

JOB DESCRIPTION

Applications are invited for a **tenure-track researcher position** in the Cognition and Brain Dynamics research team of Virginie van Wassenhove. The lab is hosted at NeuroSpin (Dir. Prof Stanislas Dehaene) on the plateau de Saclay near Paris, France. Salary will be commensurate with experience. Application closing date is set to **April 22nd 2018** and pre-selected candidates will be interviewed in May. Earliest start date is planned for September 2018.

Profile: The successful candidate will have a competitive record of publications in cognitive neuroscience and a demonstrated expertise using MEG.

Duties: The successful candidate will contribute to ongoing research in the Cognition and Brain Dynamics team and develop his or her own cutting-edge research in cognitive neuroscience, which should be relevant and complementary to the ongoing work in the team (<https://brainthemind.com>; e.g.: neural oscillations, temporal (meta)cognition, mental time travel, multisensory integration,...). The successful candidate will also dedicate some of his/her time in providing MEG support to members of the team and collaborators. This supporting role will consist in advising neuroscientists and clinical users in the design of their protocols as well as consolidate and contribute various methods developed in the team in collaboration with the mne-python (<https://martinos.org/mne/stable/index.html>) community.

Additional responsibilities include:

- Participation in the design, evaluation and implementation of MEG studies;
- Design and conduction of cognitive neuroscience experiments;
- Management, analysis and publication of quantitative data and theoretical insights;
- Effective communication of research findings internationally;
- Active contribution to the scientific liveliness and strategy of the team;

Eligible qualifications for this position include:

- Ph.D. in Cognitive Science, Neuroscience, Experimental Psychology, or related discipline;
- Research track records in cognitive neuroscience as demonstrated by peer-reviewed publications as first and/or last author;
- Extensive hands-on MEG experience including experimental design and setup, data acquisition, pre-processing and analysis;
- Proven skills and expertise in data analysis using one or more common tools (MNE, Fieldtrip, SPM, Brainstorm, etc.);
- Excellent written and verbal communication skills in English;
- Strong interpersonal skills, assertive and proactive;
- Experience in seeking grants;
- Strong coding aptitudes, proficiency in Python, Matlab.

NeuroSpin is a neuroimaging center dedicated to the understanding of the human brain. Five laboratories currently share their expertise on site and provide a stimulating research environment soon to be enriched by NeuroPSI, a fundamental neuroscience research center. NeuroSpin hosts several state-of-the-art human neuroimaging equipments including a 3T, a 7T, and soon a 11.7 Tesla MRI research system for whole-body imaging. The MEG is a 306-channel system (Neuromag/Elekta) typically paired with EEG (native + EGI) and eye-tracking (Eyelink 1000 SR Research).

Please, submit a letter detailing your current research interests, a curriculum vitae, and the contact information of up to three individuals who can provide a letter of recommendation to Virginie.van.Wassenhove@gmail.com with “CANDIDATE” in the headline.