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Department: Information Systems, Decision

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RESEARCH INTERESTS

Decision Sciences, Decision Support Systems, Mathematics, Operations Research

EDUCATION

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| 2017 | Habilitation as Full Professor in Operations Research from the Italian Ministry of Education, Italian Ministry of Education, Italy |
| 2002 | PhD Degree in Computational Methods for Economic and Financial Decisions and Forecast, Università degli studi di Bergamo, Italy |

EMPLOYMENT

Full-time academic positions

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|----------------|---|
| 2021 - Present | Professor, ESSEC Business School, France |
| 2019 - 2021 | Associate Professor in Operations Research, ESSEC Business School, France |
| 2014 - 2019 | Associate Professor in Operations Research, University of Brescia, Italy |
| 2005 - 2014 | Assistant Professor in Operations Research, University of Brescia, Italy |

Other affiliations and appointments

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| 2022 - 2025 | Associate Dean in charge of Chairs and Excellence Centers, ESSEC Business School, France |
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PUBLICATIONS

Journal Articles

- DIABAT, A., BIANCHESSI, N. and ARCHETTI, C. (2024). On the zero-inventory-ordering policy in the inventory routing problem. *European Journal of Operational Research*, 312(3), pp. 1024-1038.
- ARCHETTI, C., CERULLI, R., CARRABS, F. and LAUREANA, F. (2024). A new formulation and a branch-and-cut algorithm for the set orienteering problem. *European Journal of Operational Research*, 314(2), pp. 446-465.
- PETROPOULOS, F., LAPORTE, G., AKTAS, E., ALUMUR, S.A., ARCHETTI, C., AYHAN, H. ... ZHAO, X. (2024). Operational Research: methods and applications. *Journal of the Operational Research Society*, 75(3), pp. 423-617.

- BISWAS, D., ALFANDARI, L. and ARCHETTI, C. (2024). A Triple Bottom Line optimization model for assignment and routing of on-demand home services. *Computers & Operations Research*, 167, pp. 106644.
- NAJY, W., ARCHETTI, C. and DIABAT, A. (2023). Collaborative Truck-and-Drone Delivery for Inventory-Routing Problems. *Transportation Research Part C: Emerging Technologies*, 146, pp. 103791.
- SANTINI, A. and ARCHETTI, C. (2023). The hazardous orienteering problem. *Networks*, 81(2), pp. 235-252.
- DELLE DONNE, D., ARCHETTI, C., ALFANDARI, L. and LJUBIC, I. (2023). Freight-on-Transit for urban last-mile deliveries: A strategic planning approach. *Transportation Research Part B: Methodological*, 169, pp. 53-81.
- DI PLACIDO, A., ARCHETTI, C., CERRONE, C. and GOLDEN, B. (2023). The generalized close enough traveling salesman problem. *European Journal of Operational Research*, 310(3), pp. 974-991.
- CERULLI, M., SERRA, D., SORGENTE, C., ARCHETTI, C. and LJUBIC, I. (2023). Mathematical programming formulations for the collapsed k-core problem. *European Journal of Operational Research*, 311(1), pp. 56-72.
- ARCHETTI, C., BRUGLIERI, M., GUASTAROBA, G. and SPERANZA, M.G. (2023). The benefit of complete trip information in free-floating carsharing systems. *EURO Journal on Transportation and Logistics*, 12, pp. 100110.
- NHO MINH, D., ARCHETTI, C. and BERTAZZI, L. (2023). The inventory routing problem with split deliveries. *Networks*, 82(4), pp. 400-413.
- ANDREA MOR, A., ARCHETTI, C., OLA JABALI, O., ALBERTO SIMONETTO, A. and M. GRAZIA SPERANZA, M.G. (2022). The Bi-objective Long-haul Transportation Problem on a Road Network. *Omega*, 106, pp. 102522.
- MANUEL TROTTA, M., ARCHETTI, C., DOMINIQUE FEILLET, D. and ALAIN QUILLOT, A. (2022). Pickup and delivery problems with autonomous vehicles on rings. *European Journal of Operational Research*, 300(1), pp. 221-236.
- ARCHETTI, C., PEIRANO, L. and SPERANZA, M.G. (2022). Optimization in Multimodal Freight Transportation Problems: A Survey. *European Journal of Operational Research*, 299(1), pp. 1-20.
- GU, W., ARCHETTI, C., CATTARUZZA, D., OGIER, M., SEMET, F. and SPERANZA, M.G. (2022). A sequential approach for a multi-commodity two-echelon distribution problem. *Computers & Industrial Engineering*, 163, pp. 107793.
- MELIH CELIK, M., ARCHETTI, C. and HALDUN SURAL, H. (2022). Inventory routing in a warehouse: The storage replenishment routing problem. *European Journal of Operational Research*, 301(3), pp. 1117-1132.
- ARCHETTI, C. and LJUBIC, I. (2022). Comparison of formulations for the Inventory Routing Problem. *European Journal of Operational Research*, 303(3), pp. 997-1008.
- HUERTA-MUÑOZ, D.L., ARCHETTI, C., FERNÁNDEZ, E. and PEREA, F. (2022). The Heterogeneous Flexible Periodic Vehicle Routing Problem: Mathematical formulations and solution algorithms. *Computers & Operations Research*, 141, pp. 105662.

