

CURRICULUM VITAE

Maartje M.A. de Graaf, PhD

PERSONAL INFORMATION

Office Address

Brown University
190 Thayer Street
Providence, RI 02912, USA

Phone: +1 (401) 863 1359
E-Mail: maartje_de_graaf@brown.edu
Web: <http://robonarratives.wordpress.com>
Twitter: @RoboNarratives

EDUCATION

- 03-2011 – 06/2015 **Doctor of Philosophy, Human-Robot Interaction / Communication Science**
University of Twente, Enschede, The Netherlands
Title of thesis: Living with robots: Investigating the user acceptance of social robots in domestic environments. Project funded by the Centre of Telematics and Information Technology (CTIT). (Supervisor: Prof. Dr. Jan A.G.M. van Dijk)
- 02/2008 – 01/2011 **Master of Science, Communication Science**
University of Twente, Enschede, The Netherlands
Title of thesis: The relationship between adolescents' personality characteristics and online self-presentation. (Supervisor: Dr. Somaya Ben Allouch)
- 09/2000 – 02/2005 **Bachelor of Business Administration, Communication Management**
Amsterdam University of Applied Sciences, Amsterdam, The Netherlands
Title of thesis: The influence of women's image as displayed at Dutch television on primary school children. (Supervisor: Ms. José Pieper)

PROFESSIONAL EXPERIENCE

- 01/2017 – present **Postdoctoral Researcher**
Dept. of Cognitive, Linguistic & Psychological Sciences, Brown University, USA
- 04/2015 – 12/2016 **Postdoctoral Researcher**
Dept. of Communication Science / Human-Media Interaction, University of Twente, The Netherlands
- 03/2011 – 06/2015 **Graduate Researcher**
Dept. of Communication Science, University of Twente, The Netherlands
- 01/2011 – 02/2011 **Student Research Assistant**
Dept. of Communication Science, University of Twente, The Netherlands
- 03/2007 – 02/2008 **Business Consultant**
DPA Professionals;
Employed as project analyst at KPN, a large supplier of ICT services in the Netherlands.
- 08/2006 – 02/2007 **Project Manager**
Rabobank Flevoland, an international financial services provider.
Managing a local administration project and coaching two temps.
- 01/2002 – 07/2006 **Administrator**
Different employees, such as Municipality of Gouda, the Dutch Railways and NUON.
Various administrative jobs, such as office management and customer services.

TEACHING EXPERIENCE

- 2014 – 2016 **Lecturer in (under)graduate program Human-Media Interaction at University of Twente**
Course names: Human-computer interaction design and evaluation; Social robot masterclass.
- 2012 – 2016 **Lecturer in (under)graduate program Communication Science at University of Twente**
Course names: Research topics in communication science; Adoption, use and effects of digital media;
Social media and networks; New media and communication; User-Centered Design of New Media.
- 2012 – 2016 **Supervision of Bachelor and Master Students at University of Twente**

PUBLICATIONS

2017

- Graaf, M.M.A. de**, Ben Allouch, S., & Dijk, J.A.G.M. van (2017). Why do they refuse to use my robot?: Reasons for non-use derived from a long-term home study. *International Conference on Human-Robot Interaction, Vienna, Austria*. *Best Paper Award*
- Graaf, M.M.A. de**, & Ben Allouch, S. (2017). The influence of prior expectations of a robot's lifelikeness on companionship with a zoomorphic robot. *International Journal of Social Robotics*, 9(1), 17-32.

2016

- Graaf, M.M.A. de**, Ben Allouch, S., & Dijk, J.A.G.M. van (2016). Long-term evaluation of a social robot in real homes. *Interaction Studies*, 17(3), 462-491.
- Graaf, M.M.A. de**, Ben Allouch, S., & Lutfi, S. (2016). What are people's associations of robots?: Comparing implicit and explicit measures. *International Symposium on Robot and Human Communication, New York, USA*.
- Graaf, M.M.A. de**, & Ben Allouch, S. (2016). Anticipating our future robotic society: The evaluation of future robot applications from a user's perspective. *International Symposium on Robot and Human Communication, New York, USA*.
- Graaf, M.M.A. de** (2016). An ethical evaluation of human-robot relationships. *International Journal of Social Robotics*, 8(4), 589-598.
- Graaf, M.M.A. de**, Ben Allouch, S., & Dijk, J.A.G.M. van (2016). Long-term acceptance of social robots in domestic environments: Insights from a user's perspective. *AAAI 2016 Spring Symposium on "Enabling Computing Research in Socially Intelligent Human-Robot Interaction: A Community-Driven Modular Research Platform", Palo Alto, CA, USA*.

