

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” <i>summa cum laude</i> 2022 Humboldt-Universität zu Berlin , Germany Master of Arts in Social Sciences Thesis: “Data Labeling Work between Subjectivity and Standardization” <i>Grade: 1.5 (sehr gut) / A</i> 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 <i>Research Group Lead</i> 2022-Present The Distributed AI Research Institute (DAIR) <i>Researcher</i> 2023-Present The Distributed AI Research Institute (DAIR) <i>Research Fellow</i> 2022-2023 Technische Universität Berlin Criticality of AI-Based Systems <i>Doctoral Researcher</i> 2019-2022 Weizenbaum Institute for the Networked Society <i>Research Assistant</i> 2018-2019 Universität der Künste Berlin - Studium Generale <i>Mentor for International Students</i> 2013-2014	
FURTHER WORK EXPERIENCE	WoodUp UG <i>Co-Founder</i> 2013-2017 Amauta Language School <i>Program Coordinator</i> 2009-2010 IBL Language School <i>Student Services Coordinator</i> 2006-2009 Freelance <i>Photographer</i> 2002-2006	
AWARDS	100 Brilliant Women in AI Ethics Women in AI Ethics 2024	

	Best Paper Award	2022
	ACM Conference on Fairness, Accountability, and Transparency (FAccT'22)	
	Impact Award	2022
	ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22)	
	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	A Data Workers Inquiry	2023-24
	Ford Foundation (through DAIR)	\$350,000
	Voices from Online Labour: Inequalities in Digital Earning Activities across Countries	2023-27
	(w/ Paola Tubaro and Antonio Casilli)	
	French National Research Agency (ANR)	\$567,000
	ENCORE - European Microworkers Communication and Outreach	2022
	European Parliament Fund	\$14,900
	SIGCHI Development Fund	2022
	Association for Computing Machinery (ACM)	\$5,000
BOOKS	Mejías, U., McNealy, J., Miceli, M. (eds.) (<i>forthcoming 2025</i>). De Gruyter Handbook of Critical Data Studies.	
REFEREED PAPERS	Yang, T., Miceli, M. (under review). "Guilds as Worker Empowerment and Control in a Chinese Data Work Platform." <i>Proceedings of the ACM on Human-Computer Interaction (CSCW 2024)</i>	
	Alvarado García, A., Yang, T., Miceli, M. (under review). "What Knowledge Do We Produce from Social Media Data and How?." <i>Proceedings of the ACM on Human-Computer Interaction (CSCW 2024)</i>	
	Scott, K., Wang, S.M., Artemenko, M., Miceli, M. , Berendt, B. (2023). "We try to empower them" – Exploring Future Technologies to Support Migrant Jobseekers. <i>Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2023)</i>	
	Alvarado García, A., Wong-Villacres, M., Miceli, M. , Hernández, B., Le Dantec, C. (2023). "Mobilizing Social Media Data: Reflections of a Researcher Mediating between Data and Organization." <i>In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems (CHI '23)</i>	
	Miceli, M. , Posada, J. (2022). "The Data-Production <i>Dispositif</i> ." <i>Proceedings of the ACM on Human-Computer Interaction (CSCW 2022)</i>	
	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." <i>Proceedings of the ACM on Human-Computer Interaction (CSCW2022)</i>	

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 2024). “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.** (2023). “Labor, Automation, and Human-Machine Communication,” in A. L. Guzman, R. McEwan, S. Jones, (eds.), *SAGE Handbook of Human-Machine Communication*, London: SAGE.

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*

Williams, A., **Miceli, M.**,. “Data Work and its Layers of (In)Visibility” *Just Tech*

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 **Miceli, M.** (2020). “Making Data, Making Reality. 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 Research 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

Invited Talk: Machtasymmetrien und Arbeitsbedingungen in der Datenarbeit (LOOPS, UdK Berlin) February 2024

Panel: Platform work and AI (Global Conclave - IHD) January 2024

Invited Talk: She, He and It. Discussing AI and Journalism from a Global South Perspective. (Syrian Female Journalist Network) December 2023

Panel: AI and the future (and present) of work (ReDemocracIA) December 2023

Panel: Fair and Responsible Crowdsourcing (HCOMP'23) November 2023

Invited Talk: Harvest and Decay: A Weekend on Artificial Intelligence (Gropius Bau Berlin) November 2023

Panel: Critical Stances towards AI (Deutsches Haus, NYU) September 2023

Keynote: Data Beyond Classification (NoBias Summer School) June 2023

Panel: Fair and Responsible Crowdsourcing (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 (AAPT 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
GUEST LECTURES	University of Amsterdam	March 2024
	Viadrina University	November 2023
	John Carbot University	October 2023
	Yale University	October 2023
	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	<i>PhD Advisor</i>	2022-Present
	<ul style="list-style-type: none"> • Tianling Yang • Sonja Mei Wang • Janina Zakrzewski • Adio Dinika 	
	<i>Master Thesis Advisor</i>	2020-Present
	<ul style="list-style-type: none"> • Mouath Taamallah, Master of Science in Information Systems • Ammar Zalek, Master of Science in Computer Science • Tianling Yang, Master of Arts in Social Sciences 	
	<i>Mentor for International Students</i>	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: January 2024