



Peter Christiaan (Chris) Klink, PhD

Neuromodulation & Behaviour / Vision & Cognition
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CONTACT

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	+31 644072029	Nationality	Dutch
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		Gender	Male
		Languages	Dutch, English, German (basic)

PROFILE

I am a creative and persistent problem-solver, with a special interest in the dynamic interaction of complex systems. As a neuroscientist, I study the neural mechanisms of perception and cognition in an attempt to understand how the brain processes information to facilitate flexible, goal-directed behavior. If we can get a grip on these processes, we might interact with them through (neuro)technologies and improve life, not just for people with neurological or mental disorders, but for everyone. I have experience setting up and managing completely new research infrastructures, controlling a budget, and (co-)supervising a small team of other researchers. I actively communicate our work through social media, national and international talks for scientific and general audiences, and in written scientific articles. I analyze complex behavioral, physiological and neuroimaging data using custom-written Bash, Python, and Matlab code on a daily basis.

PROFESSIONAL / EDUCATION

2012 - present	<i>Senior postdoctoral fellow</i> Netherlands Institute for Neuroscience (KNAW) & Dept. Psychiatry, Amsterdam UMC, University of Amsterdam, Amsterdam, the Netherlands Project: Brain stimulation, neurophysiology, and neuroimaging in non-human primates. I recent years I have established a translational neuroimaging research line that comprises the infrastructure for neuroimaging (fMRI) with non-human primates. I coordinate a small team of researchers that combine behavioral, neurophysiological and neuroimaging techniques to unravel the neural nature of cognitive behavior and its manipulation using (deep) brain stimulation.
2012 - 2016	<i>Visiting scholar</i> Dept. of Neurophysiology, Faculty of Medicine, KU Leuven, Leuven, Belgium I have an ongoing international collaboration with this laboratory to develop and refine new technologies related to translational neuroimaging.
2011 - 2012	<i>Postdoctoral fellow</i> Dept. of Psychopharmacology, Utrecht University, Utrecht, the Netherlands Project: Adaptive coding in neuronal networks of the visual cortex Here, I established the first two-photon imaging research line dedicated to neuroscience and cortical plasticity. The set-up has since moved to the Donders Institute in Nijmegen where it is still used today.
2006 - 2011	<i>PhD (Cum Laude) Functional Neurobiology</i> Utrecht University, Utrecht, the Netherlands Project: Neural Mechanisms of voluntary control, shaping conscious visual perception Behavioral, computational and neurophysiological research in humans and non-human primates aimed at unraveling the neural mechanisms underlying visual awareness and the power of will. Graduate School of Life Sciences PhD Training Program Certificate. For taking classes in Biophysics, Sensory Systems, Motor Systems, Academic Writing, and attending/presenting at conferences.
2003 - 2006	<i>MSc (Cum Laude) Clinical & Experimental Neuroscience / Cognitive Neuroscience</i> Utrecht University, Utrecht, the Netherlands
1999 - 2002	<i>BSc Biology</i> Utrecht University, Utrecht, the Netherlands

SKILLS

- Creative thinking
- Project management
- Policy making
- Scientific writing
- Neurophysiology
- Neuroimaging
- Brain stimulation
- Computational modeling
- Translational science
- Mental health
- Data management
- Data analysis & statistics
- Bash / shell
- Python & Jupyter
- Matlab
- R

EXPERIENCE

Supervision	(Co-)supervision of a PhD-student and a Postdoc at Netherlands Institute for Neuroscience. Daily supervisor of multiple bachelor and master students.
Teaching	Systems Neuroscience / The Adaptive Brain / Imaging the Brain / Cognition, Univ. of Amsterdam. Current Issues in Brain and Cognitive Sciences / Behavioral Neuroscience, Univ. of Amsterdam Cognitive Neuroscience, ONWAR Graduate School of Neuroscience, Amsterdam/Rotterdam. Workshop "Dealing with large datasets (in Neuroscience)" for the Interdisciplinary Honours Program of the Science Faculty, Utrecht University. Neurophysiology & Neurotechnology, Technical University of Twente. Neurobiology / Mathematics for Biologists / Theoretical Biology, Utrecht University.
Society	Coordinator & teacher for the 'Brain' theme of Medicine & Health Care theme of the IMC Weekend School Amsterdam Zuidoost. (IMC Weekend Schools is an initiative that offers an educational program for children from disadvantaged neighbourhoods) Expert supervisor for multiple high school thesis-projects ('profielwerkstuk'). Member of the organizing team for the Art of Neuroscience competition and event.
Policy	Member of the grant review committee of the section Social Sciences & Behaviour of the Netherlands Organisation for Scientific Research (NWO). Member of the workgroup 'Post-lab life non-human primates' for the National Committee for Advice on Animal Experiments Policies (Ncad). Primate Welfare Meeting 2013 <i>Primate Neuroimaging: Tools for Animal Welfare and Science</i> , National Center for the Replacement, Refinement, and Reduction of Animals in Research in London (UK). Member of the DEC-DGKFSB, the Animal Experiments (Ethical) Review Committee of the faculties of Veterinary Sciences, Biology, Pharmaceutical Sciences and Chemistry. Member of the Faculty's Council of the faculty of biology at Utrecht University. The Faculty Council represents students and employees and advises the faculty's executive board. Editor of "bio-SCOPE", the monthly magazine of the faculty of Biology at Utrecht University. President of the Utrecht Biologists Society.

SCIENTIFIC WRITING & CONFERENCES

Articles	I have published over 20 articles in international peer-reviewed journals including leading titles such as: <i>Neuron</i> , <i>Current Biology</i> , <i>PNAS</i> , <i>Trends in Cognitive Sciences</i> , and <i>The Journal of Neuroscience</i> . <i>For a complete list, see my Google Scholar profile: http://bit.do/pcklink-scholar</i>
Reviewer	More than 15 journals, including: <i>Brain Stimulation</i> ; <i>Cerebral Cortex</i> ; <i>Current Biology</i> ; <i>Experimental Psychology</i> ; <i>Human Brain Mapping</i> ; <i>Journal of Neuroscience</i> ; <i>Nature Communications</i> ; <i>Neurocomputing</i> ; <i>Neuroimage</i> ; <i>Neuron</i> ; & <i>PLoS Computational Biology</i> .
Conferences	I have organized and chaired mini-symposia, and presented my work at numerous national and international conferences like the Dutch Neuroscience Meeting, the Society for Neuroscience Meeting, and the Federation of European Neuroscience Societies.

REFERENCES

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