

# Minha Lee

Twitter - @minhappylee

✉ m.lee@tue.nl

## Current position

### Eindhoven University of Technology

*Assistant Professor, Future Everyday*

Industrial Design. Mentored by Panos Markopoulos.

**Eindhoven**

*August 2020–Current*

### Centrum Wiskunde and Informatica

*Affiliated researcher, Distributed and Interactive Systems*

Collaborating with Abdallah El Ali.

**Amsterdam**

*July 2022–Current*

## Education

### Eindhoven University of Technology

*Ph.D., Human-Technology Interaction*

Topic: Morally relevant interactions with technological agents. Supervised by Wijnand IJsselsteijn, Yvonne de Kort, and Lily Frank.

**Eindhoven**

*May 2016–August 2020*

### University of Southern California

*Research Visit, Institute of Creative Technologies*

Topic: Strategic Emotions. Supervised by Jonathan Gratch.

**Los Angeles**

*Sept. 2018–Dec. 2018*

### University of Amsterdam

*M.Sc. in Information Science: Human Centered Multimedia*

Main subjects: Intelligent interactive systems, knowledge engineering, internet information, mobile systems, big data (thesis at Hewlett-Packard NL)

**Amsterdam**

*Aug. 2012–Aug. 2013*

### Pratt Institute

*B.F.A. in Digital Arts with a minor in Art History*

Main subjects: Visual narrative, digital animation, programming for animators, 3D printing

**Brooklyn**

*Aug. 2008–June 2011*

### University of Minnesota, Twin cities

*B.A. in Philosophy*

Main subjects: Ancient Greek philosophy, analytic philosophy, aesthetics

**Minneapolis**

*Aug. 2007–Aug. 2008\**

\*Graduated in a year due to con-current college and high school enrollment through Minnesota's Post-Secondary Education Option (PSEO).

## Publications

- o Lee, M., Frank, L.E., de Kort, Y. and IJsselsteijn, W.A. (2022). Where is Vincent? Expanding our emotional selves with AI. In 4th Conference on Conversational User Interfaces (CUI 2022), July 26–28, 2022, Glasgow, United Kingdom.
- o Lee, M. and Contreras, J. (2022). Flourishing with Moral Emotions through Conversational Agents. In *Human Flourishing - A Multidisciplinary Perspective on Neuroscience, Health, Organizations and Arts*. Edited by Marc Grau Grau, Mireladas Heras, and Yasin Rofcanin. Springer open access. In Press.
- o Maeyer, C.D. and Lee, M. (2022). "I feel you". In HCSE Conference on Human-Centered Software Engineering, (HCSE '22), Eindhoven, the Netherlands.
- o Maeyer, C.D. and Lee, M. (2022). Democratizing health - Digital Twin in healthcare for citizens. In Weizenbaum Conference on Practicing Sovereignty: Interventions for Open Digital Futures, Berlin, Germany.
- o Bleakley, A., Rough, D., Roper, A., Lindsay, S., Porcheron, M., Lee, M., Nicholson, S., Cowan, B., and Clark, L. 2022. Exploring Smart Speaker User Experience for People Who Stammer. In The 24th International ACM SIGACCESS Conference on Computers and Accessibility (ASSETS '22), October 23–26, 2022, Athens, Greece.
- o Lee, M., Sin, J., Laban, G., Kraus, M., Clark, L., Porcheron, M., ... and Candello, H. (2022, April). Ethics of Conversational User Interfaces. In CHI Conference on Human Factors

in Computing Systems Extended Abstracts. (CHI '22). ACM, April 30 - 5 May 2022, New Orleans, LA.

