

# Emiliano TRAVERSI

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## EDUCATION

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| 2023 | Habilitation à diriger des recherches, Business administration, Business administration, Sorbonne Université, France |
| 2010 | Doctor of Philosophy, Business administration, Business administration, University of Bologna, Italy                 |

## EMPLOYMENT

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### Full-time academic positions

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| 2024 - Present | Associate Professor, ESSEC Business School, France |
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## PUBLICATIONS

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### Journal Articles

MISHRA, D., TRAVERSI, E., TROTTA, A., RAUT, P., GALKIN, B., DI FELICE, M. and NATALIZIO, E. (2025). Network slicing in aerial base station (UAV-BS) towards coexistence of heterogeneous 5G services. *Computer Networks*, 261, pp. 111146.

ALESSANDRONI, E., RAMOS-CALDERER, S., ROTH, I., TRAVERSI, E. and AOLITA, L. (2025). Alleviating the quantum Big-M problem. *npj Quantum Information*, 11(1), pp. Art. 125.

TORRES, J.J., NANNICINI, G., TRAVERSI, E. and WOLFLER CALVO, R. (2024). A trust-region framework for derivative-free mixed-integer optimization. *Mathematical Programming Computation*, 16(3), pp. 369-422.

XU, L., D'AMBROSIO, C., HADDAD-VANIER, S. and TRAVERSI, E. (2023). Branch and price for submodular bin packing. *EURO Journal on Computational Optimization*, 11, pp. 100074.

### Conference proceedings

TRAVERSI, E., BARCIS, M., BELLONE, L., BARCIS, A., AHMIM-BONALDI, D., FERRANTE, E. and NATALIZIO, E. (2025). Formation Analysis for a Fleet of Drones: A Mathematical Framework. In: *Proceedings of the 17th International Conference on Agents and Artificial Intelligence*. Porto: SCITEPRESS - Science and Technology Publications, pp. 471-480.