

PhD position “Organization of nonvisual responses in the occipital cortex of early blind individuals”

Within the context of a larger collaboration with generous funding from the EOS (“Excellence of Science”) program, we have a position for a PhD student (4 years) or postdoc (3 years) to study the organization of nonvisual responses in the occipital cortex early blind individuals.

Project:

The overarching goal of the project is to study the organization of nonvisual responses in the occipital cortex of early blind individuals, including the presence of topographic mapping in V1 and domain specialization in VOTC (using MVPA, RSA and connectivity analyses acquired at 3T or 7T).

Environment:

The project will be mainly supervised by Olivier Collignon at UC Louvain with the opportunity to collaborate with the other PI’s of the consortium (Bruno Rossion, Valérie Goffaux, Hans Op de Beeck, Bart Boets and Johan Wagemans) and the possibility to spend short periods at the Spinoza Centre for Neuroimaging in Amsterdam (Serge Dumoulin). All the research centres involved have an excellent research reputation and can build upon solid expertise and top-notch research infrastructure.

Profile:

- Applicants should have or should soon obtain a Master's degree in Neuroscience, psychology, Linguistic, Audiology, biomedical or computer science; or related areas.
- A genuine interest in the cognitive neuroscience of blindness.
- Experience with psychophysics and/or neuroimaging research, as well as good computer skills (e.g. Matlab) and advanced statistical knowledge and skills are highly recommended.
- Further assets are a creative mind, good problem solving skills and a collaborative and collegial attitude.

Offer:

We offer encouraging daily guidance and a fulltime PhD position for an initial year, renewable for up to 4 years. The postdoctoral position would be fulltime and funded for an initial year, renewable for up to 3 years.

The salary will be competitive and in accordance with the University salary scales for PhD and Postdoc students. The starting date would be around October 1st 2018.

Interested?

For further information contact [Olivier Collignon](#).