


Curriculum Vitae

Degree	Dr./PhD./Assistant Professor	
Surname	Naber	
Givenname	Marnix	
Birth date	1984	
Birth place	The Netherlands	
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Education

2008-2012	Neurophysics, Faculty of Physics, Philipps-University Marburg, Germany Graduate (Dr, PhD), <i>summa cum laude (with exceptional honors)</i>
2006-2007	Applied Cognitive Psychology, Utrecht University, The Netherlands Graduate (Masters, M.Sc.), <i>Cum laude (with honors)</i>
2003-2006	Applied Cognitive Psychology, Utrecht University, The Netherlands Undergraduate (Bachelors, B.Sc.)
1997-2003	City Dalton College, Zutphen, The Netherlands Nature & Technology (High School)

Work Experience

2015-Now	Experimental Psychology, Utrecht University, The Netherlands Assistant Professor
2013-2015	Leiden Institute of Brain Sciences (LIBC), The Netherlands Member
2013-2015	Cognitive Psychology Unit, Leiden University, The Netherlands Assistant Professor
2012-2013	Vision Sciences Laboratory, Harvard University, USA Post-doc, <i>funded by NWO Rubicon & Marie Curie</i>
2008-2012	inQUIRE / SMS-Coach, The Netherlands Website Application Developer
2007-2008	Efocus-group / Medicore, The Netherlands Functional Designer
2007	Vision Sciences Laboratory, Harvard University, USA Internship, <i>funded by the NWO-pioneer program</i>
2007	Experimental Psychology, Utrecht University, The Netherlands Teaching Assistant

Other Accomplishments

2015	Official teaching license for higher education - Beroeps Kwalificatie Onderwijs (BKO)
2013	Press releases in e.g. newspapers and radio concerning <i>maladaptive imitation</i>
2013	Press releases in e.g. newspapers, radio, and television concerning <i>pupillary responses to sunny images</i>
2012	Association for the scientific study of consciousness (ASSC), Annual Conference Poster Competition Winner, <i>neuroscience category</i>
2011	NWO Rubicon Grant Bodily Markers Reveal Cognitive States
2011	Australian Neuroscience Society (ANS), Annual Conference Travel Award
2010	Summer School Rauschholzhausen, Visual Neuroscience Title: From spikes to awareness
2008	European Conference on Visual Perception (ECPV) Voluntary Staff
2007	University College Utrecht Voluntary Teaching Assistant
2003-2006	Alcmaeon, Society of Faculty of Social Sciences Chairman and PR, <i>in several organizational commissions</i>
2004-2005	Utrecht University, Faculty of Social Sciences Advisor and Mentor, <i>for 1st year students</i>

Skills

Software	MatLab/PHP/HTML/CSS/Javascript/MySQL/Python, Statistics, Microsoft software (office), Adobe software (design)
High School	Physics, Mathematics, Chemistry, Biology, Sociology, General Nature Sciences, Dutch, English, German, French, Latin, Greek
Languages	Dutch (Native), English (fluent), German (good)
Interests	Soccer, squash (racket-ball), skiing, hiking, producing digital music

Teaching

2015-now	Utrecht University – Course: MatLab & fMRI analyses
	Utrecht University – Course: Cognitive Neurosciences (coordinator, lectures, workgroups)
	Utrecht University – Course: Introduction to cognitive sciences (coordinator, lectures, workgroups)
	Utrecht University – Course: Psychology & Science (coordinator, lectures, workgroups)
	Utrecht University – Course: EEG Fundamentals (practical)
2013-2015	Utrecht University – Projects: Master & bachelor thesis, internships, and misc. projects
	Leiden University – Course: Emotion & Cognition (coordinator, lectures)
Before 2013	Leiden University – Course: Cognitive Psychology (lectures)
	Leiden University College – Course: Emotion & Rationality (coordinator & seminars)
Before 2013	Utrecht University – MatLab course instructor
	Marburg University – Projects: Master thesis, internships, and Bachelor projects

