



MAX-PLANCK-GESellschaft

## **Postdoctoral position in cognitive computational neuroscience**

### **Language and Computation in Neural Systems Group**

### **Max Planck Institute, Nijmegen, NL**

We are looking for a staff scientist at post-doctoral level to join the **Language and Computation in Neural Systems Group** run by Dr. Andrea E. Martin. We are a dynamic lab investigating the representation and processing of spoken language from theory-driven perspective that is informed by advanced techniques in computational and cognitive neuroscience. We are based at the *Max Planck Institute for Psycholinguistics* and the *Donders Centre for Cognitive Neuroimaging*. More information about us and the work we publish can be found on our website: [www.andreaemartin.com](http://www.andreaemartin.com) and [www.mpi.nl](http://www.mpi.nl)

#### **Job description:**

- You will be responsible for directing, planning, and executing project(s) investigating the processing of spoken language above the word level using MEEG, contemporary data analysis techniques, and computational models.
- You will perform a range of experiments, as well as devise and implement models, perform data analysis, and write papers in collaboration with the group leader.
- This position also involves supervision and mentoring of junior researchers (e.g., PhD students, masters students, and interns)
- You will have the opportunity to publish first author papers, contribute to related projects as a co-author and present your work at international conferences and institutions.
- This is an outstanding opportunity to develop your research skills and ask exciting scientific questions to drive forward your own research project(s) in this new area of research using cutting edge approaches.

#### **Requirements:**

- PhD in a relevant field (cognitive science, neuroscience, psychology, computer science, linguistics or similar)
- You must have good computational skills and proven experience in this area (e.g. during PhD or other training). Some knowledge of neural networks and neural oscillations would be useful, but not essential
- Enthusiasm for the work and the subject area (language, structured representations, neural oscillations, symbolic-connectionism)
- Self-motivated and able to work independently
- Experience supervising students at any level would be advantageous
- We encourage early career stage researchers and recent graduates to apply
- The Max Planck Society is an equal opportunity employer. Applications from under-represented groups, women, and people with disabilities are particularly welcomed.

#### **Conditions of employment / what we offer:**

- Exciting research environment addressing cutting edge questions with interdisciplinary colleagues and collaborators (both local and international)
- State of the art laboratory and computing facilities, excellent resources, infrastructure and offices
- Excellent mentoring, training and career development support and opportunities. Including local support and funding to attend external conferences and training courses when needed.
- The salary is according to the German TVöD (Tarifvertrag für den öffentlichen Dienst) and is classified in salary group E13 (depending on the experience of the applicant between EUR 3,996.72 and EUR 5,842.91 gross per month, based on a full time employment).
- Full time position (1.0 FTE), 39 hours per week (lower FTE will be considered if desired by candidate)
- Flexible start date and term of appointment is minimally 1 and maximally 4 years
- Great location – Nijmegen offers high quality of life. Relocation packages may be possible for suitable candidates

#### **Employer:**

The MPI for Psycholinguistics in Nijmegen is the only research institute in the world entirely devoted to the study of language. Our goal is to understand how our minds and brains process language, how language interacts with other aspects of mind, and how we can learn languages of quite different types. We are situated on the campus of the Radboud University, and have close collaborative links with the Donders Centre for Cognitive Neuroimaging, the Donders Institute for Brain, Cognition and Behaviour and the Centre for Language Studies at Radboud University. We are part of the Max Planck Society, an independent non-governmental association

of German-funded research institutes dedicated to fundamental research in the natural sciences, life sciences, social sciences, and the humanities. The Max Planck Society is an equal opportunities employer.

**Application procedure:**

Applications must be in English and include:

- a brief cover letter (max 1 page)
- an up to date CV
- the names and email addresses of two referees

Send applications to:

- Ms. Ina Grevel (Secretary to Dr. A E Martin): [ina.grevel@mpi.nl](mailto:ina.grevel@mpi.nl)

Please use the subject line: *Post-doctoral application - 2019*

Should you require more information about the position, please contact us at the above email address.

Deadline for applications is 30<sup>th</sup> October 2019, or until the position is filled.