

Post-doc and PhD Positions available on music, language and the predictive brain

3 post-doc positions and 1PhD position are available within a French research network including Lyon, Marseille and Montpellier. The project exploits music to investigate brain functions and to boost language processing. The first aim is to further our understanding of the modification of the oscillatory brain activity induced by musical or linguistic temporal structures. The second aim is to test under which conditions and to what extent linguistic abilities can be boosted via enhanced temporal predictive coding following music stimulation. This will be investigated in children 1) with typical development, 2) with hearing impairment, and 3) with developmental language disorders, using behavioral tasks and EEG/MEG.

Positions are available in Marseille and Lyon, starting around September 2017.

Required: strong background in experimental psychology, cognitive neurosciences or neuropsychology; strong motivation for team work.

Preferable: knowledge of research design, statistical skills, programming (e.g., Matlab), interest in music/language processing, French fluency, prior experience with EEG/MEG.

All applications should include a CV, a cover letter specifying research interests and motivation, and contact details for two referees.

Post-doc applications should be sent to daniele.schon@univ-amu.fr, barbara.tillmann@cns.fr and Nathalie.Bedoin@univ-lyon2.fr

PhD applications should be sent only to daniele.schon@univ-amu.fr

Applications will be evaluated as they come in, and the positions will be open until filled.