Journal Publications

In preparation	Naber, M., Murphy, P. (In prep.). The pupil unfolds a two-stage action scheme in a speed accuracy trade-off task
Published	Naber, M., et al. (In prep.). Bringing pupillograph perimetry to the test.
	Brascamp, J.W., Naber, M. (2016). Eye tracking under dichoptic viewing conditions: a practical solution. <i>Behavior Research Methods</i> , 1-7
Published	Naber, M., Lippelt, D.P., van Herk, K., Colzato, L.S. (2016). No acute effects of choline bitartrate food supplements on memory in healthy, young, human adults. <i>PLoS ONE</i> , 11(6), e0157714
	Naber, M., Vedder, A., Brown, S., Nieuwenhuis, S. (2016). Speed and lateral inhibition of stimulus processing contribute to individual differences in Stroop-task performance. <i>Frontiers in Psychology</i> , 7, 822
Published	Naber, M., Brascamp, J. (2015). Commentary: Is the frontal lobe involved in conscious perception? <i>Frontiers in Psychology</i> , 6, e01736
	Naber, M., Hommel, B., Colzato, L.S. (2015). Improved action coordination and pupil constriction after choline supplementation in healthy humans. <i>Scientific Reports</i> , 5, e13188
Published	Naber, M., Bergman, A., Eijgermans, W., Herman, A., Hommel, B. (2015). Similarity of actions depends on the functionality of previously observed actions. <i>Journal of Experimental Psychology: HPP</i>
	Frässle, S., Sommer, J., Hansen, A., Naber, M., Einhäuser, W. (2014). Binocular Rivalry: Frontal activity relates to introspection and action, but not to perception. <i>Journal of Neuroscience</i> , 34(5), 1738-1747
Published	Damm, O., Malchus, K., Jaecks, P., Krach, S., Paulus, F., Naber, M., et al. (2013). Different gaze behavior in human-robot interaction in Asperger's syndrome: An eye-tracking study. <i>International Symposium on Robot and Human Interactive Communication</i>
	Naber, M., Alvarez, G.A., Nakayama, K. (2013). Tracking the allocation of attention using human pupillary oscillations. <i>Frontiers in Psychology</i> , 4(919), 1664-1078
Published	Naber, M., Vaziri Pashkam, M., Nakayama, K. (2013). Unintended imitation affects success in a competitive game. <i>PNAS</i> , 110(50), 20046-20050
	Naber, M., Stoll, J., Einhäuser, W., Carter, O. (2013). How to become a mentalist: Reading decisions from a competitor's pupil can be achieved without training, but requires instruction. <i>PLoS ONE</i> , 8(8), e73302
Published	Naber, M., Nakayama, K. (2013). Pupil responses to high-level image content. <i>Journal of Vision</i> , 13(6), pii 7
	Naber, M., Frässle, S., Rutishauser, U., Einhäuser, W. (2013). Pupil size signals novelty and predicts later retrieval success for declarative memories of natural scenes. <i>Journal of Vision</i> , 13(2), pii 11
Published	Naber, M., Hilger, M., Einhäuser, W. (2012). Animal detection and identification in natural scenes: Image statistics and emotional valence. <i>Journal of Vision</i> , 12(1), pii 25
	Naber, M., Frässle, S., Einhäuser, W. (2011). Perceptual Rivalry: Reflexes reveal the gradual nature of visual awareness. <i>PLoS ONE</i> , 6(6), e20910
Published	Naber, M., Carlson, T.A., Verstraten, F.A.J., Einhäuser, W. (2011). Perceptual benefits of objecthood. <i>Journal of Vision</i> , 11(4), pii 8
	Naber, M., Gruenage, G., Einhäuser, W. (2010). Tri-stable stimuli reveal interactions among subsequent percepts: Rivalry is biased by perceptual history. <i>Vision Research</i> , 50(8), 818-828
Published	Naber, M., Carter, O., Verstraten, F.A.J. (2009). Suppression wave dynamics reveal visual field anisotropies and sensitivity to inducer strength. <i>Vision Research</i> , 49(14), 1805-1813
	Paffen, C.L., Naber, M., Verstraten, F.A.J. (2008). The spatial origin of a perceptual transition in binocular rivalry. <i>PLoS ONE</i> , 3(6), e2311

