

Curriculum Vitae

dr. Loek Brinkman



Personal information

Name: Loek Brinkman
Date of birth: 16/02/1985
Place of birth: Assen, The Netherlands
Email: L.Brinkman@uu.nl



Current position

Jan 2016 - Present Post-doctoral researcher at Utrecht University, department of Social, Health and Organizational Psychology



Education

Aug 2011 – June 2017 PhD thesis: "A rhythmic view on the neurophysiological mechanisms of movement selection" - defended on 10/6/2016
(co)promotors: I. Toni, C.H. Dijkerman, F.P. de Lange & A. Stolk

2007 - 2010 MSc. Neuroscience & Cognition, University of Utrecht

2003 - 2007 BSc. Life Science & Technology, University of Leiden & TU Delft



Publications

Brinkman, L., Stolk, A., Marshall, T. R., Esterer, S., Sharp, P., Dijkerman, H. C., de Lange, F.P. & Toni, I. (2016). Independent Causal Contributions of Alpha- and Beta-Band Oscillations during Movement Selection. *Journal of Neuroscience*, 36(33), 8726–8733

Brinkman, L., Stolk, A., Dijkerman, H. C., de Lange, F. P., & Toni, I. (2014). Distinct roles for alpha- and beta-band oscillations during mental simulation of goal-directed actions. *Journal of Neuroscience*, 34(44), 14783–14792.

Brinkman, L., Todorov A. & Dotsch, R. (2017). "Visualising mental representations: A primer on noise-based reverse correlation in social psychology" *European Review of Social Psychology* (in press)



Conference presentations & invited talks

Aug 2017 Poster presentation, ICON, Amsterdam, the Netherlands (second author)
"Spatial and functional dissociation of alpha-, beta-, and high-gamma-band electrocorticographic activity from human sensorimotor cortex"

March 2017 Oral presentation, ICOSR, San Diego, U.S.A (second author)
"Visualizing Mental Representation of emotional faces in schizophrenia"

Jan 2017 Invited talk, CogMeet, Neuroscience and Cognition Utrecht
"Visualizing mental representations in health and disease"

Nov 2014 Poster presentation, Society for Neuroscience, Washington D.C., U.S.A.
"Distinct roles for alpha- and beta-band oscillations during construction of goal-directed action plans"

Oct 2012 Oral presentation, Society for Neuroscience, New Orleans, U.S.A.
"Making choices between imagined grasping movements: an meg study"



Teaching

March 2017 - Present Utrecht University: Workshop in Social Neuroscience Minor (bachelor Psychology),
"Predictive coding & Reverse Correlation"

2012 - Present Radboud University: Guest lectures in Consciousness & Unconscious processes (2nd year Psychology course) *"The neural consciousness of consciousness"* & *"Predictive Coding – new vistas for the NCC"*

2010 – 2015 Various lectures at Radboud University Nijmegen, Utrecht University and University of Amsterdam



Valorization

March 2016 Wetenschapscafé Culemborg (lecture for general public)
"Brein & Perceptie – de wereld in ons hoofd"



Awards & Certificates

Dec 2015 Best poster award – internal poster competition Donders Institute for Brain, Cognition and Behaviour

Oct 2014 Basic Teaching Qualification (BKO) obtained from Radboud University Nijmegen, Faculty of Social Science



Miscellaneous

Present Proficient programmer (R & matlab)

Nov 2014 – Nov 2016 Mediator of neighbourhood conflicts (volunteer work), Utrecht

March 2013 Brain Awareness Week - Developer and coordinator of high school workshops

July 2010 Alumnus of Roche Continents 2010 "Explore the common ground of creativity and innovation in Arts and Science!"

April 2007 Honors Program Leiden: "VivoArts", University of Leiden