

Curriculum Vitae

Ineke van der Ham

Education

PhD Experimental Psychology, Utrecht University (2006 - 2010), *judicium: cum laude*

Dissertation: Thinking left and right: Neurocognitive studies on spatial relation processing

Promotors: Prof. Dr. Albert Postma and Prof. Dr. Richard van Wezel

Research master Neuroscience and Cognition, Utrecht University (2004 - 2006)

Bachelor Clinical Psychology, Erasmus University Rotterdam (2001 - 2004)

Positions

Associate Professor Neuropsychology, Leiden University (2019 – present, tenured)

Assistant Professor Neuropsychology, Leiden University (2015 – 2019, tenured)

Assistant Professor Experimental Psychology, Utrecht University (2010 – 2015, tenured)

Visiting Research Fellow, Department of Psychology, Harvard University (2009, 6 months)

Awards

Poster award 13th conference of the world federation for neurorehabilitation, 2016

Dissertation award Dutch Society for Neuropsychology, 2009-2010

Grants	Title	Year	Role	Amount
<i>Virtutis Opus</i>	Navigatie game onderzoek	2019	Main applicant	18.354
<i>Onderwijsinnovatie subsidie</i>	Stressless met behulp van Virtual Reality	2019	Co-applicant	50.652
<i>LUF</i>		2019	Co-applicant	
<i>Virtutis Opus</i>	Navigatie game onderzoek	2017	Main applicant	59.500
<i>STW Take-off</i>	Wayfinder: Serious game voor navigatievermogen	2015	Main applicant	40.000
<i>ELS</i>	Selective attention and motor skills: A central mechanism in cognitive development?	2013	Co-applicant	15.000
<i>NWO Veni</i>	Keeping track of where you are: Order memory in spatial navigation	2012	Main applicant	250.000
<i>Revalidatiefonds</i>	Ontwikkeling van training van navigatievaardigheden in CVA patiënten	2012	Main applicant	20.998
<i>ELS</i>	The early roots of developing visuospatial cognition: An embodied dynamics systems study in young children	2012	Co-applicant	55.000
<i>NCU collaboration</i>	The drum languages of Senegal – a neurolinguistic perspective	2011	Co-applicant	68.000
<i>NWO Meerwaarde</i>	Training navigation skills in virtual environments	2011	Main applicant	40.000

PhD supervision

Ongoing: Milan van der Kuil, Training navigation ability with serious gaming (completion 2020)

Miranda Smit, Effects of somatosensory and motor impairment on peripersonal space (completion 2020)

Completed: Anne Cuperus, Virtual experience, real impact (defense 10 December, 2019)

Michiel Claessen, Navigation impairment after stroke (defense 8 May, 2017)

Member of dissertation committee

Antonella Lopez (Bari, Italy, 2018)
Erik Oudman (Utrecht, 2016)
Anne van Hoogmoed (Nijmegen, 2014)
Joost Wegman (Nijmegen, 2013)

Reviewer for

Acta Psychologica, Aging and Mental Health, Applied Sciences, Archives of Clinical Neuropsychology, Behavioral Brain Research, BMC Psychology, Brain and Cognition, Brain Research, Cognition, Computers in Human Behavior, Current Alzheimer Research, Frontiers in Psychology, Hippocampus, International Journal of Psychology, International Journal of Psychophysiology, Journal of Clinical Medicine, Journal of Cognitive Neuroscience, Journal of Cognitive Psychology, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Memory, and Cognition, Journal of the International Neuropsychological Society, Journal of Neuropsychology, Journal of Spatial Science, Laterality: Asymmetries of Body, Brain and Cognition, Learning and individual differences, Multisensory Research, Neuroimage, Neuropsychologia, Neuropsychology, Ophthalmic and Physiological Optics, PLoS ONE, Psychological Medicine, Psychological Research, Quarterly Journal of Experimental Psychology, Sports