- **Lee**, M., Leal, D. D. C., Krüger, M., Strohmayer, A., and Zaga, C. (2021). Activated: Decentering activism in and with academia. In Companion Publication of the 2021 Conference on Computer Supported Cooperative Work and Social Computing (Online Virtual Conference).
- Porcheron, M., **Lee**, M., Nettet, B., Guribye, F., van der Goot, M., K Moore, R., ... and Følstad, A. (2022). Definition, conceptualisation and measurement of trust. *Dagstuhl Reports*, 11(8), 101-105.
- Laban, G., Le Maguer, S., **Lee**, M., Kontogiorgos, D., Reig, S., Torre, I., Teiwani, R., Dennis, M. J. and Pereira, A. (2022) Robo-Identity: Exploring Artificial Identity and Emotion via Speech Interactions. In 2022 ACM/IEEE International Conference on Human-Robot Interaction (HRI '22), Sapporo, Japan, 07-10 Mar 2022, pp. 1265-1268.
- Zaga, C., Lupetti, M. L., Cila, N., **Lee**, M., Huisman, G., Fosch Villaronga, E. (2022). Diversity Equity and Inclusion in Embodied AI: Reflecting on and Re-imagining our Future with Embodied AI. Design Engineering: Digital Society Institute.
- **Lee**, M., Lucas, G., and Gratch, J. (2021). Comparing mind perception in strategic exchanges: Human-agent negotiation, dictator and ultimatum games. *Journal of Multimodal User Interfaces*.
- **Lee**, M., Lucas, G., and Gratch, J. (2021). Comparing mind perception in strategic exchanges: Human-agent negotiation, dictator and ultimatum games. *Journal of Multimodal User Interfaces*.
- **Lee** Kolkmeier, J., Heylen, D., and IJsselsteijn, W.A. (2021) Who makes your heart beat? What makes you sweat? Social conflict in virtual reality for educators. *Frontiers in Psychology: Human-Media Interaction*.
- **Lee**, M., Frank, L.E., and IJsselsteijn, W.A. (2021). A cryptocurrency chatbot in the social-technical gap of trust. *Journal of Computer Supported Cooperative Work*.
- **Lee**, M., Noortman, R., Zaga, C., Starke, A., Huisman, G., and Andersen, K. (2021). Conversational futures: Emancipating conversational interactions for futures worth wanting. *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)*. ACM, 8-13 May 2021, Yokohama, Japan (Online Virtual Conference).
- **Lee**, M., P.A.M. Ruijten, Frank, L.E., de Kort, Y.A.W., and IJsselsteijn, W.A. (2021). People may punish, not blame, robots. *Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI '21)*. ACM, 8-13 May 2021, Yokohama, Japan (Online Virtual Conference).
- **Lee**, M. (2020, July). Speech acts redux: Beyond request-response interactions. *Proceedings of the 2nd Conference on Conversational User Interfaces (CUI '20)*, July 22–24, 2020, Bilbao, Spain.
- **Lee**, M., Lucas, G., Mell, J., Johnson, E., and Gratch, J. (2019). What's on Your Virtual Mind? Mind Perception in Human-Agent Negotiations. *Proceedings of the 19th International Conference on Intelligent Virtual Agents (IVA '19)*. ACM, 2-5 July 2019, Paris, France
- **Lee**, M., Ackermans S., van As., N, Chang, H., Lucas, E., and IJsselsteijn, W.A. (2019). Caring for Vincent: A Chatbot for Self-Compassion. *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19)*. ACM, 4-9 May 2019, Glasgow, Scotland
- **Lee**, M. and IJsselsteijn, W.A. (2019) "Be Proud of the Bot that You Are!": From a Chatbot Therapist to a Chatbot Patient. *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19)*. ACM, 4-9 May 2019, Glasgow, Scotland.
- **Lee**, M., Frank, L.E., and IJsselsteijn, W.A. (2019) Exploring Compassion through HCI. *Extended Abstracts of the 2019 CHI Conference on Human Factors in Computing Systems (CHI '19)*. ACM, 4-9 May 2019, Glasgow, Scotland.
- Heron, L\*, Kim, J\*, **Lee**, M\*, El Haddad\*, K., Dupont, S., Dutoit, T., and Truong, K. (2018, May). A dyadic conversation dataset on moral emotions. *Proceedings of the 13th IEEE International Conference on Automatic Face & Gesture Recognition (FG '18)*. IEEE, 15-19 May 2018, Xi'an, China (\*Contributed equally).
- **Lee**, M., Kim, J., Truong, K., de Kort, Y.A.W., Beute, F. and IJsselsteijn, W.A. (2017). Exploring moral conflicts in speech : multidisciplinary analysis of affect and stress. *Seventh Interna-*

tional Conference on Affective Computing and Intelligent Interaction, 23-26 October 2017, San Antonio, Texas.

