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DIPLOMAS

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2023 Habilitation à diriger des recherches, Business administration, Business
administration
(Sorbonne Université France)

CAREER

FULL-TIME ACADEMIC APPOINTMENTS

2024 - Now Associate Professor (ESSEC Business School France)

PUBLICATIONS

JOURNAL ARTICLES

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

[TORRES, J.J., NANNICINI, G., TRAVERSI, E. et 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. et TRAVERSI, E. \(2023\). Branch and price for submodular bin packing. *EURO Journal on Computational Optimization*, 11, pp. 100074.](#)

[ALESSANDRONI, E., RAMOS-CALDERER, S., ROTH, I., TRAVERSI, E. et AOLITA, L. \(2025\).](#)

[Alleviating the quantum Big-M problem. *npj Quantum Information*, 11\(1\), pp. Art. 125.](#)

CONFERENCE PROCEEDINGS

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