Dr. Milagros Miceli

CONTACT INFORMATION	Berlin, Germany Buenos Aires, Argentina	**Email:** m.miceli@tu-berlin.de **Site:** milamiceli.com

EDUCATION	**Technische Universität Berlin**, Germany Doctor Ing. in Computer Science Dissertation: "Whose Truth? Power, Labor, and the Production of Ground-Truth Data" *summa cum laude*	2022
	Humboldt-Universität zu Berlin, Germany Master of Arts in Social Sciences Thesis: "Data Labeling Work between Subjectivity and Standardization" *Grade: 1.5 (sehr gut) / A*	2019
	Universidad de Buenos Aires, Argentina Sociology (visiting student)	2017
	Universität der Künste Berlin, Germany Bachelor of Arts in Communication in Social and Economic Contexts	2014
	Universidad de Buenos Aires, Argentina Communication Science (incomplete)	2005

RESEARCH EXPERIENCE	**Weizenbaum Institute for the Networked Society** Data, Algorithmic Systems, and Ethics *Research Group Lead*	2022-Present
	The Distributed AI Research Institute (DAIR) *Researcher*	2022-Present
	Technische Universität Berlin Criticality of AI-Based Systems *Doctoral Researcher*	2019-2022
	Weizenbaum Institute for the Networked Society *Research Assistant*	2018-2019

FURTHER WORK EXPERIENCE	**WoodUp UG** *Co-Founder*	2013-2017
	Amauta Language School *Program Coordinator*	2009-2010
	IBL Language School *Student Services Coordinator*	2006-2009
	Freelance *Photographer*	2002-2006

AWARDS	**Best Paper Award** ACM Conference on on Fairness, Accountability, and Transparency (FAccT'22)	2022
	Impact Award ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22)	2022

	Methods Recognition	2022

Methods Recognition   2022
ACM Conference on Computer-Supported Cooperative Work and Social Computing
(CSCW'22)

Honorable Mention   2022
ACM Conference on Computer-Supported Cooperative Work and Social Computing
(CSCW'22)

Best Paper Award   2020
ACM Conference on Computer-Supported Cooperative Work and Social Computing
(CSCW'20)

GRANTS   **ENCORE - European Microworkers Communication and Outreach**   2022
European Parliament Fund $14900

SIGCHI Development Fund   2022
Association for Computing Machinery (ACM) $5000

REFEREED PAPERS   Scott, K., Wang, S.M., Artemenko, M., **Miceli, M.**, Berendt, B. (202). "We try to empower them" – Exploring Future Technologies to Support Migrant Jobseekers. *Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2023)*

Alvarado García, A., Wong-Villacres, M., **Miceli, M.**, Hernández, B., Le Dantec, C. (*Forthcoming* 2023). "Mobilizing Social Media Data: Reflections of a Researcher Mediating between Data and Organization." *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)*

Miceli, M., Posada, J. (2022). "The Data-Production *Dispositif*." *Proceedings of the ACM on Human-Computer Interaction (CSCW 2022)*
Impact Award, Methods Recognition, Honourable Mention

Miceli, M., Yang, T., Alvarado García, A., Posada, J., Wang, S.M., Pohl, M., Hanna, A. (2022). "Documenting Data Production: A Participatory Approach for Data Work." *Proceedings of the ACM on Human-Computer Interaction (CSCW2022)*

Scott, K., Wang, S.M., **Miceli, M.**, Delobelle, P., Sztandar-Sztanderska, K., Berendt, B. (2022). "Algorithmic Tools in Public Employment Services: Towards a Jobseeker-Centric Perspective." *Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2022)*
Best Paper Award

Miceli, M., Posada, J., Yang, T. (2022). "Studying Up Machine Learning Data: Why Talk About Bias When We Mean Power?" *Proceedings of the ACM on Human-Computer Interaction 6 (GROUP 2022-2023)*

Miceli, M., Yang, T., Naudts, L., Schuessler, M., Serbanescu, D., Hanna, A. (2021). "Documenting Computer Vision Datasets: An Invitation to Reflexive Data Practices." *Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2021)*

Miceli, M., Yang, T., Schuessler, M. (2020). "Between Subjectivity and Imposition. Power Dynamics in Data Annotation for Computer Vision." *Proceedings of the ACM on Human-Computer Interaction 4 (CSCW 2020).*
Best Paper Award

Kazimzade, G., **Miceli, M.** (2020). "Not Just For-Profit. Towards Ethics-Oriented Data Labeling Practices." *Ethics of Data Science Conference 2020.* University of Sydney.

