



*The Netherlands Institute for Neuroscience is an institute of the Royal Netherlands Academy of Arts and Sciences (KNAW). It carries out fundamental and strategic research in the neurosciences with an emphasis on research of the brain and the visual system*

The Vision & Cognition lab has an outstanding opportunity for

**a Postdoctoral position** (full-time for 3 years)

or

**a PhD position** (full-time 4 years)

to investigate the neural mechanisms underlying learning in humans.

### *Project*

The department of Vision and Cognition (Roelfsema lab) in the Netherlands Institute for Neuroscience in Amsterdam is seeking an enthusiastic and self-driven PhD candidate OR Postdoctoral fellow to join a research project funded by a NWA 'Startimpuls' grant.

The project will investigate the neural mechanisms by which attention and reward gate learning in the human brain using the dual techniques of high-field MRI (7T) and single-unit recordings from epilepsy patients implanted with depth electrodes. The position involves a fulltime temporary appointment for 3 years (postdoc) or 4 years (PhD student). Starting date: Mid-2018.

### *Qualifications*

PhD candidates will be expected to have programming experience (e.g. MATLAB) and a Master's degree in a relevant field (e.g. Neuroscience, (Neuro) Psychology, Cognitive Neuroscience, Computational Neuroscience, Physics). Postdoctoral candidates will be expected to have experience with fMRI techniques and/or electrophysiological techniques in humans or animals and a solid background in cognitive neuroscience. Experience with computational modelling would also be considered a plus. All candidates must be able to speak Dutch to a reasonable level as the project involves closely working with Dutch patients.

### *Team*

The Roelfsema lab is part of the Netherlands Institute for Neurosciences and forms part of a dynamic and internationally successful institute. The imaging work will be conducted together with the Spinoza Center for Neuroimaging and single-unit recordings will be performed in collaboration with the VUmc medical center and UMC Utrecht.

### *Salary*

Postdoctoral position: This will be commensurate with experience and institutional guidelines based on the Collective Labour Agreement for Dutch Universities; CAO NU) in scale 10.

PhD position: The gross monthly salary coming with a full-time appointment will amount to a minimum of € 2.222,- in the first year to € 2.840,- in the fourth year (P scale of the Collective Labour Agreement for Dutch Universities).

A 8% holiday allowance and 8.3% year-end bonus are excluded. We offer an extensive package of fringe benefits.

We strive for a workforce that reflects the diversity in society in terms of, among other things, age, sex, sexual orientation and cultural background. We would appreciate receiving letters from candidates who might widen the diversity of our team.

To apply, please send an application letter, CV, and the names and addresses of two referees to:

*Tini Eikelboom*

*The Netherlands Institute for Neuroscience*

*Meibergdreef 47, 1105 BA Amsterdam, The Netherlands*

*Telephone: +31-20-5664587*

*E-mail: [t.eikelboom@nin.knaw.nl](mailto:t.eikelboom@nin.knaw.nl)*

Evaluation of candidates will begin immediately, and continue until the positions are filled.