

Curriculum Vitae

Personal information

Name Jochem van Kempen
Address 284 Punt road
South Yarra
VIC 3141 Melbourne
Email Jochemvankempen@gmail.com
Date of Birth 08-09-1989
Birthplace Tilburg, The Netherlands

Educational Background

Sep 2011 – At present

University of Amsterdam, Amsterdam Brain and Cognition (previously Cognitive Science Center Amsterdam)

Master Brain and Cognitive Sciences
Track Cognitive Neuroscience

Sep 2007 – Aug 2010

University of Amsterdam, Faculty of Science

Bachelor Psychobiology
With Honours

Employment history

Mar 2014 – at present

Monash University, School of Philosophical, Historical and International studies & Deakin University, School of Psychology

Job Research assistant
- Approaching subjects
- Collecting data
- Coding experiments
- Support in administrative work
Part-time 8-16 hours a week
Reference Jakob Hohwy
Jakob.hohwy@monash.edu

Nov 2013 – at present

Monash University, School of Psychology and Psychiatry

Job Research assistant
- Extension of research internship (see below)
Full-time >32 hours a week
Reference Naotsugu Tsuchiya
Naotsugu.tsuchiya@monash.edu

Sep 2012 – Feb 2013

University of Amsterdam, Faculty of social and behavioural sciences, Programme group
Brain and Cognition

Job Research assistant
 - Approaching subjects
 - Collecting simultaneous tDCS-EEG-data
 - Support in administrative work
Part-time 6 hours a week
Reference Michael Cohen
 M.S.Cohen@uva.nl

Jan 2013 – Feb 2013

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course Signal Analysis
 Bachelor Psychobiology
 - Instructing students
 - Grading assignments
Part-time 12 hours a week
Reference Conrado Bosman
 C.A.BosmanVittini@uva.nl

Jan 2012 –Feb 2013

Job Waiting staff
 Radijs Amsterdam
Activities Waiter, bartender
Part-time 16 hours a week
Reference Stijn Gelijsteen
 stijn@radijs-amsterdam.nl

Dec 2012 – Jan 2013

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course Systems Neuroscience
 - Grading exams
Part-time Total of 40 hours
Reference Heleen Slagter
 haslagter@gmail.com

Oct 2012 – Dec 2012

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course Matlab programming for Data Analysis
 - Instructing students
 - Grading assignments

Part-time 6 hours a week
Reference Francesco Battaglia
F.P.Battaglia@uva.nl

Sep 2012 – Nov 2012

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course Neurophysiology
- Instructing students
- Grading assignments
Part-time 8 hours a week
Reference Conrado Bosman
C.A.BosmanVittini@uva.nl

Oct 2010 – Dec 2010

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course 1002 Bachelor Psychobiology
- Teaching study groups
- Grading assignments
Full-time >32 hours a week
Reference Hans Breeuwer
J.A.J.Breeuwer@uva.nl

Sep 2010 – Oct 2010

University of Amsterdam, Faculty of Science

Job Teaching assistant
Course 1001 Bachelor Psychobiolog
- Teaching study groups
- Grading assignments
Full-time 36 hours a week
Reference Tanneke den Blaauwen
T.denBlaauwen@uva.nl

Work experience (research)

Mar 2013 – Nov 2013

Monash University, School of Psychology and Psychiatry

Research internship

In this project I analyzed intracranial EEG-data recorded from lateral and ventral temporal lobes of human epilepsy patients, during their epilepsy-monitoring period. Applying machine-learning decoding techniques, we analyzed data acquired during (1) a fixation and (2) a Continuous flash suppression (CFS) paradigm in which visual awareness was manipulated.

References Naotsugu Tsuchiya

Funded by Naotsugu.tsuchiya@monash.edu
SSVO - Stichting
Fundatie Vrijvrouwe van Renswoude
Hendrik Muller Fonds
Stichting Bekker-la Bastide-fonds
UvA Alimni

Jan 2012 – Oct 2012

University of Amsterdam, Faculty of social and behavioural sciences, Programme group
Brain and Cognition

Research internship

In this project I looked at neural processes that take place during learning based on different kinds of information. I was involved in the development of the task and responsible for the collection and analysis of the EEG-data.

References Irene van de Vijver, I.vandeVijver@uva.nl
Michael Cohen, M.S.Cohen@uva.nl

Conference Proceedings

1. *Spectral phase and power predict stimulus category, but only power predicts visual awareness in intracranial EEG in humans*

Jochem van Kempen^{1,2}, Hiroto Kawasaki³, Christopher K. Kovach³, Hiroyuki Oya³,
Matthew A. Howard³, Ralph Adolphs⁴, Naotsugu Tsuchiya²

¹University of Amsterdam, The Netherlands, ²Monash University, Australia, ³University of Iowa, IA, USA, ⁴California Institute of Technology, CA, USA.

To be presented at the Association for the Scientific Study of Consciousness (ASSC),
2014, Brisbane Australia.

2. *Fast readout of stimulus category from intracranial EEG in humans*

Jochem van Kempen^{1,2}, Hiroto Kawasaki³, Christopher K. Kovach³, Hiroyuki Oya³,
Matthew A. Howard³, Ralph Adolphs⁴, Naotsugu Tsuchiya²

¹University of Amsterdam, The Netherlands, ²Monash University, Australia, ³University of Iowa, IA, USA, ⁴California Institute of Technology, CA, USA.

Presented (talk and poster) at Australian Neuroscience Society (ANS) 2014, Adelaide,
Australia.

3. *Oscillatory network dynamics underlying feedback-based learning using spatial and non-spatial information*

Irene van de Vijver¹, Jochem van Kempen¹, Mike X Cohen¹

¹University of Amsterdam

To be presented at European Society for Cognitive and Affective Neuroscience (Escan),
2014, Dortmund, Germany.

Research skills

General computer literacy

- Proficient in use of Windows, Linux and Mac OS

Programming languages

- Matlab (advanced)
 - Parallel computing toolbox
 - EEGLab
 - Chronux
 - Psychtoolbox
- Presentation (intermediate)

Extra

- High performance computing using MASSIVE (www.massive.org.au) and Sara (Lisa, www.surfsara.nl/systems/lisa)

Other activities

Jan 2011 – July 2011

Traveling through Asia

Jan 2009 – Oct 2009

Introduction Committee

Organization of the introduction week for new first year students of the university of Amsterdam