Emiliano TRAVERSI

Associate Professor
Department: Information Systems, Data Analytics and Operations
ESSEC Business School
3 avenue Bernard Hirsch
95021 Cergy-Pontoise
France

Email: emiliano.traversi@essec.edu

EDUCATION

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

Full-time academic positions

2024 - Present Associate Professor, ESSEC Business School, France

PUBLICATIONS

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.