Kazimzade, G., **Miceli, M.** (2020). "Biased Priorities, Biased Outcomes: Three Recommendations for Ethics-oriented Data Annotation Practices." . *Proceedings of the 2020 AAAI/ACM Conference on AI, Ethics, and Society (AIES '20).*

BOOK CHAPTERS
Yang, T., Wang, S., **Miceli, M.** (*Forthcoming* 2023). "Labour and Exploitation in AI Production," in E. Carmel, J. Cobbe, R. Paul (eds.), *Handbook on AI and Public Policy.*

Posada, J., Newlands, G., **Miceli, M.** (*Forthcoming* 2023). "Labor, Automation, and Human-Machine Communication," in A. L. Guzman, R. McEwan, S. Jones, (eds.), *SAGE Handbook of Human-Machine Communication*, London: SAGE.

Posada, J., **Miceli, M.** (*Forthcoming* 2023). "A Question of Power: How Meanings are Ascribed to Machine Learning Data," in E. Wahal, A. A. Casilli, (eds.), *The Other Side of Robots*, Milan: Feltrinelli Editore.

PRE-PRINTS
Kröger, J.L., **Miceli, M.**, Müller, F (2021). "How Data Can Be Used Against People: A Classification of Personal Data Misuses" *Social Science Research Network*

PUBLIC WRITING
Miceli, M., Yang, T. (2023). "The Performativity of Ground Truth Data"
unthinking.photography [Forthcoming]

Williams, A., **Miceli, M.,** Gebru, T. (2022). "The Exploited Labor Behind Artificial Intelligence"
Noema Magazine

Miceli,M., Posada, J. (2022). "How to analyze power in data production for machine learning"
SRI Blog. Schwarz Reisman Institute for Technology and Society

Miceli, M., Schuessler, M. (2021). "Data Annotation for Computer Vision: How Power Shapes Datasets and Systems"
ML2R Blog

POSTER ABSTRACTS
Miceli, M. (2020). "Making Data, Making Rality. Power, Visibility, and the Production of Datasets for ML" *ACM Celebration of Women in Computing (WomENcourage '20)*

PEER-REVIEWED WORKSHOP ARTICLES
Miceli, M, Alvarado, A., Posada, J., Yang, T. (2021) "Co-Designing a Framework to Document Machine Learning Data Production." *The Global Labours of AI and Data Intensive Systems. ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'21)*

Posada, J., **Miceli, M** (2021) "The Data Poduction *Dispositif.* Power/Knowledge in Data Work for ML" *The Global Labours of AI and Data Intensive Systems. ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'21)*

Delobelle, P., Scott, K.M., Wang, S.M., **Miceli, M.**, Hartmann,D., Yang,T., Murasso,H., Sztandar-Sztanderska,K., Berendt, B. (2021) "Time to Question if We Should: Data-Driven and Algorithmic Tools in Public Employment Services." *International Workshop on Fair, Effective and Sustainable Talent Management Using Data Science (FEAST'21)*

Miceli, M., Posada, J. (2021). "Wisdom *for* the Crowd: Discursive Power in Annotation Instructions for Computer Vision," in T. Gebru, E. Denton, (eds.), *CVPR 2021 Workshop: Beyond Fairness: Towards a Just, Equitable, and Accountable Computer Vision*

Miceli, M., Schuessler, M., Yang,T. (2020) "Towards Reflexive Documentation of Datasets for ML." *Beyond Checklist Approaches to Ethics in Design Workshop. ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'20)*

