MARAIS, Anne-Lise

Looking for a postdoctoral position in EEG signal processing in Jan 2024

🌐 https://annelisemarais.github.io   ⭘ https://github.com/annelisemarais

🐦 https://twitter.com/Annelisephd   R⁶ https://www.researchgate.net/profile/Anne-Lise-Marais

EEG | Programming | Developmental neuroscience | Neurodevelopmental disorders

EDUCATION

2020-2023 – PhD in psychology, supervised by Dr. Nadège Roche-Labarbe (associate professor in psychology) COMETE laboratory (UMR-S 1075 – INSERM), University of Caen Normandy. *Neurofunctional exploration in high resolution electroencephalography and near infrared spectroscopy of the development of sensory prediction.*

2019-2020 – Master in educational psychology (cognitive and development), University of Caen Normandy, with honors
Psychologist title (License number: 149312472).

2016-2018 – Bachelor in psychology, University of Caen Normandy, with honors

PUBLICATIONS

2023 – **Marais, A-L.** & Roche-Labarbe, N. (2023). *Predictive coding in early development: perspectives for neurodevelopmental disorders.* (in preparation)

Toutain, M. & **Marais, A-L.** (2023). Apport des neurosciences en faveur du yoga en EPS. In Cogérino, G., Schirrer, M. & Paintendre, A. (dirs), *Enseigner le yoga en EPS*. De Boeck. (in preparation).

Marais, A-L., Dumont, V., Anquetil, A, Trentesaux, A-S. & Roche-Labarbe, N. (2024). *Somatosensory prediction in premature newborn.* (in preparation)

Marais, A-L., Dumont, V., Anquetil, A & Roche-Labarbe, N. (202). *Somatosensory prediction in typical children*. (in preparation)

SKILLS

EEG   Data recording, preprocessing from scratch (see codes on Github), ERP analysis

fNIRS   Data recording and preprocessing, Homer3

Programing   Python, Matlab, HTML

Language   French (native), English (fluent)

RELEVANT EXPERIENCES

2023 – Poster presentation, OHBM, Montreal, Canada

Funding for collaborative and ecological garden for the medicine faculty and attached laboratories (30,000$)

2022 – Teacher, Developmental psychology, Bachelor degree, Caen, France (64h)

Poster presentation, OHBM, Glasgow, UK

Poster presentation, Flux, Paris, France

Poster presentation, fNIRS 2022, Boston, USA

2021 – Poster presentation, Cutting EEG, Aix-en-Provence, France

Teacher, Developmental psychology, Bachelor degree, Caen, France (64h)

Data Blitz, Hands-on fNIRS, Tubingen, Germany

**2020-
2022** – Supervision of two psychologists