



Enrico Liscio

PhD researcher

Personal Details

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Personal Description

I truly believe that AI is an outstanding technology that can and must be used to help society progress. So that is what I set out to do: **research and develop** AI that can support us in better understanding each other. And I enjoy **divulging** it with [videos](#) for lay-people. Furthermore, as an actor and board member of an improvisational theatre association, I learned **organizational** and **communication** skills. Curiosity keeps me alive: **learning** something new brightens my days.

Working Experience

- 2024–present **Postdoctoral researcher**, *TU Delft & University of Amsterdam*, Understand how morality and human values are portrayed in media.
- 2020–2024 **PhD researcher**, *TU Delft*, Context-Specific Value Inference via Hybrid Intelligence: NLP methods to guide AI agents to estimate human values in a human-AI society.
- 2022 **Visiting PhD researcher**, *IIIA-CSIC and University of Barcelona*, International cross-topic collaboration to lay out the foundations of value inference in sociotechnical systems (see AAMAS '23 publication). Sponsored by TAILOR Connectivity fund.
- 2017–2020 **Technical Lead & Deep learning developer**, *Fizyr*, Delft RoboValley, development of deep learning vision algorithms for the automation and logistics industry.
- 2016–2017 **Graduate intern**, *Heemskerk Innovative Technology*, Delft RoboValley, development of autonomous robotic grasping of objects in cluttered environments.

Education

- 2020–2024 **Cum laude PhD**, *TU Delft*.
Interactive Intelligence group, Intelligent Systems department

- 2015–2017 **Cum laude MSc**, *TU Delft*, *Final grade: 9/10*.
Systems and Control (with the Robotics Institute Excellence Scholarship)
- 2012–2015 **Cum laude BSc**, *Università degli studi di Bologna*, *Final grade: 110L/110*.
Automation Engineering

Publications

- 2024 J. Park*, **E. Liscio***, P.K. Murukannaiah. [Morality is Non-Binary: Building a Pluralist Moral Sentence Embedding Space using Contrastive Learning](#). In *Findings of EACL '24, St. Julian's, Malta*, ACL, 654-673.
- 2024 R. Lera-Leri, **E. Liscio**, F. Bistaffa, C.M. Jonker, M. Lopez-Sanchez, P.K. Murukannaiah, J.A. Rodriguez-Aguilar, F. Salas-Molina. [Aggregating Value Systems for Decision Support](#). In *Knowledge-Based Systems*, 287, 111453.
- 2024 M. van der Meer, **E. Liscio**, C.M. Jonker, A. Plaat, P. Vossen, P.K. Murukannaiah. [A Hybrid Intelligence Method for Argument Mining](#). In *Journal of Artificial Intelligence Research*, 80, 1187-1222.
- 2023 **E. Liscio**, O. Araque, L. Gatti, I. Constantinescu, C.M. Jonker, K. Kalimeri, P.K. Murukannaiah. [What does a Text Classifier Learn about Morality? An Explainable Method for Cross-Domain Comparison of Moral Rhetoric](#). In *ACL '23, Toronto, Canada*, ACL, 14113-14132.
- 2023 **E. Liscio**, R. Lera-Leri, F. Bistaffa, R.I.J. Dobbe, C.M. Jonker, M. Lopez-Sanchez, J.A. Rodriguez-Aguilar and P.K. Murukannaiah. [Value Inference in Sociotechnical Systems: Blue Sky Ideas Track](#). In *AAMAS '23, London, UK*, IFAAMAS, 1774-1780.
- 2023 **E. Liscio**, R. Lera-Leri, F. Bistaffa, R.I.J. Dobbe, C.M. Jonker, M. Lopez-Sanchez, J.A. Rodriguez-Aguilar and P.K. Murukannaiah. [Inferring Values via Hybrid Intelligence: Poster Track](#). In *HHAI '23, Munich, Germany*, IOS Press, 373-378.
- 2023 **E. Liscio**, O. Araque, L. Gatti, I. Constantinescu, C.M. Jonker, K. Kalimeri, P.K. Murukannaiah. [Tomea: an Explainable Method for Comparing Morality Classifiers across Domains](#). In *BNAIC '23, Delft, the Netherlands*, 1-4.
- 2022 **E. Liscio**, M. van der Meer, L.C. Siebert, C.M. Jonker, and P.K. Murukannaiah. [What Values Should an Agent Align with? An Empirical Comparison of General and Context-Specific Values](#). *Autonomous Agents and Multiagent Systems*, 36(23):32.
- 2022 **E. Liscio**, A.E. Dondera, A. Geadău, C.M. Jonker, and P.K. Murukannaiah. [Cross-Domain Classification of Moral Values](#). In *Findings of NAACL '22, Seattle, USA*, ACL, 2727-2745, **[Reproducibility badge (top 3%)]**.
- 2022 **E. Liscio**, C.M. Jonker, and P.K. Murukannaiah. [Identifying Context-Specific Values via Hybrid Intelligence: Poster Track](#). In *HHAI '22, Amsterdam*, IOS Press, 298-301, **[Best poster award]**.
- 2022 M. van der Meer, **E. Liscio**, C.M. Jonker, A. Plaat, P. Vossen, and P.K. Murukannaiah. [HyEnA: A Hybrid Method for Extracting Arguments from Opinions](#). In *HHAI '22, Amsterdam*, IOS Press, 17-31, **[Best paper award]**.
- 2022 L.C. Siebert, **E. Liscio**, P.K. Murukannaiah, L. Kaptein, S.L. Spruit, J. van den Hoven, and C.M. Jonker. [Estimating Value Preferences in a Hybrid Participatory System](#). In *HHAI '22, Amsterdam*, IOS Press, 114-127, **[Best paper award finalist]**.

