

# Lauren WAARDENBURG

Professeur assistant

Département: Systèmes d'information, sciences de la décision et statistiques Email: lauren.waardenburg@essec.edu

ESSEC Business School

3 avenue Bernard Hirsch

95021 Cergy-Pontoise

France

## INTERETS DE RECHERCHE

---

Courtage, Incarnation, Innovation numérique, Intelligence artificielle (IA), Knowledge sharing, La

## FORMATION

---

2021 Doctor of Philosophy, Sciences de Gestion, Management, Vrije Universiteit Amsterdam, Pays-Bas

## EXPERIENCE PROFESSIONNELLE

---

### Positions académiques principales

2023 - Présent Professeur assistant, ESSEC Business School, France

## BOURSES, PRIX ET DISTINCTIONS

---

### Prix et Distinctions

2022 Runner-up best paper award, Academy of Management CTO Division

2022 Outstanding associate editor, Academy of Management CTO Division

2022 Grigor McClelland doctoral dissertation award

2017 NWO Research Talent Grant

2015 Vrije Universiteit thesis prize

### Bourses

2022 Region Hauts-de-France Research Grant

2022 Society for the Advancement of Management Studies - Developing the Management Studies Community Funding

2019 Erasmus+ Grant

2019 SMS Technology and Innovation Grant

## PUBLICATIONS

---

### Articles

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.

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

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.

### Ouvrages et édition d'ouvrages

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

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.

### Chapitres d'ouvrage

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.

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.

### Actes d'une conférence

SANCHEZ RAMIREZ, J., COUSSEMENT, K., DE CAIGNY, A., BENOIT, D., WAARDENBURG, L. et GULIYEV, E. (2023). To Use or Not to Use? Incorporating Usage Data for B2B Churn Prediction Modeling. Dans: *Proceedings of the 54th Annual Conference of the Decision Sciences Institute (abstract), Atlanta (USA), November 18-20 (2023)*. Decision Sciences Institute.

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.

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.

### Conférences

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

### Supervision de thèses / HDR

I. BAER, Co-directeur de thèse

M. BRUGGELING, Co-directeur de thèse

J. SANCHEZ RAMIREZ, Co-directeur de thèse