Invited lectures

Human spatial navigation in virtual environments, University of Zürich (2020)
Gender and spatial navigation. Nederlandse vereniging voor Neuropsychologie (2020)
Cognition and imagery: What applications? European Workshop on Imagery and Cognition, Padua, Italy (2018)
Finding our way in a virtual world: The use of virtual reality techniques to study spatial navigation. Opening VR lab, Max Planck Institute for Linguistics, Nijmegen (2017)
Spatial cognition, aging and neurodegenerative diseases, Magdeburg, Germany (2016)
Comparing memory for order, sequence, and continuation of routes. Donders Institute, Nijmegen (2014)
Getting lost: Navigation impairment in mild stroke patients. Donders Theme Meeting, Nijmegen. (2013)
Neurocognition of navigation ability. Max Planck Institute, Tübingen, Germany (2011)
Navigation in space and time, a case study. Nederlandse vereniging voor Neuropsychologie. (2011)
Spatial relation processing. Rudolph Magnus Institute Summerschool, Apeldoorn. (2010)

Research methods

Behavioral measures, neuropsychological case and group studies, virtual reality, serious gaming, fMRI, EEG

Committees

Member Faculty Ethical Committee (2020-present)
Education coordinator Neuropsychology, Leiden University (2019-present)
Member Master Education Committee Psychology, Leiden University (2017-present)
Member Research Policy Committee, Leiden University (2015- present)
Vice-chairperson Faculty Ethical Committee (2014-2015)
Member Medical Ethical Committee UMCU (2014-2015)
Member management team Experimental Psychology (2011-2013)

Organization

Special issue in Frontiers in Psychology: Wayfinding and Navigation: Strengths and Weaknesses in Atypical and Clinical Populations (2020)
Scientific committee member European Workshop on Imagery and Cognition (2018-present)
Organizer symposium at International Conference on Spatial Cognition, Rome (2015)

Organizer Helmholtz retreat (2014)
Organizer Symposium at INS, Amsterdam (2013)
Organizer Symposium at International Conference on Spatial Cognition, Rome (2012)
Organizer Symposium at International Conference on Spatial Cognition, Rome (2009)

Public Science events

Science café Leiden, (2020)
Hersensfestival, Laren (2019)
Maptime University, Amsterdam (2019)
NS stationslab, Utrecht (2018)
Kenniscafé, De Balie (2018)
Nacht van Ontdekkingen (2018)
Pop up college, Den Haag (2018)
Kopfestival, Deventer (2018)
Museumnacht, Amsterdam (2017)
Weekend van de Wetenschap, national event (2017)
Nacht van Kunst en Kennis, Leiden (2016)
Festival de Beschaving, Utrecht (2014)
Science Live, 3 research projects at Nemo Amsterdam (2013 and 2014)

Media

Interview Knack (2020)
Interview Radio 1 België (2020)
Interview the new scientist (2020)
Interview Libelle (2020)
Radio 1, talkshow Humberto Tan (2020)
Interview Volkskrant (2020)
NL_wetenschap Twitter account contributor (2019)
Interview BNR (2019)
Interview Quest magazine (2019)
TV program EditieNL (2019)
Interview Radio 1 (2019)
TV program Tijd voor Max (2018)
Podcast on wayfinding for Dutch Railways (2018)
Interview Radio 1 Belgie (2018)
Interview Quest magazine (2018)
Press release appeared in national sources; e.g. telegraaf.nl, metronieuws.nl, quote.nl, flaironline.nl
Interview Leidsch Dagblad, Noordhollands Dagblad, Gooi en Eemlander (2018)
Interview Volkskrant (2018)
Interview BNR (2018)
Interview Radio 1 Nieuws & Co (2018)
Interview Nemo Kennislink (2018)
Interview Leidsch Dagblad (2018)
TV program Tijd voor Max (2018)
Interview Radio Sleutelstad (2017)
TV program Zapp topdoks (2017)
Interview Radio 1 Nieuws & Co (2017)
TV program De kennis van nu (2017)
Interview Nieuwe Revu (2016)
Interview Radar+ magazine (2015)
Interview kennislink (2014)
Radio interview BNR (2014)

Interview Science Live website (2013)
Interview Kennisbits (2013)
Radio 4 interview (2011)
Interview Reformatorisch Dagblad (2011)
VPRO Labyrinth radio (2011)
ANP press release about dissertation (2011)
Interview NRC.next Zin (2009)
TV contribution BNN get smarter in a week (2008)

