

# Selected publications

- Andersen, L.M.**, Pfeiffer, C., Ruffieux, S., Riaz, B., Winkler, D., Schneiderman, J.F., Lundqvist, D., 2020. On-scalp MEG SQUIDs are sensitive to early somatosensory activity unseen by conventional MEG. *NeuroImage* 117157. <https://doi.org/10.1016/j.neuroimage.2020.117157>
- Manting, C.L., **Andersen, L.M.**, Gulyas, B., Ullén, F., Lundqvist, D., 2020. Attentional Modulation of the Auditory Steady-State Response across the Cortex. *NeuroImage* 116930. <https://doi.org/10.1016/j.neuroimage.2020.116930>
- Andersen, L.M.**, Jerbi, K., Dalal, S.S., 2020. Can EEG and MEG detect signals from the human cerebellum? *NeuroImage* 116817. <https://doi.org/10.1016/j.neuroimage.2020.116817>
- Pfeiffer, C., Ruffieux, S., **Andersen, L.M.**, Kalabukhov, A., Winkler, D., Oostenveld, R., Lundqvist, D., Schneiderman, J.F., 2020. On-scalp MEG sensor localization using magnetic dipole-like coils: A method for highly accurate co-registration. *NeuroImage* 212, 116686. <https://doi.org/10.1016/j.neuroimage.2020.116686>
- Andersen, L.M.**, Overgaard, M, Tong, F. 2019. Visual expectations change subjective experience without changing performance. *Consciousness and Cognition* 71, 59-69
- Andersen, L.M.**, Lundqvist, D. 2019. Somatosensory responses to nothing: an MEG study of expectations during omission of tactile stimulations. *NeuroImage* 184, 78-89 <https://doi.org/10.1016/j.neuroimage.2018.09.014>
- Andersen, L.M.**, 2018. Group analysis in FieldTrip of time-frequency responses: a pipeline for reproducibility at every step of processing, going from individual sensor space representations to an across-group source space representation. *Front. Neurosci.* 12. <https://doi.org/10.3389/fnins.2018.00261>
- Andersen, L.M.**, 2018. Group Analysis in MNE-Python of Evoked Responses from a Tactile Stimulation Paradigm: A Pipeline for Reproducibility at Every Step of Processing, Going from Individual Sensor Space Representations to an across-Group Source Space Representation. *Front. Neurosci.* 12. <https://doi.org/10.3389/fnins.2018.00006>
- Andersen, L. M.**, Oostenveld, R., Pfeiffer, C., Ruffieux, S., Jousmäki, V., Hämäläinen, M., et al. (2017). Similarities and differences between on-scalp and conventional in-helmet magnetoencephalography recordings. *PLoS ONE* 12, e0178602. <https://doi.org/10.1371/journal.pone.0178602>.
- Andersen, L.M.**, Pedersen, M.N., Sandberg, K., Overgaard, M., 2016. Occipital MEG Activity in the Early Time Range (<300 ms) Predicts Graded Changes in Perceptual Consciousness. *Cereb. Cortex* 26, 2677–2688. <https://doi.org/10.1093/cercor/bhv108>
- Joansson, M., Thomsen, K.R., **Andersen, L.M.**, Gross, J., Mouridsen, K., Sandberg, K., Østergaard, L., Lou, H.C., 2015. Making sense: Dopamine activates conscious self-monitoring through medial prefrontal cortex. *Hum. Brain Mapp.* 36, 1866–1877. <https://doi.org/10.1002/hbm.22742>
- Sandberg, K., **Andersen, L.M.**, Overgaard, M., 2014. Using multivariate decoding to go beyond contrastive analyses in consciousness research. *Front. Psychol.* 5, 1250. <https://doi.org/10.3389/fpsyg.2014.01250>
- Andersen, L.M.**, Visser, I., Crone, E.A., Koolschijn, P.C.M.P., Raijmakers, M.E.J., 2014. Cognitive strategy use as an index of developmental differences in neural responses to feedback. *Developmental Psychology* 50, 2686–2696
- Andersen, L.M.**, Basile, B.M., Hampton, R.R., 2014. Dissociation of visual localization and visual detection in rhesus monkeys (*Macaca mulatta*). *Anim Cogn* 17, 681–687. <https://doi.org/10.1007/s10071-013-0699-7>