- **Lee**, M., Frank, L.E., Beute, F., de Kort, Y.A.W. and IJsselstein, W.A. (2017). Bots mind the social-technical gap. Proceedings of 15th European Conference on Computer-Supported Cooperative Work, 28 August - 1 September 2017, Sheffield, United Kingdom.
  - Kolkmeier, J., **Lee**, M. and Heylen, D. (2017). Gaze and moral conflicts in VR : university employees address grade disputes with a virtual trainer. Proceedings of the 17th International Conference on Intelligent Virtual Agents, 27-30 August 2017, Stockholm, Sweden.
  - Lopez, A., Ratni, A., Trong, T.N., Olaso, J.M., Montenegro, S., **Lee**, M., Haider, F., Schlogl, S., Chollet, G., Jokinen, K., Petrovska-Delacretaz, D., Sansen, H. and Torres, M.I. (2016). Lifeline dialogues with Roberta. Proceedings of the FETLT 2nd International Workshop on Future and Emerging Trends in Language Technologies, Machine Learning and Big Data, 30 November - 2 December 2016, Seville, Spain. Dordrecht: Springer.
  - **Lee**, M., Schlogl, S., Montenegro, S., Lopez, A., Trong, T.N., Olaso, J.M., Haider, F., Chollet, G., Jokinen, K., Petrovska-Delacretaz, D., Sansen, H. and Torres, M.I. (2017). First time encounters with Roberta: A humanoid assistant for conversational autobiography creation. CTIT Proceedings of the University of Twente.
- \* Papers under review are available upon request.

## Grants and awards

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- Eindhoven Engine – WE CARE: Warm Eindhoven Care Assistance Responsible Engineering. (486,667 EUR). **Lee**, M. and Brankaert, R. 2022
- Alzheimer Nederland Personal Grant - Compassionate Conversations: Enhancing the Quality of Life with a Conversational Agent for Dementia Care. (299,498.25 EUR). **Lee**, M. 2022
- 4TU.NIRICT Diversity, Equity and Inclusion (DEI) funding scheme: Promoting inclusive development of embodied AI in the 4TU. (13,500 EUR). Zaga, C., Cila, N., Lupetti, M.L., **Lee**, M., Huisman, G. 2021
- TU/e Diversity Fund project: PLURAL for promoting diversity and inclusivity at TU/e (5,000 EUR). **Lee**, M. and Tur, E. M. 2021
- Seed Fund: Empowering Consumers through Intelligible Contracts in the New Energy Era (50,000 EUR) Baaij, J. (UU), **Lee**, M., Van Scahgen, E. (UU), Starke, A. (WUR), Yoo, D. (TU/e). 2021
- Seed Fund: Tomorrow's Value Conflicts. (50,000 EUR). Dennis, M. (TU/e), Frank, L. E. (TU/e), **Lee**, M., Blok, V. (WUR), Kraaijeveld, S. (WUR), Nyholm, S. (UU), Zhang, C. (UU). 2022
- Margins conference: Speaker on compassion. Travel grant (300 GBP). **Lee**, M. 2019
- Intelligent Virtual Agents conference: Student travel grant (950 USD). **Lee**, M. 2019
- Conversational User Interface conference: Student travel grant (500 EUR). **Lee**, M. 2019
- Turing Institute workshop on Responsible Human Machine Teaming: travel grant (150 GBP). **Lee**, M. 2019
- Dagstuhl seminar on Software engineering and bots: Invitation and travel grant (450 EUR). **Lee**, M. 2019
- Excellence in Academic Achievement Award. Pratt Institute. **Lee**, M. 2011
- Barrett Endowed Scholar: Teaching Assistant. Pratt Institute. (2,000 USD). **Lee**, M. 2010-2011
- Pratt Institute Merit Scholarship (40,000 USD). **Lee**, M. 2008-2011