Teaching

Thesis supervision BSc and MSc level

Courses

Bachelor: Clinical Neuropsychology (2011-present), Attention and Memory (2013), UCU Cognitive Neuroscience II (2010-2012), UCU Spatial Cognition (2009-2015),

Master: Innovations in Clinical Neuropsychology (2019-present), Intervention Strategies in Clinical Neuropsychology (2016-2019), Neuropsychological rehabilitation (2014), Neurocognition (2020-present)

Coordination

Bachelor: Neuropsychology trajectory (2010-2013), Honours program experimental psychology (2010-2012), UCU Spatial Cognition (2011-2015), UCU Cognitive Neuroscience II (2010-2012), Experimental Psychology (2010-2011)

Master: Internship Clinical Neuropsychology (2016-present), Intervention Strategies in Clinical Neuropsychology (2016-2019), Innovations in Clinical Neuropsychology (2019-present)

Postgraduate teaching: Specialization Clinical Neuropsychology, Fundamental Theory and Diagnostics of Spatial Cognition (RINO Utrecht) (2015-present)

Training

Academic Management and Leadership Skills (2019)

Acquisition and Earning Power (2016)

Regulations and Organization for Clinical Researchers (BROK certificate obtained, 2013)

Mentoring and coaching for female researchers (2012)

BKO training (certificate obtained, 2011)

Selected participant of LERU Summerschool (2010)

Sensory systems (2008)

Computational and neurophysiological models for visual perception, VISIONTRAIN/POP (2008)

Scientific writing in English (2007)

Meta-analysis (2006)

SPM software Utrecht (2006), London (2007)

Publications

Total number of publications

International	58
First author	25
Last author	17
National	5
Edited books	1
Book chapters	4
Number of citations	1144
H index	17
i10 index	28
Mean IF	3.0
Median IF	2.4

International

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1. Mulder, H., van Houdt, C., van der Ham, I.J.M., van der Stigchel, S. & Oudgenoeg-Paz, O. (2020). Attentional flexibility predicts A-not-B task performance in 14-month-old-infants: a head mounted eye tracking study. *Brain Sciences*
 2. Van der Ham, I.J.M, van der Kuil, M.N.A, & Claessen, M.H.G. (2020). Quality of self-reported cognition: Effects of age and gender on spatial navigation self-reports. *Ageing and Mental Health*.
 3. Van der Kuil, M.N.A., Evers, A.W.M., Visser-Meily, J.M.A. (2020). The effectiveness of home-based training software designed to influence strategic navigation preferences in healthy subjects. *Frontiers in Human Neuroscience*.
 4. Van der Ham, I.J.M., van der Kuil, M.N.A, Evers, A.W.M., & Claessen, M.H.G. (2020) Large-scale assessment of human navigation ability across the lifespan. *Nature Scientific Reports*, in press.
 5. Hamami, Y., van der Kuil, M.N.A., Mumma, J., & van der Ham, I.J.M. (2020). Cognitive Processing of Spatial Relations in Euclidean Diagrams. *Acta Psychologica*, in press.
 6. Van der Ham, I.J.M. & Claessen, M.H.G. (2020). How age relates to spatial navigation performance: functional and methodological considerations. *Ageing Research Reviews*, in press.
 7. Bogomolova, K., van der Ham, I.J.M., et al. (2020). The effect of stereoscopic Augmented Reality visualization on learning anatomy and the modifying effect of visual-spatial abilities: a double-center randomized controlled trial. *Anatomical Sciences Education*, in press.
 8. Cuperus, A., Disco, R. T., Sligte, I.G., van der Kuil, M.N.A., Evers, A.W.M., & van der Ham, I.J.M. (2019) Memory-related perceptual illusions directly affect physical activity in humans. *Plos One*, 14, e0216988.
 9. Ruotolo, F., Ruggiero, G., Raemaekers, M., Iachini, T., van der Ham, I.J.M., Fracasso, A., & Postma, A. (2019) Neural correlates of egocentric and allocentric frames of reference combined with metric and non-metric spatial relations. *Neuroscience*, 409, 235-252.
 10. Claessen, M.H.G., Leijten, F.S.S., van Zandvoort, M., & van der Ham, I.J.M. (2019). Memory for novel and familiar environments relies on the hippocampus: A case study on a patient with a right anteromesial temporal lobectomy. *Hippocampus*, in press.
 11. Van der Ham, I.J.M., Klaassen, F., van Schie, K., Cuperus, A. (2019). Elapsed time estimates in virtual reality and the physical world: The role of arousal and emotional valence. *Computers in Human Behavior*, 94, 77-81.
 12. De Rooij, N.K., Claessen, M.H.G, van der Ham, I.J.M., Post, M.W.M., & Visser-Meily, J.M.A. (2019). The Wayfinding Questionnaire: A clinically useful self-report instrument to identify navigation complaints in stroke patients. *Neuropsychological Rehabilitation*, 29, 1042-1061.