2015

- Graaf, M.M.A. de**, Ben Allouch, S., & Dijk, J.A.G.M. van (2015). What makes robots social?: A user's perspective on characteristics for social human-robot interaction. *International conference on Social Robotics, Paris, France*.
- Graaf, M.M.A. de** (2015). The ethics of human-robot relationships. *New Friends: 1st International Conference on Social Robots in Therapy and Education, Almere, The Netherlands*.
- Graaf, M.M.A. de**, & Ben Allouch, S. (2015). The evaluation of different roles for domestic social robots. *International Symposium on Robot and Human Interactive Communication, Kobe, Japan*.
- Graaf, M.M.A. de** (2015). Living with robots: Investigating the user acceptance of social robots in domestic environments (doctoral thesis). Gildeprint: Enschede, The Netherlands.
- Graaf, M.M.A. de**, Ben Allouch, S., & Klamer, T. (2015). Sharing a life with Harvey: Exploring the acceptance of and relationship building with a social robot. *Computers in Human Behavior*, 43, 1-14.

2014

- Graaf, M.M.A. de**, Ben Allouch, S., & Dijk, J.A.G.M. van (2014). Long-term evaluation of a social robot in real homes. *AISB Workshop on New Frontier in Human-Robot Interaction, London, UK*.
- Graaf, M.M.A. de**, & Ben Allouch, S. (2014). Expectation setting and personality attribution in HRI. *International Conference on Human-Robot Interaction (pp. 144-145), Bielefeld, Germany*.
- Graaf, M.M.A. de**, & Ben Allouch, S. (2014). Users' preferences of robots for domestic use. *International Conference on Human-Robot Interaction (pp. 146-147), Bielefeld, Germany*.
- Graaf, M.M.A. de**, & Ben Allouch, S. (2014). Evaluation of a socially assistive robot in eldercare (workshop paper). *International Conference on Human-Robot Interaction, Bielefeld, Germany*.
- Graaf, M.M.A. de** (2014). Towards a new model for long-term acceptance of domestic social robots (HRI Pioneers). *International Conference on Human-Robot Interaction, Bielefeld, Germany*.
- Graaf, M.M.A. de**, Ben Allouch, S., & Lutfi, S. (2014). People's implicit and explicit associations with and attitudes towards robots. *Het Etmaal van de Communicatiewetenschap (24-hours of Communication Science), Wageningen, The Netherlands*.

2013

Graaf, M.M.A. de, & Ben Allouch, S. (2013). Exploring influencing variables for the acceptance of social robots. *Robots & Autonomous Systems*, 16, 1476-1486.

Graaf, M.M.A. de, & Ben Allouch, S. (2013). The relation between people's attitude and anxiety towards robots in human-robot interaction. *International Symposium on Robot and Human Interactive Communication, Gyeongju, Korea*.

2012

Graaf, M.M.A. de, & Ben Allouch, S. (2012). User acceptance, long-term use and relationship-building with social robots. *Het Etmaal van de Communicatiewetenschap (24 Hours of Communication Science), Leuven, Belgium*.

Graaf, M.M.A. de, & Ben Allouch, S. (2012). Harvey's last appearance: Long-term use and acceptance of social robots. *International Communication Association Annual Conference, Phoenix, AZ, USA*.

2011

Ben Allouch, S., Klamer, T., & **Graaf, M.M.A. de** (2011). Return of Harvey: Acceptance and use of social robots (Work-In-Progress Paper). *International Conference on Social Robotics, Amsterdam, The Netherlands*.

MANUSCRIPTS UNDER REVIEW

Graaf, M.M.A. de, Ben Allouch, S., & Dijk, J.A.G.M. van (under review). Why would I use this in my home?: A model of domestic social robot acceptance. *Human-Computer Interaction*.

Graaf, M.M.A. de, Ben Allouch, S., & Dijk, J.A.G.M. van (under review). A phased framework for long-term user acceptance of socially interactive technology in domestic environments. *New Media & Society*.

