

HANNAH R. M. PELIKAN

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EDUCATION

Linköping University, Sweden | 2018 - present

PhD student at the Department of Culture and Communication studying Human-Robot Interaction

University of Twente, Enschede, The Netherlands | 2016 - 2018

Master of Science in Interaction Technology, passed *cum laude*

Osnabrück University, Germany and **Linköping University, Sweden** | 2012 - 2015

Bachelor of Science in Cognitive Science, 1.5/5 (GPA: 3.7)

RESEARCH EXPERIENCE

Visiting Researcher, Robots in Groups Lab, Cornell University, USA | Aug-Dec 2017

Supervisor: Dr. Malte Jung

Collected video data of teamwork during gynecologic surgeries with and without the DaVinci surgical robot, taking a conversation analytic and ethnographic approach.

Research Assistant, Bielefeld University, Germany | Jun-Oct 2017

Analysis and visualization of Kinect data obtained during human-robot interaction using MATLAB and Python for an interdisciplinary research group of communication and computer scientists.

Research Assistant, University of Duisburg-Essen, Germany | Jan 2016 - Feb 2017

Analysis and visualization of Kinect data obtained during human-robot interaction using MATLAB and Python for an interdisciplinary research group of communication and computer scientists.

Intern, University of Duisburg-Essen & Bielefeld University, Germany | Oct-Dec 2015

Supervisors: Prof. Dr. Karola Pitsch and Prof. Dr. Sebastian Wrede

Analyzed video data of humans interacting with a Nao robot in a museum setup using Conversation Analytic methods. Acted as an experimenter in a breaching experiment with a museum guide.

Intern, Research Group Clinical Neuropsychology, Munich, Germany | Aug-Oct 2013

Supervisor: Dr. Styrmir Saevarsson, PhD

Prepared an experiment for the investigation of premotor neglect and assisted in patient testing. Visited therapy sessions in the department of clinical neuropsychology.

TEACHING EXPERIENCE

Teaching Assistant, University of Twente, The Netherlands | Apr-Jul 2018

Graded student essays, maintained the Blackboard course page and set up telepresence technology (including telepresence robots) during a joint course with Stanford University on Communication Technology for Global Work.

Course Tutor, Osnabrück University, Germany | Apr-Jul 2014 (Summer term)

Provided feedback and grade recommendations on essays of first year students taking the course Introduction to Philosophy of Mind.

Course Tutor, Osnabrück University, Germany | Oct 2013 - Feb 2014 (Winter term)

Taught basic statistical knowledge and SPSS usage in the practice course Statistics and Data Analysis I.

PUBLICATIONS AND CONFERENCES

Publications:

Hannah R. M. Pelikan, Amy Cheatle, Malte F. Jung, and Steven J. Jackson. 2018. Operating at a Distance – How a Teleoperated Surgical Robot Reconfigures Teamwork in the Operating Room. *Proc. ACM Hum.-Comput. Interact.* 2, CSCW, Article 138 (November 2018), 28 pages.

DOI: <https://doi.org/10.1145/3274407>

Federico Fabiano, **Hannah R. M. Pelikan**, Jelle Pingen, Judith Zissoldt, Alejandro Catala and Mariët Theune. 2017. Designing a Co-Creative Dancing Robotic Tablet. Paper presented at *6th International Workshop on Computational Creativity, Concept Invention, and General Intelligence*, Madrid, Spain. <https://research.utwente.nl/en/publications/designing-a-co-creative-dancing-robotic-tablet>

Hannah R. M. Pelikan and Mathias Broth. 2016. Why That Nao?: How Humans Adapt to a Conventional Humanoid Robot in Taking Turns-at-Talk. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems* (CHI '16). ACM, New York, NY, USA, 4921-4932. DOI: <https://doi.org/10.1145/2858036.2858478>

Reviewing:

ACM CHI Human Factors in Computing Systems, 2017 (*marked excellent reviewer*)

Student Volunteer:

21st ACM Conference on Computer Supported Cooperative Work and Social Computing (CSCW 2018), Jersey City, NJ, USA | Nov 3-7, 2018

German Society for Analytic Philosophy Conference (GAP.9), Osnabrück, Germany | Sep 14-17, 2015

SCHOLARSHIP AND ACTIVITIES

Scholarship for outstanding students from 'Evangelisches Studienwerk Villigst' | 2012 - 2018 funded by the German state and the German Protestant Church.

Activity Committee, *Jazz Dance association 'S.D.V. Chassé'*, *University of Twente* | 2016 - 2017
Monthly organization of activities for members of the association.

Intercultural Mentoring, *Osnabrück University* | 2013 - 2014

Acted as a mentor for four international students at Osnabrück University. Received professional training from psychologists beforehand.

SKILLS

Android Studio, BioSemi ActiveTwo (EEG device), Choregraphe (programming Nao robots), CSS, Eclipse, ELAN (tool for video and audio annotations), EMOTIV (mobile EEG), HTML, Git, Java, JavaScript, Linux, MacOS, MATLAB, Python, SPSS, Windows.

Languages: German (native), English (TOEFL iBT: 115/120), Dutch, Swedish, French (DELFB1: 89/100).