13. Ruotolo, F., Claessen, M.H.G., & van der Ham, I.J.M. (2019). Putting emotions in routes: the influence of emotionally laden landmarks on spatial memory. *Psychological Research*, 83, 1083-1095.
14. Van der Ham, I.J.M., Brummelman, J., Aerts, M.E., de Haan, A.M. & Dijkerman, H.C. (2018). Lateralized pointing does not cause a cognitive bias. *Cognitive processing*, 19, 17-25.
15. Smit, M., Dijkerman, H.C., van der Smagt, M., & van der Ham, I.J.M. (2018). Body ownership and the absence of touch: Approaching the rubber hand in- and outside peri-hand space, *Experimental Brain Research*, 12, 3251-3265.
16. Van der Kuil, M.N.A., Visser-Meily, J.M.A., Evers, A.W.M., & van der Ham, I.J.M. (2018). A usability study of a serious game in cognitive rehabilitation: a compensatory navigation training in acquired brain injury patients. *Frontiers in Psychology*, 5, 9, 846.
17. Cuperus, A.A., Keizer, A., Evers, A.W.M., van den Houten, M.M.L., Tejjink, J.A.W., & van der Ham, I.J.M. (2018). Manipulating spatial distance in virtual reality: Effects on treadmill walking performance in patients with intermittent claudication. *Computers in Human Behavior*, 79, 211-216.
18. van der Ham, I.J.M., de Zeeuw, S. & Braspenning, M. (2017). Is order memory of routes temporal or spatial? An individual differences study. *Spatial Cognition X, Lecture Notes in Computer Science*, vol 10523. Springer, Cham.
19. Smit, M., Kooistra, D.I., van der Ham, I.J.M., & Dijkerman, H.C. (2017). Laterality and body ownership: Effects of handedness on experience of the rubber hand illusion. *Laterality: Asymmetries of Body, Brain and Cognition*, 22, 703-724.
20. Claessen, M.H.G., & van der Ham, I.J.M. (2017). Classification of navigation impairment: A systematic review of neuropsychological case studies. *Neuroscience and Biobehavioral Reviews*, 73, 81-97.
21. Oudgenoeg-Paz, O., Mulder, H., Jongmans, M.J., van der Ham, I.J.M., & van der Stigchel, S. (2017). The link between motor and cognitive development in children born preterm and/or with low birth weight: A review of current evidence. *Neuroscience and Biobehavioral Reviews*, 80, 382-393.
22. Claessen, M.H.G., Visser-Meily, J.M.A., Meilinger, T., Postma, A., de Rooij, N.K., & van der Ham, I.J.M. (2017). A systematic investigation of navigation impairment in chronic stroke patients: Evidence for three distinct types. *Neuropsychologia*, 103, 154-161.
23. van der Ham, I.J.M., Martens, M.A.G., Claessen, M.H.G., & van den Berg, E. (2017). Landmark agnosia: Evaluating the definition of landmark-based navigation impairment. *Archives of Clinical Neuropsychology*, 32, 472-482.
24. van der Ham, I.J.M., Hamami, Y., & Mumma, J. (2017). Universal intuitions of spatial relations in elementary geometry. *Journal of Cognitive Psychology*, 29, 269-278.
25. Cuperus, A. & van der Ham, I.J.M. (2016). Virtual reality replays of sports performance: Effects on memory, feeling of competence, and performance. *Learning and Motivation*, 56, 48-52.
26. Claessen, M.H.G., Visser-Meily, J.M.A., de Rooij, N.K., Postma, A., & van der Ham, I.J.M. (2016). The Wayfinding Questionnaire as a self-report screening instrument for navigation-related complaints after stroke: Internal validity in healthy respondents and chronic mild stroke patients, *Archives of Clinical Neuropsychology*, 31, 839-854.
27. Ruotolo, F., Iachini, T., Ruggiero, G., van der Ham, I.J.M., & Postma, A. (2016). Frames of reference and categorical/coordinate spatial relations in a "what was where" task. *Experimental Brain Research*, 234, 2687-2696.
28. Claessen, M.H.G., Visser-Meily, J.M.A., Jagersma, E., Braspenning, M.E., & van der Ham, I.J.M. (2016). Dissociating spatial and spatiotemporal aspects of navigation ability in chronic stroke patients. *Neuropsychology*, 30, 697-708.
29. Claessen, M.H.G., van der Ham, I.J.M., Jagersma, E., & Visser-Meily, J.M.A. (2016). Navigation strategy training using virtual reality in six chronic stroke patients: A novel and explorative approach to the rehabilitation of navigation impairment. *Neuropsychological Rehabilitation*, 26, 822-846.
30. Claessen, M.H.G., Visser-Meily, J.M.A., de Rooij, N.K., Postma, A., & van der Ham, I.J.M. (2015). A direct comparison of real-world and virtual navigation performance in chronic stroke patients. *Journal of the International Neuropsychological Society*, 22, 467-477.

