Peter Christiaan (Chris) Klink, PhD

Neuromodulation & Behaviour / Vision & Cognition
Netherlands Institute for Neuroscience, Royal Netherlands Academy of Arts and Sciences

Department of Psychiatry
Amsterdam UMC, University of Amsterdam

CONTACT

Address	Netherlands Institute for Neuroscience Meibergdreef 47, Room R1-150 1105 BA Amsterdam, the Netherlands	Website	http://www.pcklink.com https://github.com/pcklink
		Nationality	Dutch
	+31 644072029	Date of birth	October 8, 1980
	c.klink@nin.knaw.nl p.c.klink@gmail.com	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 a 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

Senior postdoctoral fellow
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

Visiting scholar
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

Postdoctoral fellow
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

PhD (Cum Laude) Functional Neurobiology
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

MSc (Cum Laude) Clinical & Experimental Neuroscience / Cognitive Neuroscience
Utrecht University, Utrecht, the Netherlands

1999 – 2002

BSc Biology
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 fro 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 *Primate Neuroimaging: Tools for Animal Welfare and Science*, 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 25 articles in international peer-reviewed journals including leading titles such as: Neuron, Current Biology, PNAS, Trends in Cognitive Sciences, and The Journal of Neuroscience. *For a complete list, see my Google Scholar profile:* http://bit.do/pcklink-scholar
Reviewer	More than 15 journals, including: Brain Stimulation; Cerebral Cortex; Current Biology; Experimental Psychology; Human Brain Mapping; Journal of Neuroscience; Nature Communications; Neurocomputing; Neuroimage; Neuron; PNAS; Science & PLoS Computational Biology.
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

Prof.dr. Richard van Wezel
Dept. of Biophysics, Donders Institute, Radboud University
Geert Grooteplein 21, 6525 EZ Nijmegen, the Netherlands
Email: R.vanWezel@donders.ru.nl

Prof.dr. Pieter Roelfsema
Netherlands Institute for Neuroscience, KNAW
Meiberdreef 47, 1105 BA, Amsterdam, The Netherlands
Email: P.Roelfsema@nin.knaw.nl