Miceli, M., Schuessler, M., Yang,T. (2020) "Work Practices at the Intersection of Data Processing and ML Engineering." *Interrogating Data Science Workshop. ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'20)*

Miceli, M., Schuessler, M., Yang,T. (2020) "Sensemaking or Imposition? Power Dynamics in Practices of Data Annotation." *Workshop on Worker-Centered Design: Expanding HCI Methods for Supporting Labor. ACM Conference on Human Factors in Computing Systems (CHI'20)*

Kazimzade, G., **Miceli, M.** (2020) "Profit, Fairness, or Both? Setting Priorities in Data Annotation." *Workshop on Fair & Responsible AI. ACM Conference on Human Factors in Computing Systems (CHI'20)*

Miceli, M. (2019) "AI's Symbolic Power: Classification in the Age of Automation." *Workshop on Human-Centered Study of Data Science Work Practices. ACM Conference on Human Factors in Computing Systems (CHI'19)*

CONFERENCE PRESENTATIONS

"Documenting Data Production Processes" ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22.) November 2022

"The Data Poduction *Dispositif.*" ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22.) November 2022 (With J. Posada)

"The Data Poduction *Dispositif.* Power/Knowledge in Data Work for ML" *International Communication Association - ICA 2022.* Paris, France, June 2022 (With J. Posada)

"Power/Knowledge in Data Work for ML" *The Global Labours of AI and Data Intensive Systems.* ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW.) October 2021 (With J. Posada)

"Co-Designing a Framework to Document Machine Learning Data Production." *The Global Labours of AI and Data Intensive Systems.* ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW.) October 2021.

"Wisdom for the Crowd: Discursive Power in Annotation Instructions for Computer Vision." *Workshop: Beyond Fairness: Towards a Just, Equitable, and Accountable Computer Vision.* IEEE Conference on Computer Vision and Pattern Recognition (CVPR). June 2021 (With J. Posada)

"Power Relations in Machine Learning Annotation." *7th Annual Conference of the Canadian Association of Work and Labour Studies.* June 2021. (With J. Posada)

"Data Annotation Labor and the Politics of Data Creation for Machine Learning." *Conference on Politics and Ethics of Platform Labour: Learning from Lived Experiences.* Centre for Reserach in the Arts, Social Science and Humanities. University of Cambridge. April 2021 (With J. Posada)

"Documenting Computer Vision Datasets: An Invitation to Reflexive Data Practices." *ACM Conference on Fairness, Accountability, and Transparency (FAccT '21).* March 2021.

"A Question of Power: How Task Instructions Shape Training Data." *Second Symposium on Biases in Human Computation and Crowdsourcing.* November 2020. (With J. Posada)

"Between Subjectivity and Imposition: Power Dynamics in Data Annotation for Computer Vision." *ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'20).* October 2020 (With M. Schuessler)

"Making Data, Making Reality." *2020 ACM Celebration of Women in Computing (WomENcourage '20).* September 2020.

"Data Annotation Between Subjectivity and Imposition." *Ethical Innovation for Artificial Intelligence.* UCL-University of Toronto. July 2020 (With M. Schuessler).

INVITED TALKS AND PANELS	Keynote: Data Beyond Classification School (NoBias Summer School)	June 2023
	Panel: Fair and Responsible Crowdsourcing (CRAFT session at FAccT'23)	June 2023
	Keynote: Digital Justice Conference (German Society for Design Theory and Research)	June 2023
	Invited Talk: <A+> Alliance for Inclusive Algorithms	March 2023
	Panel: AI Labor (Stochastics Parrots Day)	March 2023
	Invited Talk: Just Tech talk series	February 2023
	Invited Talk: CRIMT / OBVIA Workshop	November 2022
	Panel: Rhodes Technology and Society Forum.	November 2022
	Invited Talk: AIES Edinburgh.	October 2022
	Panel: AIGLE conference	October 2022
	Panel: Data Labelling Working Group (AAPTI Institute).	November 2021
	Panel: Technische Universität Berlin.	February 2020
	Invited Talk: Mobius Labs. Berlin, Germany	July 2020
	Invited Talk: Data Science Meetup. Berlin, Germany	May 2019
LECTURES	Nexa Center for Internet and Society (Turin University)	June 2023
	Science of Intelligence (Technische Universität Berlin)	June 2023
	Technische Universität München	May 2023
	Universität Stuttgart	May 2023
	Universidad Torcuato Di Tella	April 2023
	University of California, Berkeley	April 2023
	Zurich University	March 2023
	DigiGov Winter School 2023 (University of Vienna)	February 2023
	Technische Universität Berlin.	January 2020
	BIFOLD Summer School.	June 2022
	NoBias Project.	June 2022
	DiPLab. Institute Polytechnique de Paris.	October 2020