31. van der Ham, I.J.M., Baalbergen, H., van der Heijden, P., Postma, A., Braspenning, M., & van der Kuil, M.N.A. (2015). Distance comparisons in virtual reality: effects of path, context, and age. *Frontiers in Psychology*, 6, 1103.
32. van der Ham, I.J.M., Faber, A.M.E., Venselaar, M., van Kreveld, M.J., & Löffler, M. (2015). Ecological validity of virtual environments to assess human navigation ability. *Frontiers in Psychology*, 6, 637.
33. Ruotolo, F., van der Ham, I.J.M., Postma, A., Ruggiero, G., & Iachini, T. (2015). How coordinate and categorical spatial relations combine with egocentric and allocentric reference frames in a motor task: Effects of delay and stimuli characteristics. *Behavioural Brain Research*, 284, 167-178.
34. Ruis, C., Postma, A., Bouvy, W., & van der Ham, I.J.M. (2015). Cognitive deficits after sporadic ecstasy use? A case report. *Neurocase*, 21, 351-357.
35. Claessen, M.H.G., van der Ham, I.J.M., & van Zandvoort, M.J.E. (2015). Computerization of the standard Corsi block-tapping task affects its underlying cognitive concepts: A pilot study. *Applied Neuropsychology: Adult*, 22, 180-188.
36. van der Ham, I.J.M., Postma, A., & Laeng, B. (2014). Lateralized perception: The role of attention in spatial relation processing. *Neuroscience and Biobehavioral Reviews*, 45, 142-148.
37. van der Ham, I.J.M. & van den Hoven, J. (2014). Lateralization of route continuation and route order. *Spatial Cognition IX, Lecture Notes in Computer Science*, 8684, 137-146.
38. van der Ham, I.J.M., Kant, N., Postma, A., & Visser-Meily, J.M.A. (2013) Is navigation ability a problem in mild stroke patients? Insights from self-reported navigation measures. *Journal of Rehabilitation Medicine*, 45(5), 429-433.
39. van der Ham, I.J.M., Dijkerman, H.C., van den Berg, E. (2013) The effect of attentional scope on spatial relation processing: A case study. *Neurocase*, 19(5), 505-512.
40. van der Ham, I.J.M., van Zandvoort, M.J.E., & Postma, A. (2012). Lateralization of spatial relation processing in natural scenes. *Behavioural Neurology*, 25, 175-177.
41. van der Ham, I.J.M., Duijndam, M.J.A., Raemaekers, M., van Wezel, R.J.A., Oleksiak, A. & Postma, A. (2012) Retinotopic mapping of categorical and coordinate spatial relation processing. *PLoS ONE*, 7(6), e38644.
42. van der Ham, I.J.M., Oleksiak, A., van Wezel, R.J.A., van Zandvoort, M.J.E., Frijns, C.J.M., Kappelle, L.J. & Postma, A. (2012). The effect of stimulus features on working memory of categorical and coordinate spatial relations in patients with unilateral brain damage. *Cortex*, 48, 737-745.
43. Ruotolo, F., Postma, A., Iachini, T., & van der Ham, I.J.M. (2011). Frames of reference and categorical and coordinate spatial relations: a hierarchical organization. *Experimental Brain Research*, 214, 587-595.
44. van der Ham, I.J.M. & Borst, G. (2011). The nature of categorical and coordinate spatial relation processing: An interference study. *Journal of Cognitive Psychology*, 23, 922-930.
45. van der Knaap, L.J. & van der Ham, I.J.M. (2011). How does the corpus callosum mediate interhemispheric transfer? A review. *Behavioural Brain Research*, 223, 211-221.
46. van der Ham, I.J.M., van Zandvoort, M.J.E., Frijns, C.J.M., Kappelle, L.J., & Postma, A. (2011). Hemispheric differences in spatial relation processing in a scene perception task: a neuropsychological study. *Neuropsychologia*, 49, 999-1005.
47. van der Ham, I.J.M., & Borst, G. (2011). Individual differences in spatial relation processing: effects of strategy, ability, and gender. *Brain and Cognition*, 76, 184-190.
48. Oleksiak, A., Klink, P.C., Postma, A., van der Ham, I.J.M., Lankheet, M.J.M., & van Wezel, R.J.A. (2011) Spatial summation in macaque parietal area 7a follows a winner-take-all rule. *Journal of Neurophysiology*, 105, 1150-1158.
49. Oleksiak, A., Postma, A., van der Ham, I.J.M., Klink, P.C., & van Wezel, R.J.A. (2011). A review of lateralization of spatial functioning in nonhuman primates. *Brain Research Reviews*, 67, 57-72.
50. Ruotolo F., van der Ham, I.J.M., Iachini T. & Postma, A. (2011). The relationship between egocentric and allocentric frames of reference and categorical and coordinate spatial information processing. *Quarterly Journal of Experimental Psychology*, 64, 1138-1156.