- BONERA, M., MUTTI, R., BARABINO, B., GUASTARоба, G., MOR, A., ARCHETTI, C. ... MATERNINI, G. (2022). Identifying clusters and patterns of road crash involving pedestrians and cyclists. A case study on the Province of Brescia (IT). *Transportation Research Procedia*, 60, pp. 512–519.
- DI PLACIDO, A., ARCHETTI, C. and CERRONE, C. (2022). A genetic algorithm for the close-enough traveling salesman problem with application to solar panels diagnostic reconnaissance. *Computers & Operations Research*, 145, pp. 105831.
- PARAPPATHODI, J. and ARCHETTI, C. (2022). Crowdsourced humanitarian relief vehicle routing problem. *Computers & Operations Research*, 148, pp. 105963.
- ARCHETTI, C. and BERTAZZI, L. (2021). Recent challenges in Routing and Inventory Routing: E commerce and lastmile delivery. *Networks*, 77(2), pp. 255-268.
- ARCHETTI, C., GUERRIERO, F. and MACRINA, G. (2021). The Online Vehicle Routing Problem with Occasional Drivers. *Computers & Operations Research*, 127, pp. 105144.
- ARCHETTI, C., GIANFRANCO GUASTARоба, G., HUERTA-MUNOZ, D.L. and SPERANZA, M.G. (2021). A Kernel Search Heuristic for the Multi-Vehicle Inventory Routing Problem. *International Transactions in Operational Research*, 28(6), pp. 2984-3013.
- DIABAT, A., ARCHETTI, C. and NAJY, W. (2021). The Fixed-Partition Policy Inventory Routing Problem. *Transportation Science*, 55(2), pp. 275-552.
- ANGELELLI, E., ARCHETTI, C., FILIPPI, C. and VINDIGNI, M. (2021). A dynamic and probabilistic orienteering problem. *Computers & Operations Research*, 136, pp. 105454.
- ARCHETTI, C., SPERANZA, M.G., BOCCIA, M., SFORZA, A. and STERLE, C. (2020). A Branch-And-Cut Algorithm for the Inventory Routing Problem with Pickups and Deliveries. *European Journal of Operational Research*, 282(3), pp. 886-895.
- ARCHETTI, C., FEILLET, D., MOR, A. and SPERANZA, M.G. (2020). Dynamic traveling salesman problem with stochastic release dates. *European Journal of Operational Research*, 280(3), pp. 832-844.
- ARSLAN, O., ARCHETTI, C., JABALI, O., LAPORTE, G. and SPERANZA, M.G. (2020). Minimum Cost Network Design in Strategic Alliances. *Omega*, 96.
- ARCHETTI, C. and PEIRANO, L. (2020). Air intermodal freight transportation: the freight forwarder service problem. *Omega*, 94, pp. 102040.
- ANGELELLI, E., ARCHETTI, C. and PEIRANO, L. (2020). A Matheuristic for the Air Transportation Freight Forwarder Service Problem. *Computers & Operations Research*, 123.
- ARCHETTI, C., SPERANZA, M.G. and EMIRENA GARRAFA, E. (2020). Managing an automated clinical laboratory: Optimization challenges. *EURO Journal on Decision Processes*, 8, pp. 41-60.
- ARCHETTI, C., COELHO, L.C. and SPERANZA, M.G. (2019). An Exact Algorithm for the Inventory Routing Problem with Logistic Ratio. *Transportation Research Part E: Logistics and Transportation Review*, 131, pp. 96-107.
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- DARVISH, M., ARCHETTI, C., COELHO, L.C. and SPERANZA, M.G. (2019). Flexible two-echelon location routing problem. *European Journal of Operational Research*, 277(3), pp. 1124-1136.