INVITED TALKS

- 10/2016 **Accepting social robots in our everyday environments**
EBF Conference: A Future in Robotics at the University of Groningen, The Netherlands.
- 06/2016 **Samenleven met een robot?** (English: Living together with a robot?)
The Human-Robot Interaction Symposium, Utrecht, The Netherlands.
- 03/2016 **Living with social robots?**
Al-fternoon talk at the Radboud University, Nijmegen, The Netherlands.
- 10/2015 **A robot in every home?**
The 21st Century Skills in Education and the Workforce, Den Bosch, The Netherlands.
- 10/2015 **Social robots: What are they and for what applications do we (not) want to use them?**
Invited to give a workshop at the Inspiration Day for Women, Rijssen, The Netherlands.
- 09/2014 **Human interaction with autonomous agents**
The Summer School on Autonomous Road Systems, Sofia, Bulgaria.
- 03/2013 **Long-term acceptance of social robots in the home**
The Grundtvig Project meeting Feeling Younger by Getting Older, Enschede, The Netherlands.

HONORS AND AWARDS

- 03/2016 **HRI 2017 Best Paper Award** – In the category human-robot interaction studies.
- 01/2015 **NWO Rubicon Grant** – The Netherlands Organization for Scientific Research (NWO)
Awarded €134,764 for 2 years of research abroad, as one of 22 recipients (100 applicants).
- 01/2015 **Tech4People Grant** – University of Twente
Awarded €70,000 for one year of research, as one of 10 recipients (88 applicants).
- 03/2014 **HRI Pioneer** – International Conference of Human-Robot Interaction
Selected as one of 24 participants (66 applications). Full financial coverage of expenses.

OTHER ACADEMIC ACTIVITIES

WORKSHOP AND SYMPOSIUM ORGANIZATION

Co-organizer of the symposium **Societal Implications of Robotics** (SIRoS), in conjunction with WE ROBOT 2017, March 30, Providence, RI, USA.
Co-organizer of the workshop **Human-Robot Interaction in Real-World Contexts**, in conjunction with RO-MAN 2016, August 26, New York, USA.
Co-organizer of the workshop **Bridging the Gap between HRI and Robot Ethics Research**, in conjunction with ICSR 2015, October 30, Paris, France.
Co-organizer of the symposium **Charting the Next Steps for Robot Ethics**, 2015 May 7-8, Enschede, The Netherlands.
Co-organizer of the **HRI Pioneers** workshop, in conjunction with HRI 2015, March 2, Portland, Oregon.

REVIEWING ACTIVITIES

International Journal of Human-Robot Interaction, 2012-2016
International Journal of Social Robotics, 2014-2017
Computers in Human Behavior, 2014-2016
Interaction Studies, 2016
Cognitive Systems Research, 2016
International Conference on Human Factors in Computing Systems (CHI), 2015-2017
International Conference on Human-Robot Interaction (HRI), 2015-2017
International Symposium on Robot and Human Communication (RO-MAN), 2014-2016

PROFESSIONAL AFFILIATIONS

International Symposium on Robot and Human Communication (RO-MAN), Associate Editor 2016
Foundation of Responsible Robotics, chair of the Social Robots working group 2015-2017
3TU Center for Ethics and Technology, member 2014-2016
IEEE, member 2013-2016
RoboNED: Dutch robotics association, member 2011-2016

SKILLS

COURSES AND CERTIFICATES

University Teaching Qualifier – University of Twente, The Netherlands
Survey Methods – IOPS Interuniversity Graduate School, The Netherlands
Structural Equation Modeling – Utrecht Summer School, The Netherlands
Cambridge Advanced English – University of Cambridge, United Kingdom
Technical Writing & Editing – Peter Borough Technical Communication, The Netherlands
Qualitative Research Methods – AiSSR, University of Amsterdam, The Netherlands

SOFTWARE

Scientific packages: AMOS, ATLAS.ti, Mplus, SPSS.
Programming: Visual programming environments (e.g., NAO platform, Lego Mindstorms), Dream Weaver, HTML.

LANGUAGES

Dutch (Native language)
English (Full professional proficiency)
German (Limited working proficiency)
French (Elementary proficiency)