Lauren WAARDENBURG

Assistant Professor

lauren.waardenburg@essec.edu

Department: Information Systems, Data Analytics
and Operations
Campus de Cergy

DIPLOMAS

DIPLOMAS

2021   Doctor of Philosophy, Business administration, Management
(Vrije Universiteit Amsterdam Netherlands)

CAREER

FULL-TIME ACADEMIC APPOINTMENTS

2023 - Now   Assistant Professor (ESSEC Business School France)

PUBLICATIONS

BOOKS

WAARDENBURG, L. (2021). *Behind the scenes of artificial intelligence: Studying how organizations cope with machine learning in practice.* HAVEKA.

WAARDENBURG, L., HUYSMAN, M. et AGTERBERG, M. (2021). *S.L.I.M. managen van AI in de praktijk: Hoe organisaties slimme technologie implementeren.* Mediawerf.

WAARDENBURG, L., HUYSMAN, M. et AGTERBERG, M. (2022). *Managing AI wisely: From development to organizational change in practice.* 1st ed. Cheltenham, Northampton: Edward Elgar Publishing Ltd.

CONFERENCE PROCEEDINGS

BAER, I., WAARDENBURG, L. et HUYSMAN, M. (2022). What are we augmenting? A multidisciplinary analysis of AI-based augmentation for the future of work. Dans: *ICIS 2022*. Copenhagen: ICIS.

WAARDENBURG, L. et HAFERMALZ, E. (2022). De-situated police officers: The embodied and material realities of accessing information in action. Dans: *13th PROS Symposium*. Rhodes.

WAARDENBURG, L. (2020). Filling the void: How occupational authority emerges from curating learning algorithms. Dans: *80th Annual Meeting of the Academy of Management*. Online.

WAARDENBURG, L., SERGEEVA, A. et HUYSMAN, M. (2022). Juggling street work and data work: An ethnography of policing and reporting practices. Dans: *82nd Annual Meeting of the Academy of Management*. Seattle: Academy of Management.

WAARDENBURG, L., SERGEEVA, A. et HUYSMAN, M. (2021). The burden of data production: How anticipating data work shapes police practices. Dans: *37th Colloquium of the European Group for Organizational Studies*. Amsterdam.

BAER, I., WAARDENBURG, L. et HUYSMAN, M. (2024). Hard choices in AI algorithm development: The case of employability predictions. Dans: *40th European Group for Organization Studies (EGOS) Colloquium 2024*. Milan.

WAARDENBURG, L. et HAFERMALZ, E. (2024). Police officers' embodied and material realities of accessing information in action. Dans: *Academy of Management Annual Meeting Proceedings*. Chicago: Academy of Management.

BAER, I., WAARDENBURG, L. et HUYSMAN, M. (2025). From Striving for Accuracy to Organizing for Errors: Anticipating Performativity of Errors in AI. Dans: *Academy of Management Annual Meeting Proceedings*. Copenhagen: Academy of Management.

WAARDENBURG, L., SERGEEVA, A. et HUYSMAN, M. (2024). The Hidden Cost of Data Production: Digital Reporting Pressures and the Consequences for Street-Level Police Work. Dans: *ICIS 2024 Proceedings*. Bangkok: Association for Information Systems (AIS).

PRESENTATIONS AT AN ACADEMIC OR PROFESSIONAL CONFERENCE

WAARDENBURG, L. (2024). Data Work & Occupational Meaning. In: Data Work as an Organizational Subject. Dans: 84th Annual Meeting of the Academy of Management. Chicago.

WAARDENBURG, L. (2025). Knowledge brokerage in the age of AI: A study of the Dutch police. Dans: The Data Science Conference.

TECHNICAL REPORTS / WHITE PAPERS

WAARDENBURG, L. (2024). How to manage AI wisely? Accenture Strategic Business Analytics Chair.

JOURNAL ARTICLES

WAARDENBURG, L. et HUYSMAN, M. (2022). From coexistence to co-creation: Blurring boundaries in the age of AI. *Information and Organization*, 32(4).

WAARDENBURG, L., HUYSMAN, M. et SERGEEVA, A. (2022). In the land of the blind, the one-eyed man is king: Knowledge brokerage in the age of learning algorithms. *Organization Science*, 33(1), pp. 59–82.

ZHANG, Z., NANDHAKUMAR, J., HUMMEL, J. et WAARDENBURG, L. (2020). Addressing key challenges of developing AI systems for knowledge intensive work. *MIS Quarterly Executive*, 19(4), pp. 221–238.

WAARDENBURG, L., SERGEEVA, A. et HUYSMAN, M. (2020). Predictive policing ontcijferd: Een etnografie van het 'Criminaliteits Anticipatie Systeem' in de praktijk. *Cahiers Politiestudies*, (54), pp. 69–88.

WAARDENBURG, L. (2024). Human-AI Collaboration: A Blessing or a Curse for Safety at Work? *Tecnoscienza*, 15(1), pp. 133–146.

BAER, I., WAARDENBURG, L. et HUYSMAN, M. (2025). What Is Augmented? A Metanarrative Review of AI-Based Augmentation. *Journal of the Association for Information Systems*, 26(3), pp. 760-798.

BOOK CHAPTERS

WAARDENBURG, L., SERGEEVA, A. et HUYSMAN, M. (2018). Hotspots and blind spots. Dans: Schultze, U., Aanestad, M., Mähring, M., Østerlund, C., Riemer, K. eds. *Living with monsters? Social implications of algorithmic phenomena, hybrid agency, and the performativity of technology.* 1st ed. Cham: Springer, pp. 96–109.

WAARDENBURG, L. et MÁRTON, A. (2024). Chapter 12: It takes a village: the ecology of explaining AI. Dans: Ioanna Constantiou, Mayur P. Joshi, Marta Stelmaszak eds. *Research Handbook on Artificial Intelligence and Decision Making in Organizations.* 1st ed. Edward Elgar Publishing Ltd, pp. 214–225.

RESEARCH ACTIVITIES

Senior or Associate Editor

2026 - Now: Associate Editor - European Journal of Information Systems

Editorial Board Membership

2024 - Now: Editorial Board Member