51. van der Ham, I.J.M., van Strien, J.W., Oleksiak, A., van Wezel, R.J.A., & Postma, A. (2010). Temporal characteristics of working memory for spatial relations: an ERP study. *International Journal of Psychophysiology*, 77, 83-94.
52. van der Ham, I.J.M., van Zandvoort, M.J.E., Meilinger, T., Bosch, S.E., Kant, N., & Postma, A. (2010). Spatial and temporal aspects of navigation in two neurological patients. *NeuroReport*, 21, 685-689.
53. van der Ham, I.J.M., & Postma, A. (2010). Lateralization of spatial categories: A comparison of verbal and visuospatial categorical relations. *Memory and Cognition*, 38(5), 582-590.
54. Oleksiak, A., Manko, M., Postma A., van der Ham, I.J.M., van den Berg, A.V. & van Wezel, R.J.A. (2010). Distance estimation is influenced by encoding conditions. *PLoS One*, 5, e9918.
55. van der Ham, I.J.M., Raemaekers, M., van Wezel, R.J.A., Oleksiak, A., & Postma, A. (2009) Categorical and coordinate spatial relations in working memory: An fMRI study. *Brain Research*, 1297, 70-79.
56. Oleksiak, A., Postma, A., van der Ham, I.J.M., van Wezel, R.J.A. (2009) Temporal dynamics of decisions on spatial categories and distances do not differ. *Brain and Cognition*, 69, 209-217.
57. van der Ham, I.J.M., van Wezel, R.J.A., Oleksiak, A., Postma, A. (2007). The time course of hemispheric differences in categorical and coordinate spatial processing. *Neuropsychologia*, 45, 2492-2498.
58. Kammers, M.P.M., van der Ham, I.J.M., Dijkerman, H.C. (2006). Dissociating body representations in healthy individuals: Differential effects of a kinaesthetic illusion on perception and action. *Neuropsychologia*, 44, 2430-2436.

