

VU Research Portal

Findings in haptic (re)search

van Polanen, V.

2014

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

van Polanen, V. (2014). *Findings in haptic (re)search*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam].

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

PUBLICATIONS

Journal articles

- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (in press). Parallel processing of shape and texture in haptic search. *Acta Psychologica*.
- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2013). Integration and disruption effects of shape and texture in haptic search. *PLoS ONE* 8(7), e70255.
- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2012). Haptic search for hard and soft spheres. *PLoS ONE*, 7(10), e45298.
- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2012). Haptic pop-out of movable stimuli. *Attention, Perception, & Psychophysics*, 74(1), 204-215.
- Deconinck, F., **Polanen, V. van**, Savelsbergh, G.J.P. & Bennett, S. (2011). The relative timing between eye and hand rapid sequential pointing is affected by time pressure, but not by advance knowledge. *Experimental Brain Research*, 213, 99-109.

Conference proceedings

- van Polanen, V.**, Bergmann Tiest, W.M., Creemers, N., Verbeek, M.J. & Kappers, A.M.L. (in press). Optimal exploration strategies in haptic search. In: *LNCS Eurohaptics 2014 proceedings*. Berlin Heidelberg: Springer-Verlag.
- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2011). Movement strategies in a haptic search task. In: *IEEE World Haptics Conference (WHC), 2011* (pp. 275-280). IEEE.

Refereed abstracts

- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2013). Integration of shape and texture in haptic search. In: *Perception*, 42, *ECVP Abstract Supplement*, pp. 176.
- van Polanen, V.**, Bergmann Tiest, W.M. & Kappers, A.M.L. (2012). The saliency of compliance in a haptic search task. In: *Perception*, 41, *ECVP Abstract Supplement*, pp. 66.

ABOUT THE AUTHOR

Vonne van Polanen was born in Almere in 1987. After receiving her VWO diploma cum laude (OSG de Meergronden, Almere) in 2005, she started her bachelor study at the Faculty of Human Movement Sciences of the VU University Amsterdam. With a specialisation in movement coordination, she graduated cum laude for both her bachelor and master. As part of her master thesis, she performed an internship at the Manchester Metropolitan University in 2009. Here, she studied the coordination between eye and hand movements in a pointing task. After that, she started her PhD at the Utrecht University in 2010 and continued this position at the VU University after a few years when her research group moved to Amsterdam. In this project she investigated the haptic perception of multiple objects, haptic features, integration and exploratory movements in search tasks. The results of this research can be found in this thesis. Currently she is finishing up ongoing projects.

