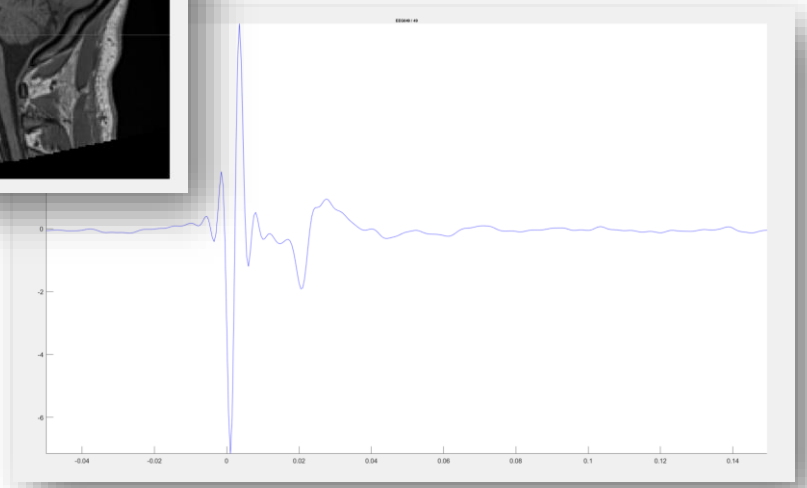
Carl von Ossietzky
Universität
Oldenburg

Last practical – median nerve stimulation









Carl von Ossietzky
Universität
Oldenburg

Contraindications - Who can not participate?

To avoid magnetic interactions – especially with metals – because they reduce the measurement accuracy, **no metals** should be worn on your body during the measurements.

- No metallic implants, they also have the possibility to be ferro magnetic (**Retainer**!!)
- Tattoos (also permanent make-up, especially shoulder, head area) can contain color particles with metallic parts in it.
- No pacemakers, neuro-stimulators, insulin pumps or hearing devices.
- Also cosmetics such as mascaras, rouge or even styling gel can contain metal. Please avoid using those on the day of measurement.
- **But you can also ask your fellow students if they would like to participate and be measured**

We are planning to include an anatomical MRI of your brain in this project