

MAIKE PAETZEL-PRÜSMANN

Researcher in Conversational AI & Human-AI Interaction

📍 Zurich, SWITZERLAND

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📄 maike-paetzel



EXPERIENCE

Associate Research Scientist

Disney Research, The Walt Disney Company

📅 Nov. 2022 – Sept 2024

📍 Zurich, Switzerland

- Designing and implementing dialogue systems for AI characters
- Assessing conversational quality in real-time, enhancing AI character interactions with guests
- Gaining deep actionable insights using mixed method user research methods

Postdoctoral Researcher

University of Potsdam

📅 Jan 2021 – Sept 2022

📍 Potsdam, Germany

- Using large language models to ease user interactions with industrial cobots
- Managing multinational academic project with industrial partners

PUBLICATIONS

Excerpt of recent & most influential articles

📄 Journal Articles

- A. Rossi, M. Paetzel-Prüsmann, M. Keijsers, et al., "The human in the loop - Perspectives and challenges for RoboCup 2050," *Autonomous Robots*, vol. 48, no. 2, 2024.
- M. Paetzel, G. Perugia, and G. Castellano, "The influence of robot personality on the development of uncanny feelings," *Computers in Human Behavior*, vol. 120, 2021.

👥 Conference Proceedings

- M. Paetzel-Prüsmann, J. F. Lehman, C. J. Gomez, and J. Kennedy, "An Automatic Evaluation Framework for Social Conversations with Robots," in *Companion of the 2024 ACM/IEEE International Conference on Human-Robot Interaction*, 2024.
- M. Paetzel, G. Perugia, and G. Castellano, "The Persistence of First Impressions: The Effect of Repeated Interactions on the Perception of a Social Robot," in *Proceedings of the 2020 ACM/IEEE International Conference on Human-Robot Interaction*, 2020.
- M. Paetzel, R. Manuvinakurike, and D. DeVault, "'So, which one is it?' The effect of alternative incremental architectures in a high-performance game-playing agent," in *Proceedings of the 16th Annual Meeting of the Special Interest Group on Discourse and Dialogue*, 2015.

EDUCATION

Ph.D. in Computer Science

Uppsala University, Sweden

📅 Aug 2015 – Oct 2020

Thesis title: The Novelty in the Uncanny – Designing Interactions to Change First Impressions

M.Sc. in Computer Science

University of Hamburg, Germany

📅 Apr 2013 – Jul 2015

B.Sc. in Computer Science

University of Hamburg, Germany

📅 Oct 2010 – Aug 2013

SKILLS

Programming

Python Java Kotlin C# SQL

AI & Natural Language Processing

LLM TensorFlow NLTK Sentiment

Data Science

R TidyVerse

User Experience Research

Survey design Interviews Eye Tracking

Focus Groups Participatory Design

ACHIEVEMENTS



TAHRI Best Presentation Award

International Symposium on Technological Advances in Human-Robot Interaction, Boulder, Colorado (2024)



Silvia Coradeschi Award

Young female RoboCup student with distinguishing research (2016)



SigDial Best Paper Award

16th Annual SIGdial Meeting on Discourse and Dialogue, Prague, Czech Republic (2015)