## Workshops and events

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- CUI@CSCW on Collaborating through Conversational User Interfaces (CSCW 2021)
- CUI@IUI: Theoretical and Methodological Challenges in Intelligent Conversational User Interface Interactions (IUI 2021)
- Lead organizer - Robo-Identity: Exploring Artificial Identity and Multi-Embodiment (HRI 2021)
- Lead organizer - Activated: Decentering Activism in and with Academia A CSCW Workshop (CSCW 2021) 2022

- o Lead organizer - CUI@CHI: Ethics of Conversational User Interfaces (CHI 2022)
- o Robo-Identity: Exploring Artificial Identity and Multi-Embodiment (HRI 2022)
- o 2021 4TU symposium - Vulnerability in Evaluating Human-Computer Interaction
- o 2021 4TU winter school – organizing day 5 – Diversity and Bias in AI

## Lectures and invited talks

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- o Online – Second order Emotions - Siegen (Germany). 2020
- o Online - Autonomous Cars and AI - Sunmoon University (Korea). 2021
- o Online -Interactional Morality- Bristol University (UK). 2021
- o Online – Second order Emotions - Twente (NL) "Philosophy of Human-Technology Relations" - Philosophy department at the University of Twente. 2021
- o In person - on emotions and robots - Eindhoven - MU Art Space. 2021
- o In person – The Social-Technical Gap of Trust - Dagstuhl Seminar 21381 Conversational Agent as Trustworthy Autonomous System (Trust-CA). 2021
- o Online – Second order Emotions - HCI group University College Dublin. 2022
- o In person - Second order Emotions - Design Fest Ghent. 2022
- o Online - Collaborative Mind Perception - Keynote at the Brazilian Software Development Conference. 2022
- o Online – Centre for Unusual Collaborations on Interdisciplinary Research. 2022
- o Online - Compassionate Conversations – CWI - Amsterdam. 2022
- o Online – Mind perception and compassion - Ethics of Technology Early-career Group - University of Vienna. 2022
- o In person – lecture on Ethics, moral mirror, and Vincent- User Experience Design course - Tilburg University. 2022

## Committees and leadership

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- o ID Faculty committee. 2022 onward
- o TU/e Diversity and Inclusion committee. 2022 onward
- o Conversational User Interface conference: General co-chair. 2023
- o CHI Social Justice Event co-chair. 2022
- o DIS Diversity and Inclusion Award co-chair. 2021-2022
- o Conversational User Interface conference: Full papers co-chair. 2021
- o Conversational User Interface conference: Provocation papers co-chair. 2020
- o Blockchain and cryptocurrency meetups in Eindhoven: Co-organizer and speaker. 2018-onward
- o Writing retreat for PhD students in the 4TU network: Organizer. 2017
- o Morality as Cooperation symposium at TU/e: Co-organizer. 2017
- o PhD School for the 4TU network (Technical universities of the Netherlands): Co-organizer. 2016
- o President of DIGIT, a digital arts club at Pratt Institute. 2010-2011

## Reviewing experience

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TOCHI, CHI, OzCHI, TEI, CSCW, ECSCW, IMWUT (PACM on Interactive, Mobile, Wearable and Ubiquitous Technologies), DRS, Frontiers in Psychology, section Human-Media Interaction, Empirical Software Engineering.

## Prior Industry Experience

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### Teach 'n Go - EdTech startup

*Freelance Growth Hacker,*

### Zazzy - 3D printed Jewelry startup

*Growth Analyst,*

### Samsung and Cheil Benelux

*Data Strategist,*

### Remote

*Nov. 2015–Feb. 2016*

### Amsterdam

*Nov. 2014–Sept. 2015*

### Delft and Amsterdam

*Dec. 2013–Oct. 2014*

**Museumtickets.nl**

*Marketing Consultant - contract hire,*

**Hewlett-Packard**

*Personal Big Data Intern,*

**Amsterdam**

*Aug. 2013–Nov. 2013*

**Amstelveen**

*Mar. 2013–August 2013*