- DARVISH, M., ARCHETTI, C. and COELHO, L.C. (2019). Trade-offs between environmental and economic performance in production and inventory-routing problems. *International Journal of Production Economics*, 217, pp. 269-280.
- ARCHETTI, C., FERNÁNDEZ, E. and HUERTA-MUÑOZ, D.L. (2018). A two-phase solution algorithm for the Flexible Periodic Vehicle Routing Problem. *Computers & Operations Research*, 99, pp. 27-37.
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- ARCHETTI, C., CHRISTIANSEN, M. and GRAZIA SPERANZA, M. (2018). Inventory routing with pickups and deliveries. *European Journal of Operational Research*, 268(1), pp. 314-324.
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- BIANCHETTI, L., SQUAZZONI, F., CASNICI, N., BIANCHINI, D., GARRAFA, E., ARCHETTI, C. ... MARENGONI, A. (2017). Social networks and health status in the elderly: the 'ANZIANI IN-RETE' population-based study. *Aging Clinical and Experimental Research*, 29(6), pp. 1173-1179.
- ARCHETTI, C., DESAULNIERS, G. and SPERANZA, M.G. (2017). Minimizing the logistic ratio in the inventory routing problem. *EURO Journal on Transportation and Logistics*, 6(4), pp. 289-306.
- ARCHETTI, C., BOLAND, N. and SPERANZA, M.G. (2017). A Matheuristic for the Multivehicle Inventory Routing Problem. *INFORMS Journal on Computing*, 29(3), pp. 377-387.
- ARCHETTI, C., MONTANELLI, A., FINAZZI, D., CAIMI, L. and GARRAFA, E. (2017). Clinical laboratory automation: a case study. *Journal of Public Health Research*, 6(1).
- ANGELELLI, E., ARCHETTI, C., FILIPPI, C. and VINDIGNI, M. (2017). The probabilistic orienteering problem. *Computers & Operations Research*, 81, pp. 269-281.
- ARCHETTI, C., FERNÁNDEZ, E. and HUERTA-MUÑOZ, D.L. (2017). The Flexible Periodic Vehicle Routing Problem. *Computers & Operations Research*, 85, pp. 58-70.
- ARCHETTI, C., BERTAZZI, L., LAGANÀ, D. and VOCATURO, F. (2017). The Undirected Capacitated General Routing Problem with Profits. *European Journal of Operational Research*, 257(3), pp. 822-833.
- ARCHETTI, C., CAMPBELL, A.M. and SPERANZA, M.G. (2016). Multicommodity vs. Single-Commodity Routing. *Transportation Science*, 50(2), pp. 461-472.
- ARCHETTI, C., CORBERÁN, , PLANA, I., SANCHIS, J.M. and SPERANZA, M.G. (2016). A branch-and-cut algorithm for the Orienteering Arc Routing Problem. *Computers & Operations Research*, 66, pp. 95-104.
- ARCHETTI, C. and SPERANZA, M.G. (2016). The inventory routing problem: the value of integration. *International Transactions in Operational Research*, 23(3), pp. 393-407.
- ARCHETTI, C., SAVELSBERGH, M. and SPERANZA, M.G. (2016). The Vehicle Routing Problem with Occasional Drivers. *European Journal of Operational Research*, 254(2), pp. 472-480.

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- ARCHETTI, C., BIANCHESSI, N. and SPERANZA, M.G. (2015). A branch-price-and-cut algorithm for the commodity constrained split delivery vehicle routing problem. *Computers & Operations Research*, 64, pp. 1-10.
- ARCHETTI, C., CORBERÁN, , PLANA, I., SANCHIS, J.M. and SPERANZA, M.G. (2015). A matheuristic for the Team Orienteering Arc Routing Problem. *European Journal of Operational Research*, 245(2), pp. 392-401.
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- ARCHETTI, C., GUASTARROBA, G. and SPERANZA, M.G. (2014). An ILP-refined tabu search for the Directed Profitable Rural Postman Problem. *Discrete Applied Mathematics*, 163, pp. 3-16.
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- ARCHETTI, C., BIANCHESSI, N., SPERANZA, M.G. and HERTZ, A. (2014). Incomplete service and split deliveries in a routing problem with profits. *Networks*, 63(2), pp. 135-145.
- ARBIB, C., SERVILIO, M., ARCHETTI, C. and SPERANZA, M.G. (2014). The directed profitable location Rural Postman Problem. *European Journal of Operational Research*, 236(3), pp. 811-819.
- ARCHETTI, C., BERTAZZI, L. and SPERANZA, M.G. (2014). Polynomial cases of the economic lot sizing problem with cost discounts. *European Journal of Operational Research*, 237(2), pp. 519-527.
- ANGELELLI, E., ARCHETTI, C. and VINDIGNI, M. (2014). The Clustered Orienteering Problem. *European Journal of Operational Research*, 238(2), pp. 404-414.
- ARCHETTI, C., BIANCHESSI, N. and SPERANZA, M.G. (2014). Branch-and-cut algorithms for the split delivery vehicle routing problem. *European Journal of Operational Research*, 238(3), pp. 685-698.
- ARCHETTI, C., BIANCHESSI, N., IRNICH, S. and SPERANZA, M.G. (2014). Formulations for an inventory routing problem. *International Transactions in Operational Research*, 21(3), pp. 353-374.
- ARCHETTI, C., SPERANZA, M.G., CORBERÁN, , SANCHIS, J.M. and PLANA, I. (2014). The Team Orienteering Arc Routing Problem. *Transportation Science*, 48(3), pp. 442-457.
- ARCHETTI, C. and SPERANZA, M.G. (2014). A survey on matheuristics for routing problems. *EURO Journal on Computational Optimization*, 2(4), pp. 223-246.