National

1. Claessen, M.H.G., van der Ham, I.J.M., de Rooij, N.K., Visser-Meily, J.M.A. (2018) De weg kwijt na een beroerte: screening, diagnostiek en behandeling. *Nederlands Tijdschrift voor Revalidatiegeneeskunde* (2018)
2. Claessen, M.H.G., Visser-Meily, J.M.A., Postma, A., & van der Ham, I.J.M. (2017). Neurocognitieve en klinische perspectieven op het navigatievermogen. *Neuropraxis*, 21, 143-149.
3. Claessen, M.H.G., Visser-Meily, J.M.A. & van der Ham, I.J.M. (2017). Verdwalen na een beroerte. *Hersenletsel magazine*.
4. van der Ham, I. J. M., Dijkerman, H. C., van den Berg, E. (2012) De invloed van aandachtsbias op ruimtelijke waarneming. *Tijdschrift voor Neuropsychologie*, 7(3), 151-161.
5. van der Ham, I. J. M., van Zandvoort, M. J. E., & Postma, A. (2010). Ruimtelijke en tijdsgebonden aspecten van navigatie in twee neurologische patiënten. *Tijdschrift voor neuropsychologie*, 5, 33-41.

Books and book chapters

1. Postma A. & van der Ham, I. J. M. (Eds.) (2016). *The neuropsychology of space*. Elsevier Academic Press, Cambridge, MA.
2. Postma, A. & van der Ham, I. J. M. (2016). Keeping track of where things are in space – the neuropsychology of object location memory. Postma A. & van der Ham, I. J. M. (Eds.), Elsevier Academic Press, Cambridge, MA.
3. Van der Ham, I. J. M. & Ruotolo, F. (2016). On inter and intra hemispheric differences in visuospatial perception. Postma A. & van der Ham, I. J. M. (Eds.), Elsevier Academic Press, Cambridge, MA.
4. Van der Ham, I. J. M. & Claessen, M. H. G. (2016). Navigation ability. In: *The neuropsychology of space*, Postma A. & van der Ham, I. J. M. (Eds.), Elsevier Academic Press, Cambridge, MA.
5. van der Ham, I. J. M. (2016). Getting back on track: Navigation aids in neuropsychological rehabilitation. In *'Memory in the twenty-first century: New critical perspectives from the arts, humanities, and sciences* (Ed. S. Groes).

Oral presentations

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- van der Ham, I.J.M., Claessen, M.H.G., van der Kuil, M.N.A. (2018). Individual differences in navigation ability; impact of demographic factors and mental rotation ability. ICSC, Rome

- van der Ham, I.J.M., de Zeeuw, S., & Braspenning, M. (2016). Is order memory of routes temporal or spatial? An individual differences study. *Spatial Cognition*, Philadelphia.
- van der Ham, I. J. M., & van Stralen, H. E. (2015). Left right confusion: effects of strategy. ICSC, Rome.
- van der Ham, I. J. M. (2015). Human navigation in real and virtual environments: the role of locomotion. ICSC, Rome.
- Van der Ham, I. J. M., Faber, A., Venselaar, M., van Kreveld, M., & Löffler, M. (2014). Route memory in real, virtual, and hybrid environments. Psychonomics meeting, Long Beach, LA
- Van der Ham, I. J. M., & van den Hoven, J. (2014). Lateralization of route continuation and route order. *Spatial Cognition*, Bremen
- Van der Ham, I. J. M., Baalbergen, H., Braspenning, M., & van der Kuil, M. N. A. (2014). Object location memory in virtual reality: effects of order and categorization. EWIC, Cyprus
- Van der Ham, I. J. M. (2014). Order memory of routes, based on space or time? ENP, Lunteren
- van der Ham, I. J. M., de Zeeuw, S. C., & Braspenning, M. (2013). Order memory of routes: based on space, not time. *Psychonomics*, Toronto
- Van der Ham, I. J. M., Braspenning, M., & Visser-Meily, A. M. E. (2013) Navigation impairment in mild stroke patients. INS, Amsterdam (symposium organizer)
- van der Ham, I. J. M., Raemaekers, M., van Wezel, R. J. A., Oleksiak, A., & Postma, A. (2012). Distinct retinotopic activation patterns in spatial relation processing. EWIC, Bochum.
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