Conference Publications

	Naber, M., Murphy, P., Hommel, B., Colzato, L. (2016). Disentangling aspects of vision-guided motor coordination with pupillometry and choline supplementation. <i>Journal of Vision</i> , 16(12), 679
	Naber, M., Vedder, A., Brown, S., Nieuwenhuis, S. (2015). Stimulus strength and visual competition contribute to individual differences in Stroop-task performance. <i>Journal of Vision</i> , 15(12), 1336
	Naber, M., Alvarez, G.A., Nakayama, K. (2014). Pupil Frequency Tagging: a novel method to measure attention. <i>NVP conference</i>
	Naber, M., Alvarez, G.A., Nakayama, K. (2013). Pupil Frequency Tagging: an on-line measure of visual attention. <i>Journal of Vision</i> , VSS, 13(9), p. 291
	Naber, M., Vaziri Pashkam, M., Nakayama, K. (2013). Unconscious mimicry limits success in a competitive visual reaching-task. <i>Journal of Vision</i> , VSS, 13(9), p. 774
	Frässle, S., et al. (2013). Neural Correlates of Binocular Rivalry as measured in fMRI are partially confounded by observers' active report. <i>Journal of Vision</i> , VSS, 13(9), p. 937
	Naber, M., Rutishauser, U., Einhäuser, W. (2011). Increased pupil size distinguishes familiar from novel images. <i>Perception</i> , ECVP, 40, p. 13
	Naber, M., Fraessle, S., Einhäuser, W. (2011). Pupil size as an objective measure of visual awareness. <i>Australian Neuroscience Society (ANS), Vision Satellite</i>
	Naber, M., Einhäuser, W. (2010). Reflexes as objective measure for rivalry dynamics. <i>Perception</i> , ECVP, 39, p. 154
	Naber, M., (2009). Perceptual rivalry. <i>Invited speaker at City College of NY</i>
	Naber, M., Fraessle, S., Einhäuser, W. (2012). Reflexes objectify changes in awareness during perceptual rivalry. <i>ASSC</i>
	Naber, M., Stoll, J., Einhäuser, W., Carter, O. (2012). How to read your opponent's mind during a game of rock-paper-scissors. <i>Journal of Vision</i> , VSS, 12(9), p. 38
	Naber, M., Rutishauser, U., Einhäuser, W. (2011). Increased pupil size distinguishes familiar from novel images. <i>German Neuroscience Society</i>
	Fraessle, S., Naber, M., Einhäuser, W. (2011). The gradual nature of rivalry. <i>Perception</i> , ECVP, 40, p. 142
	Fraessle, S., Naber, M., Einhäuser, W. (2011). The gradual nature of rivalry. <i>German Neuroscience Society</i>
	Hilger, M., Naber, M., Einhäuser, W. (2011). Rapid processing of animals in natural scenes: Image features and anxiety. <i>German Neuroscience Society</i>
	Naber, M., Fraessle, S., Einhäuser, W. (2011). Perceptual rivalry is gradual. <i>ANS</i>
	Naber, M., Rutishauser, Einhäuser, W. (2010). Pupil size predicts image recognition. <i>Visual Neuroscience Summer School Raischholzhausen</i>
	Naber, M., Gruenhage, G., Einhäuser, W. (2009). Perceptual rivalry in tri-stable stimuli. <i>Perception</i> , ECVP, 38, p. 65
	Naber, M., Einhäuser, W. (2009). Rivalry in tri-stable stimuli: Dominance durations predict the upcoming perceptual state. <i>Journal of Vision</i> , VSS, 9(8), p. 301
	Frey, H-P., Naber, M., Einhäuser, W., Foxe, J. (2009). The role of Gamma oscillations in binding ambiguous visual input into coherent percepts. <i>Journal of Vision</i> , VSS, 9(8), p. 923
	Naber, M., Carter, O., Verstraten, F.A.J. (2007). Propagation of Suppression Waves. <i>Perception</i> , ECVP, 36, p. 1
	Paffen, C., Naber, M., Verstraten, F.A.J. (2007). Predicting the spatial origin of a dominance wave in binocular rivalry. <i>Journal of Vision</i> , ECVP, 7(9), p. 56

Referees

Prof. Ken Nakayama	Post-doc Supervisor, Harvard University, Faculty of Arts, Vision Sciences Lab ken@wih.harvard.edu , +1 617 495 3843
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