



Curriculum Vitae

Michiel Joosse

I received a M.Sc. in Information Studies from the University of Amsterdam in 2013 and a Ph.D. from the University of Twente in 2017. In my research I studied people's interactions with technology; specifically with social robots. During my studies I have gained experience applying a variety of research methods, ranging from explorative, qualitative studies to running controlled lab experiments. This topic also provided me the opportunity to give talks and lecture about social robots, and learn about the thoughts and opinions of other people concerning the development of technology and the impact on society.


PROFESSIONAL EXPERIENCE


Full name: Michiel Pieter Joosse
Nationality: Dutch
Date of Birth: 4 October 1989

PhD researcher • University of Twente • 2013-2017

PhD researcher working as part of an international EU-funded project team. Over the course of my PhD I have conducted 9 user studies to investigate appropriate motion behaviors for a guide robot in public space. The results of these studies have been published in (international) academic papers and presented at conferences. Next to the regular "scientific work", I have given invited talks and appeared in various media.

CONTACT

 michiel.joosse@gmail.com

 06-18363985

 michieljoosse

 @michieljoosse

 <http://www.michieljoosse.nl>

OTHER EXPERIENCE

Teaching assistant • University of Amsterdam • 2011-2012

Teaching assistant undergraduate course "Applied Knowledge and Communication Skills", Bachelor Information Studies.

Allround salesperson • Goedhart Bouwbeheer • 2006-2012

Allround salesperson, primarily focused on customer services and sales in the paint department of a hardware store. Increasing responsibilities over the years.

Assistant instructor • Uithoornse Reddingsbrigade • 2009-2013

Volunteer instructor at the local life-saving organization, teaching kids between 8-12 years old.

EDUCATION

Ph.D. • University of Twente • 2013-2017

Human-Robot Interaction; study of people's interactions with social robots.
Advisors: Prof. Dr. Vanessa Evers, Dr. Manja Lohse.

Master Information studies • University of Amsterdam • 2011-2012

Track Human-Centered Multimedia.

Bachelor Information studies • University of Amsterdam • 2008-2011

Track Human-Centered Multimedia, minor Business Information Systems.

Pre-university secondary education • Hermann Wesselink College • 2002-2008

Pre-university secondary education.

MISCELLANEOUS EXPERIENCE

Languages

- Dutch: native proficiency
- English: professional working proficiency

Licenses

- Dutch driving license (B)
- First aid certificate

Computer skills

- SPSS, statistical analysis.
- LaTeX, document preparation system widely used in academia.
- Google Sketchup, used for 3D modeling.
- General office software, such as Microsoft Office.
- Basic programming skills (introductions to Python, Java).

MEDIA (SELECTION)

Invited talks

- “In gesprek met Sociaal Intelligente Robots”, invited talk at GGD Rotterdam-Rijnmond, December 2015.
- “Nemen robots uw werk over?”, invited talk at Tomorrow@Work event, November 2015.
- “Sociale robots & SPENCER”, invited talk at University of Twente, January 2015.
- “Sociale robots”, invited talk at the University of Amsterdam, October 2013, October 2015.

Television & radio appearances

- Leven met Robots (eBook), chapter 4. Gave interview on robot(cooks) and service robots.
- RTL News (tv), 16 July 2015, item about the SPENCER project.
- VPRO Tegenlicht Meetup (tv), 13 May 2015, with Khiet Truong.

News articles

- “KLM krijgt eigen Wall-E: robot helpt passagier met overstap”, AD (Dutch), December 2015.
- “UT test gidsrobot Spencer op Schiphol”, UT News (Dutch), November 2015.
- “Robot ‘Spencer’ leert de weg op Schiphol tijdens tests”, Tweakers.nl (Dutch), November 2015.
- “Huidige baan blijft bestaan, ondanks robotisering?”, HR Magazine (Dutch), July 2015 .

TEACHING EXPERIENCE

- Teaching assistant for the course “Communication Technologies for Global Work” (2013-2016), taught jointly with Stanford University.
- Project coach, supervising various student groups at the BSc and MSc level.

EXTRACURRICULAR ACTIVITIES

Board member • Twente Toastmasters • 2015-2017

Board member at the local chapter of Toastmasters International. Responsible for public relations (July 2015- June 2016) and membership (July 2016-June 2017).

Board member • Uithoornse Reddingsbrigade • 2011-2012

Board member at the local life-saving organization.

Academic Appendix

Michiel Josse

ACADEMIC SERVICE

- Reviewer for international conferences and journals, such as ICSR (2013-2015), ROMAN (2015-2016), HRI (2015-2017), CHI (2014) and Paladyn Journal of Behavioral Robotics (2013-2014).
- Moderator, HRI announcements list (October 2015-May 2017).
- Organizer of weekly lab talks (October 2013-June 2016).
- Provided over 30 demos and/or technical support for media appearances involving local and national television & radio shows, public figures and general public.

PUBLICATIONS

Ph.D. thesis

- Josse, M.P. (2017) *Investigating Positioning and Gaze Behaviors of Social Robots: People's Preferences, Perceptions, and Behaviors*. PhD thesis. University of Twente, Enschede, the Netherlands. ISBN 978-90-365-4376-7. ISSN 1381-3617. DOI: 10.3990/1.9789036543767.

