

LUCA M. LEISTEN



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CONFERENCE TALKS

2023

EUROPEAN
ROBOTICS FORUM
Panel talk on
deploying social
robots in healthcare

2022

BEHAVIORAL
SCIENCES
CONFERENCE
Thesis presentation
on child-robot
interaction

2021

FRIAS HUSPOMA
Paper presentation
on bias in
voice assistants

BEHAVIORAL
SCIENCES
CONFERENCE
Poster presentation
on maternal stress

Profile Summary

Early career researcher on the intercept of social sciences and computer sciences. Focus on social human-robot interaction and child-robot interaction, with a special interest in education.

Education

2023 – Now

PhD Student in Learning Sciences

ETHZ & EPFL · Zürich, Switzerland 📍

Soft robots in Education – Supervisors: Josie Hughes, Nathan Caruana & Emily S. Cross

2020 – 2022

M.Sc. Behavioural Sciences (Research)

RADBOD UNIVERSITY · Nijmegen, Netherlands 📍

Thesis: Reciprocity and relationship formation in child-robot interaction – Supervisors: Ruud Hortensius, Evelien Heijse-laar & Tibor Bosse – Grade average: 8.9/10

2017 – 2020

B.Sc. Psychology

PFH GÖTTINGEN · Göttingen, Germany 📍

Thesis: Voice assistants' response strategies to sexual harassment and their relation to gender – Supervisors: Verena Rieser & Stephan Weibelzahl – Grade average: 1.1/6

Experience

Nov 2022 – Jun 2023

Medior UX Researcher & Development Lead

CONNECTEDCARE R&D · Netherlands 📍

Developing, designing, and testing social robot solutions for health care

Jan 2022 – July 2022

Student Research Assistant

UTRECHT UNIVERSITY · Netherlands 📍

Stress in chronically-ill child-parent dyads using APIM; Conspiracy in AI – Supervisor: Reine van der Wal

Oct 2021 – Dec 2021

Research Assistant

UTRECHT UNIVERSITY · Netherlands 📍

Trust in AI-generated faces; Exposure to AI; Child-robot interaction – Supervisors: Ruud Hortensius & Baptist Liefhooge

SKILLS

Quant. methods	●	●	●
R	●	●	●
GitHub	●	●	●
Qualtrics	●	●	●
Gorilla	●	●	●
Qual. methods	●	●	●
Python	●	●	●
fNIRS	●	●	●
fMRI	●	●	●
ELAN	●	●	●

GRANTS

- 2022**
CONFERENCE GRANT
Radboud University
- 2021**
ERASMUS+
SCHOLARSHIP
Radboud University
- 2019**
DAAD RISE
SCHOLARSHIP

OUTREACH

- 2024**
R Ladies Panel Talk,
The role of sex and
gender in data
collection and analysis
- 2022**
Breinbrekker Festival,
Child-robot interaction
- 2021**
InScience Festival,
Child-robot interaction

PEER REVIEW

- ACM CHI 2024
International Journal
of Social Robotics

Jul 2021 – Sep 2021

Research Internship

INRIA PARIS · France 📍

Rapport in child-agent and child-child interaction – Supervisor: Justine Cassell

Oct 2019 – Jun 2021

Student Research Assistant

GERMAN CENTRE FOR UNIVERSITY AND SCIENCE RESEARCH (DZHW) · Germany 📍

Team science and collaboration problems in research collaborations – Supervisor: Malte Hueckstaedt

Jun 2019 – Aug 2019

Research Internship

SOCIAL BRAIN IN ACTION LAB, UNIVERSITY OF GLASGOW · UK 📍

Theory of mind using fMRI and fNIRS – Supervisor: Emily Cross, Anna Henschel

Publications

Leisten, L. M., Heyselaar, E., Bosse, T., & Hortensius, R. (2024). Children's Reciprocity and Relationship Formation With a Robot Across Age. *Technology, Mind, and Behavior*, 5(2: Summer 2024). <https://doi.org/10.1037/tmb0000131>

van der Wal, R. C., Nijhof, S. L., **Leisten, L. M.**, van de Putte, E. M., van der Ent, C. K., Hindriks-Keegstra, A. W., ... & Nap-van der Vlist, M. M. (2024). A dyadic perspective on parent-child dyadic coping in children with a chronic condition. *Journal of Psychosomatic Research*, 111668. <https://doi.org/10.1016/j.jpsychores.2024.111668>

Hückstädt, M. & **Leisten, L. M.** (2024). Internal factors promoting research collaboration problems: an input-process-output analysis. *Scientometrics*. <https://doi.org/10.1007/s11192-024-04957-w>

Liefoghe, B., Oliveira, M. J. B., **Leisten, L. M.**, Hoogers, E., Aarts, H., & Hortensius, R. (2023). Faces Merely Labelled as Artificial are Trusted Less. *Collabra: Psychology*, 9 (1): 73066. <https://doi.org/10.1525/collabra.73066>

Leisten, L. M., & Rieser, V. (2021). "I Like You, as a Friend": Voice Assistants' Response Strategies to Sexual Harassment and Their Relation to Gender. *FRIAS Human Perspectives on Spoken Human-Machine Interaction*. <https://doi.org/10.6094/UNIFR/223817>

Leisten, L. M., Findling, F., Bellinghausen, J., Kinatader, M., Probst, T., Lion, D., & Shibani, Y. (2021). The Effect of Nonlexical Verbal Signals on the Perceived Authenticity, Empathy and Understanding of a Listener. *The European Journal of Counselling Psychology*, 10(1), 1–7. <https://doi.org/10.46853/001c.27434>

Henschel, A., Kent, M., **Leisten, L. M.**, Seelemeyer, H., Timmerman, R., Hortensius, R., & Cross, E. S. (2020). A Manual to Digitising fNIRS Probes with Photogrammetry as Described in Clausner et al. (2017). *Zenodo*. <http://doi.org/10.5281/zenodo.4146985>