Main activities

- Be able to successfully predict performances and learning at any time
- Develop models (models of performance, of feedback processing, of performance variability across runs and trials, etc.) both for the healthy user
population, but also for the BCI end users population, in particular for stroke patients (based on data from such users).
- Design and run MI-BCI experiments to acquire additional data to refine the initial models

Skills
Skills required:
- Modelling, statistical analysis and tools, and/or machine learning
- Python / Matlab programming
- Able to speak, write and work in an English speaking environment
- Skills in neurosciences, psychology, cognitive science appreciated
- Experience with Electroencephalography (EEG) and/or BCI experiments appreciated

Related literature:


C. Jeunet, F. Lotte, JM. Batail, P. Philip, JA. Micoulaud-Franchi, "Using recent BCI literature to deepen our understanding of clinical neurofeedback: A short review", Neuroscience, 2018

Benefits package
- Subsidised catering service
- Partially-reimbursed public transport

Remuneration
1982€ / month (before taxes) during the first 2 years, 2085€ / month (before taxes) during the third year.