Peer-reviewed conference publications and journal articles

1. Josse, M.P. & Evers, V. (2017) A Guide Robot at the Airport: First Impressions. *Proceedings of the Companion of the 2017 ACM/IEEE International Conference on Human-Robot Interaction*, pp. 149-150. 6-9 March 2017, Vienna, Austria. DOI: 10.1145/3029798.3038389.
2. Josse, M.P., Knuppe, R.A., Pingen, G.L.J., Varkevisser, R.A., Vukoja, J., Lohse, M. & Evers, V. (2015) Robots Guiding Small Groups: The Effect of Appearance Change on the User Experience. *Proceedings of the 4th International Symposium on New Frontiers in Human-Robot Interaction*. 21-22 April 2015, Canterbury, U.K.
3. Vroon, J.H., Josse, M.P., Lohse, M., Kolkmeier, J., Kim, J., Truong, K.P., Englebienne, G., Heylen, D.K.J. & Evers, V. (2015) Dynamics of Social Positioning Patterns in Group-Robot Interactions. *Proceedings of the 24th IEEE Int. Symposium on Robot and Human Interactive Communication (ROMAN2015)*. DOI: 10.1109/ROMAN.2015.7333633.
4. Triebel, R., Arras, K.O., Alami, R., Beyer, L., Breuers, S., Chatila, R., Chetouani, M., Cremers, D., Evers, V., Fiore, M., Hung, H., Islas Ramirez, O.A., Josse, M.P., Khambhaita, H., Kucner, T., Leibe, B., Lilienthal, A.J., Linder, T., Lohse, M., Magnusson, M., Okal, B., Palmieri, L., Rafi, U., van Rooij, M., & Zhang, L. (2015) SPENCER: A Socially Aware Service Robot for Passenger Guidance and Help in Busy Airports. *Proceedings of the 10th Conference on Field and Service Robotics (FSR)*, pp. 607-622. DOI: 10.1007/978-3-319-27702-8_40.

5. Joosse, M.P., Poppe, R.W., Lohse, M. & Evers, V. (2014) Cultural Differences in how an Engagement-Seeking Robot should Approach a Group of People. *Proceedings of the 5th ACM international conference on Collaboration across boundaries: culture, distance & technology (CABS2014)*, pp. 121-130. DOI: 10.1145/2631488.2631499.
6. Joosse, M.P., Lohse, M. & Evers, V. (2014) Sound over Matter: The Effects of Functional Noise, Robot Size and Approach Velocity in Human-Robot Encounters. *Proceedings of the 2014 ACM/IEEE International Conference on Human-Robot Interaction (HRI2014)*, pp. 184-185. DOI: 10.1145/2559636.2559822.
7. Karreman, D.E., Utuma, L., Joosse, M.P., Lohse, M. Van Dijk, E.M.A.G. & Evers, V. (2014) Robot etiquette: how to approach a pair of people? *Proceedings of the 2014 ACM/IEEE International Conference on Human-Robot Interaction (HRI2014)*, pp. 196-197. DOI: 10.1145/2559636.2559839.
8. Lohse, M., van Berkel, N., van Dijk, E.M.A.G., Joosse, M.P., Karreman, D.E. & Evers, V. (2013) The Influence of Approach Speed and Functional Noise on Users' Perception of a Robot. *Proceedings of the 2013 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS2013)*. DOI: 10.1109/IROS.2013.6696573.
9. Joosse, M.P., Lohse, M., Gallego Pérez, J. & Evers, V. (2013) What You Do Is Who You Are: The Role of Task Context in Perceived Social Robot Personality. *Proceedings of 2013 IEEE International Conference on Robotics and Automation (ICRA2013)*. DOI: 10.1109/ICRA.2013.6630863.
10. Sardar, A., Joosse, M.P., Weiss, A., & Evers, V. (2012). Don't stand so close to me: users' attitudinal and behavioral responses to personal space invasion by robots. *Proceedings of the Seventh Annual ACM/IEEE international conference on Human-Robot Interaction*, pp. 229-230. DOI: 10.1145/2157689.2157769.
11. Joosse, M.P., Sardar, A., & Evers, V. (2011). BEHAVE: A Set of Measures to Assess Users' Attitudinal and Non-verbal Behavioral Responses to a Robot's Social Behaviors. *Proceedings of the 2011 International Conference on Social Robotics (ICSR2011)*, pp. 84-94. Springer Berlin Heidelberg. DOI: 10.1007/978-3-642-25504-5_9.

Miscellaneous workshop papers and articles

1. Joosse, M.P., van Waveren S., Zaga, C. & Evers, V. (2017) Groups in Conflict at the Airport: How People Think a Robot Should Act. *CSCW 2017 workshop on Robots in Groups and Teams*. 26 February 2017, Portland, Oregon.
2. Joosse, M.P., Lohse, M. & Evers, V. (2014) Crowdsourcing Culture in HRI: Lessons Learned From Quantitative and Qualitative Data Collections. *ICSR 2015 workshop on Culture-Aware Robotics*. 30 October 2015, Paris, France.
3. Joosse, M.P., Lohse, M. & Evers, V. (2014) Lost in Proxemics: Spatial Behavior for Cross-Cultural HRI. *HRI 2014 workshop on Culture-Aware Robotics*. 3 March 2014, Bielefeld, Germany.
4. Joosse, M.P., Lohse, M. & Evers, V. (2013) Short Duration Robot Interaction at an Airport: Challenges from a Socio-Psychological Point of View. *ICSR 2013 workshop on Robots in public spaces: towards multi-party, short-term, dynamic human-robot interaction*. 27 October 2013, Bristol, U.K.