

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> 2022-Present 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	
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	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
	ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW'22)	
	Honourable 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	Alvarado García, A., Wong-Villacres, M., Miceli, M. , Hernández, B., Le Dantec, C. (<i>Forthcoming 2023</i>). "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 Dispositif." <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." <i>Proceedings of the 2022 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2022)</i>	
	Best Paper Award	
	Miceli, M. , Posada, J., Yang, T. (2022). "Studying Up Machine Learning Data: Why Talk About Bias When We Mean Power?" <i>Proceedings of the ACM on Human-Computer Interaction 6 (GROUP 2022-2023)</i>	
	Miceli, M. , Yang, T., Naudts, L., Schuessler, M., Serbanescu, D., Hanna, A. (2021). "Documenting Computer Vision Datasets: An Invitation to Reflexive Data Practices." <i>Proceedings of the 2021 ACM Conference on Fairness, Accountability, and Transparency (FAccT 2021)</i>	
	Miceli, M. , Yang, T., Schuessler, M. (2020). "Between Subjectivity and Imposition. Power Dynamics in Data Annotation for Computer Vision." <i>Proceedings of the ACM on Human-Computer Interaction 4 (CSCW 2020)</i> .	
	Best Paper Award	
	Kazimzade, G., Miceli, M. (2020). "Not Just For-Profit. Towards Ethics-Oriented Data Labeling Practices." <i>Ethics of Data Science Conference 2020</i> . University of Sydney.	
	Kazimzade, G., Miceli, M. (2020). "Biased Priorities, Biased Outcomes: Three Recommendations for Ethics-oriented Data Annotation Practices." . <i>Proceedings of the 2020 AAAI/ACM Conference on AI, Ethics, and Society (AIES '20)</i> .	

- 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 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

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

	Guest Lecture: BIFOLD Summer School.	June 2022
	Guest Lecture: NoBias Project.	June 2022
	Panel: Data Labelling Working Group (AAPT Institute).	November 2021
	Guest Lecture: DiPLab. Institute Polytechnique de Paris.	October 2020
	Panel: Technische Universität Berlin.	February 2020
	Invited Talk: Mobius Labs. Berlin, Germany	July 2020
	Invited Talk: 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-Present
	Engaging Science, Technology, and Society (ESTS)	2023
	Behaviour & Information Technology (Journal)	2022
	CONFERENCE AND WORKSHOP ORGANIZING	
	“Investigating Data Work Across Domains” <i>ACM CHI</i> (With K. Pine, C. Bossen, N. Møller, A. Lu, Y. Chen, L. Horgan, Z. Su, G. Neff, M. Mazmanian)	April 2022
	“Crossing Data: Building Bridges with Activist and Academic Practices from and for Latin America” <i>ACM CHI</i> (With A. Alvarado García, I. Feldfeber, S. Mobayed, H. Suárez Val)	April 2022
	“Co-Designing Data Documentation with Data Workers” Online. (With A. Alvarado García, J. Posada, T. Yang)	November 2021
	“Diseño Participativo de Documentación con Trabajadorxs de Datos” Online. (With A. Alvarado García, J. Posada, T. Yang)	October 2021
	“Workshop on Data-Driven and Algorithmic Tools in Public Employment Services” Online. (With B. Berendt, P. Delobelle, D. Hartmann, E. Murasso, K. Scott, S. Wang)	May 2021
	“AI Explainathon” <i>AI Innovation Camp</i> , STATE Studio and Kompetenzzentrum für Kultur- und Kreativwirtschaft. Berlin, Germany (With G. Kazimzade, M. Schuessler, D. Serbanescu)	March 2019
“AI Workshop for Kids” Deutsche Telekom, Berlin, Germany (With S. Druga, G. Kazimzade, M. Schuessler, D. Serbanescu, M. Thomas)	January 2019	

“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: January 2023