

Dr. Milagros Miceli

CONTACT INFORMATION	Mommsenstraße 16 10629 Berlin, Germany Pacheco 3275 1431 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> 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> Universidad de Buenos Aires , Argentina Sociology (visiting student) Universität der Künste Berlin , Germany Bachelor of Arts in Communication in Social and Economic Contexts Universidad de Buenos Aires , Argentina Communication Science (incomplete)	2022 2019 2017 2014 2005
RESEARCH EXPERIENCE	Weizenbaum Institute for the Networked Society Data, Algorithmic Systems, and Ethics <i>Research Group Lead</i> The Distributed AI Research Institute (DAIR) <i>Researcher</i> Technische Universität Berlin Criticality of AI-Based Systems <i>Doctoral Researcher</i> Weizenbaum Institute for the Networked Society <i>Research Assistant</i>	2022-Present 2022-Present 2019-2022 2018-2019
FURTHER WORK EXPERIENCE	WoodUp UG <i>Co-Founder</i> Amauta Language School <i>Program Coordinator</i> IBL Language School <i>Student Services Coordinator</i> Freelance <i>Photographer</i>	2013-2017 2009-2010 2006-2009 2002-2006
AWARDS, GRANTS, AND HONORS	Impact Award, Methods Recognition, Honourable Mention ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW’22) Best Paper Award ACM Conference on on Fairness, Accountability, and Transparency (FAccT’22)	2022 2022

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

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

REFEREED PAPERS **Miceli, M.**, Posada, J. “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, A., Posada, J., Wang, S.M., Pohl, M., Hanna, A. “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. “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 Posada, J., Newlands, G., **Miceli, M.** (*Forthcoming 2022*). “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 2022*). “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. “The Exploited Labor Behind Artificial Intelligence” *Noema Magazine*

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 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 Production *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

"The Data Production *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. (With Alvarado, A., Posada, J., Yang, T.)*

"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	BIFOLD Summer School.	June 2022
	NoBias Project.	June 2022
	AIES Edinburgh.	May 2022
	Data Labelling Working Group (AAPT Institute).	November 2021
	DiPLab. Institute Polytechnique de Paris.	October 2020
	AI and Gender-Based Discrimination (Panel). Technische Universität Berlin.	February 2020
	Mobius Labs. Berlin, Germany	July 2020
	Data Science Meetup. Berlin, Germany	May 2019
MENTORSHIP AND SUPERVISION	<i>Mentor for International Students</i> Studium Generale, Universität der Künste Berlin	2013–2014
	<i>Master Thesis Advisor</i> Technische Universität Berlin Students: <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 	2020-Present
SERVICE	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
	Behaviour & Information Technology (Journal)	2022
CONFERENCE AND WORKSHOP ORGANIZING		

“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)

COMPUTING NVivo, MAXQDA, Dedoose, SPSS, L^AT_EX, 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: October 2022