- 2021 **E. Liscio**, M. van der Meer, L.C. Siebert, C.M. Jonker, N. Mouter, and P.K. Murukannaiah. [Axies: Identifying and Evaluating Context-Specific Values](#). In AAMAS '21, Online, IFAAMAS, 799-808.
- 2021 **E. Liscio**, M. van der Meer, C.M. Jonker, and P.K. Murukannaiah. [A Collaborative Platform for Identifying Context-Specific Values: Demonstration Track](#). In AAMAS '21, Online, IFAAMAS, 1773-1775.

Awards

- 2022 **TAILOR Connectivity Scholarship**, *Research visit scholarship*, EU Horizon 2020.
- 2022 **Best Paper Award**, HHAI '22.
- 2022 **Best Poster Award**, HHAI '22.
- 2015–2017 **Excellence Scholarship**, *TU Delft Robotics scholarship*, Robotics institute.
- 2011–2014 **Excellence Scholarship**, *ENASARCO scholarship*, ENASARCO.

Invited Talks

- 2024 **Natural Language Processing for (un)structured Data Analysis**, *Red Cross 510*, the Hague.
- 2023 **The Impact of AI on Architecture**, *BNA (Dutch National Architect Association) Architect Day*, Amsterdam.
- 2023 **Understanding Humans' Values in a Human-AI Society**, *TAILOR WP3 Workshop*, European Network for Trustworthy Artificial Intelligence, online.
- 2022 **Estimating Context-Specific Values from Natural Language**, *NCSU AI in Society*, North Carolina, USA [[video](#)].
- 2021 **Estimating Human Values from Language**, *IIIA-CSIC*, Barcelona [[video](#)].

Reviewer

- 2024 **AAMAS '25, ARR 06/24, C-MAS '24, EXTRAAMAS '24**,.
- 2023 **AAMAS '24, ARR 10-12/23, DWMV '24, ACM Comp. Surv., Inf. Syst. Front.**
- 2022 **AAMAS '23 (Blue Sky Ideas Track), AIES '23, ECAI '23, VALE '23**.

Teaching

- 2022-2024 **Introduction to Artificial Neural Networks**, *Part of the CSE2530 Computational Intelligence course in the BSc Computer Science*, TU Delft.

Conferences

- 2024 **EACL, EDDY**, *Lead author and presenter*.
- 2023 **ACL, AAMAS, BNAIC**, *Lead author and presenter*.
- 2022 **NAACL, HHAI**, *Lead author and presenter*.
- 2021 **AAMAS**, *Lead author and presenter*.

Organization

- 2023-current **Deliberation and Argumentation seminar series**, Co-organizer, HI Consortium.
2023-current **Citizen-Centric AI Systems seminar series**, Co-organizer, CCAIS.
2020 **BNAIC '20**, Volunteer, Online.

Expertise

NLP	●●●●○	Linux	●●●●○	Illustrator	●●●○○
Ethics	●●●○○	Python	●●●●○	InDesign	●●●●○
XAI	●●●○○	PyTorch	●●●○○	L ^A T _E X	●●●●○

Languages

Italian	Mothertongue	
English	IELTS Certificate - 7.5/9	<i>Professionally fluent - C1 level</i>
Dutch	Delftse Methode Advanced 2	<i>Independent user - B2 level</i>
French	Diplôme d'études en langue française (DELF)	<i>Can understand and speak - B1 level</i>

Extra-Curricular Activities

- 2024–current **Dad**, home, frontline.
2021–2024 **Volleyball**, Inter Rijswijk, player.
2015–2020 **Improvisational theater**, Delft Improv Group, improviser.
2016–2018 **Board member**, Delft Improv Group, chairman.
2016–2018 **Volleyball/Basketball**, D.S.V.V. Punch, player.
2016 **Coach**, TU Delft, introducing new students to the university.