

# Xavier LAMBIN

Associate Professor

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## RESEARCH INTERESTS

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Industrial Economics, Algorithmic decision-making, Nouveaux modes de transport, Market design

## EDUCATION

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- |      |   |
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| 2019 | Doctor of Philosophy, Economy, Economics, Toulouse School of Economics, France  |
| 2014 | Master of Science, Economics, Toulouse School of Economics, France              |
| 2011 | Master of Engineering, Engineering, École Polytechnique, France                 |
| 2011 | Master of Engineering, Mathematics, Mines ParisTech, France                     |
| 2011 | Maîtrise, Political Philosophy and Ethics, Université Paris IV Sorbonne, France |

## EMPLOYMENT

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### Full-time academic positions

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| 2024 - Present | Associate Professor, ESSEC Business School, France        |
| 2021 - 2024    | Assistant Professor, ESSEC Business School, France        |
| 2021 - 2019    | Assistant Professor, Grenoble École de Management, France |

### Other professional experiences

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| 2015 - 2017 | Analyst, ENGIE, France                 |
| 2011 - 2013 | Sr analyst, IHS Markit, United Kingdom |

## PUBLICATIONS

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### Journal Articles

- ABADA, I. and LAMBIN, X. (2026). Unleashing the predators: Autonomous predation and manipulation through algorithms. *Journal of Retailing*, In press, <https://doi.org/10.1016/j.jretai.2026.02.002>.
- ABADA, I., LAMBIN, X. and EHRENMANN, A. (2025). Risk-sharing in energy communities. *European Journal of Operational Research*, 322(3), pp. 870-888.
- LAMBIN, X. and RAIZONVILLE, A. (2025). From black box to glass box: algorithmic explainability as a strategic decision. *Information Economics and Policy*, 71, pp. 101149.

EPIVENT, A. and LAMBIN, X. (2024). On algorithmic collusion and reward–punishment schemes. *Economics Letters*, 237, pp. 111661.

ABADA, I., LAMBIN, X. and TCHAKAROV, N. (2024). Collusion by mistake: Does algorithmic sophistication drive supra-competitive profits? *European Journal of Operational Research*, 318(3), pp. 927-953.

LAMBIN, X., SCHLEICH, J. and FAURE, C. (2023). The Energy Efficiency Gap in the Rental Housing Market: It Takes Both Sides to Build a Bridge. *Energy Journal*, 44(1), pp. 43-61.

ABADA, I. and LAMBIN, X. (2023). Artificial Intelligence: Can Seemingly Collusive Outcomes Be Avoided? *Management Science*, 69(9), pp. 5042-5065.

HUMBERT, M., LAMBIN, X. and VILLARD, E. (2022). The role of prior warnings when cheating is easy and punishment is credible. *Information Economics and Policy*, 58, pp. 100959.

ABADA, I., EHRENMANN, A. and XAVIER LAMBIN, X.L. (2020). On the Viability of Energy Communities. *Energy Journal*, 41(1).

ABADA, I., EHRENMANN, A. and XAVIER LAMBIN, X.L. (2020). Unintended consequences: The snowball effect of energy communities. *Energy Policy*, 143, pp. 111597.

XAVIER LAMBIN, X.L. (2020). Integration of Demand Response in Electricity Market Capacity Mechanisms. *Utilities Policy*, 64, pp. 101033.

XAVIER LAMBIN, X.L. and LÉAUTIER, T.O. (2019). Cross-border Effects of Capacity Remuneration Schemes in Interconnected Markets: Who is Free-riding? *Energy Journal*, 40(6).

ASTIER, N. and XAVIER LAMBIN, X.L. (2019). Ensuring Capacity Adequacy in Liberalised Electricity Markets. *Energy Journal*, 40(3).

### Book chapters

LAMBIN, X. and HUMBERT, M. (2023). Distance exams: Can targeted warnings discourage cheating? In: Michelle Bergadaà, Paulo Peixoto eds. *Academic integrity: a call to research and action [English translation]*. 1st ed. Geneva: Globethics Publications, pp. 601-614.

HUMBERT, M. and LAMBIN, X. (2021). Examens à distance : des avertissements ciblés peuvent-ils décourager la tricherie ? In: Michelle BERGADAÀ, Paulo PEIXOTO eds. *L'urgence de l'intégrité académique*. 1st ed. Éditions Management et Société (EMS), pp. 443-454.

### Conferences

LAMBIN, X. and RAIZONVILLE, A. (2022). Algorithmic Explainability and Obfuscation under Regulatory Audits. In: XI Workshop on Institutions, Individual Behaviour and Economic Outcomes 2022. Alghero.

LAMBIN, X. and RAIZONVILLE, A. (2022). Algorithmic Explainability and Obfuscation under Regulatory Audits. In: 20th Annual International Industrial Organization Conference 2022. Boston.

LAMBIN, X. and RAIZONVILLE, A. (2022). From black box to glass box: algorithmic explainability as a strategic decision. In: 2022 Association of Southern-European Economic Theorists (ASSET) Annual Conference. Rethimno.