MENTORSHIP AND SUPERVISION	*PhD Advisor*	2022-Present
	Technische Universität Berlin	
	Students:	
	• Tianling Yang	
	• Sonja Mei Wang	
	• Janina Zakrzewski	

	Master Thesis Advisor	2020-Present
	Technische Universität Berlin	

Students:
- Mouath Taamallah, Master of Science in Information Systems
- Ammar Zalek, Master of Science in Computer Science
- Tianling Yang, Master of Arts in Social Sciences

Mentor for International Students   2013–2014
Studium Generale, Universität der Künste Berlin

SERVICE   CONFERENCE AND WORKSHOP ORGANIZING

INDL-6 Conference. Berlin, Germany   October 2023

Weizenbaum Conference 2023. Berlin, Germany   June 2023

csv,conf, v7. Buenos Aires, Argentina   April 2023

"Tech and its Labours" Symposium. Berlin, Germany   February 2023

"Investigating Data Work Across Domains"   April 2022
ACM CHI (With K. Pine, C. Bossen, N. Møller, A. Lu, Y. Chen, L. Horgan, Z. Su, G. Neff, M. Mazmanian)

"Crossing Data: Building Bridges with Activist and Academic Practices from and for Latin America"   April 2022
ACM CHI (With A. Alvarado García, I. Feldfeber, S. Mobayed, H. Suárez Val)

"Co-Designing Data Documentation with Data Workers"   November 2021
Online. (With A. Alvarado García, J. Posada, T. Yang)

"Diseño Participativo de Documentación con Trabajadorxs de Datos"   October 2021
Online. (With A. Alvarado García, J. Posada, T. Yang)

"Workshop on Data-Driven and Algorithmic Tools in Public Employment Services" May 2021
Online. (With B. Berendt, P. Delobelle, D. Hartmann, E. Murasso, K. Scott, S. Wang)

"AI Explainathon"   March 2019
AI Innovation Camp, STATE Studio and Kompetenzzentrum für Kultur- und Kreativwirtschaft. Berlin, Germany (With G. Kazimzade, M. Schuessler, D. Serbanescu)

"AI Workshop for Kids"   January 2019
Deutsche Telekom, Berlin, Germany (With S. Druga, G. Kazimzade, M. Schuessler, D. Serbanescu, M. Thomas)

"AI Workshop for Families"   February 2019
REDI School, Berlin, Germany (With G. Kazimzade, M. Schuessler, D. Serbanescu, M. Thomas)

PEER REVIEWING

ACM Conference on Human Factors in Computing Systems (CHI)   2021-Present

ACM Computer-Supported Cooperative Work And Social Computing (CSCW)   2021-Present

ACM Conference on Designing Interactive Systems (DIS)   2022-Present

Engaging Science, Technology, and Society (ESTS)   2023

Behaviour & Information Technology (Journal)   2022

COMPUTING   NVivo, MAXQDA, Dedoose, SPSS, LaTeX, EndNote, Zotero.

LANGUAGES	Spanish (Native), English (Fluent), German (Fluent), Italian (Intermediate), Portuguese (Beginner).

MEMBERSHIPS	Association for Computing Machinery (ACM)
	ACM Special Interest Group on Computer-Human Interaction (SIGCHI)
	International Communication Association (ICA)
	International Network on Digital Labour (INDL)
	Canadian Association for Work and Labour Studies (CAWLS)

CV Version: June 2023