- ARCHETTI, C., PISINGER, D. and SPERANZA, M.G. (2014). Special issue on: "matheuristics". *EURO Journal on Computational Optimization*, 2(4), pp. 221-222.
- ARCHETTI, C., GUASTARROBA, G. and SPERANZA, M.G. (2013). Reoptimizing the rural postman problem. *Computers & Operations Research*, 40(5), pp. 1306-1313.
- ARCHETTI, C., BIANCHESSI, N. and SPERANZA, M.G. (2013). Optimal solutions for routing problems with profits. *Discrete Applied Mathematics*, 161(4-5), pp. 547-557.
- ARCHETTI, C., BIANCHESSI, N. and SPERANZA, M.G. (2013). The capacitated team orienteering problem with incomplete service. *Optimization Letters*, 7, pp. 1405-1417.
- ARCHETTI, C., DOERNER, K.F. and TRICOIRE, F. (2013). A heuristic algorithm for the free newspaper delivery problem. *European Journal of Operational Research*, 230(2), pp. 245-257.
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- ARCHETTI, C. and SPERANZA, M.G. (2012). Vehicle routing problems with split deliveries. *International Transactions in Operational Research*, 19(1-2), pp. 3-22.
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- ARCHETTI, C., BIANCHESSI, N. and SPERANZA, M.G. (2011). A column generation approach for the split delivery vehicle routing problem. *Networks*, 58(4), pp. 241-254.
- ARCHETTI, C., FEILLET, D., GENDREAU, M. and SPERANZA, M.G. (2011). Complexity of the VRP and SDVRP. *Transportation Research Part C: Emerging Technologies*, 19(5), pp. 741-750.
- ARCHETTI, C., BOUCHARD, M. and DESAULNIERS, G. (2011). Enhanced Branch and Price and Cut for Vehicle Routing with Split Deliveries and Time Windows. *Transportation Science*, 45(3), pp. 285-298.
- ARCHETTI, C., BERTAZZI, L. and SPERANZA, M.G. (2010). Reoptimizing the 0–1 knapsack problem. *Discrete Applied Mathematics*, 158(17), pp. 1879-1887.
- ARCHETTI, C., FEILLET, D., HERTZ, A. and SPERANZA, M.G. (2010). The undirected capacitated arc routing problem with profits. *Computers & Operations Research*, 37(11), pp. 1860-1869.
- PETERSEN, H.L., ARCHETTI, C. and SPERANZA, M.G. (2010). Exact solutions to the double travelling salesman problem with multiple stacks. *Networks*, 56(4), pp. 229-243.
- ARCHETTI, C., FEILLET, D., HERTZ, A. and SPERANZA, M.G. (2009). The capacitated team orienteering and profitable tour problems. *Journal of the Operational Research Society*, 60(6), pp. 831-842.
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ARCHETTI, C., SPERANZA, M.G. and SAVELSBERGH, M.W.P. (2008). An Optimization-Based Heuristic for the Split Delivery Vehicle Routing Problem. *Transportation Science*, 42(1), pp. 22-31.

KE, L., ARCHETTI, C. and FENG, Z. (2008). Ants can solve the team orienteering problem. *Computers & Industrial Engineering*, 54(3), pp. 648-665.

ARCHETTI, C., BERTAZZI, L., LAPORTE, G. and SPERANZA, M.G. (2007). A Branch-and-Cut Algorithm for a Vendor-Managed Inventory-Routing Problem. *Transportation Science*, 41(3), pp. 382-391.

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ARCHETTI, C., MANSINI, R. and SPERANZA, M.G. (2005). Complexity and Reducibility of the Skip Delivery Problem. *Transportation Science*, 39(2), pp. 182-187.

ARCHETTI, C. and SPERANZA, M.G. (2004). Vehicle routing in the 1-skip collection problem. *Journal of the Operational Research Society*, 55(7), pp. 717-727.

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Book chapters

ARCHETTI, C. and SPERANZA, M.G. (2015). Arc routing problems with profits. In: Ángel Corberán, Gilbert Laporte eds. *Arc Routing: Problems, Methods, and Applications*. 1st ed. Philadelphia: SIAM, pp. 281-300.

ARCHETTI, C., SPERANZA, M.G. and VIGO, D. (2014). Vehicle routing problems with profits. In: Paolo Toth, Daniele Vigo eds. *Vehicle Routing: Problems, Methods, and Applications*. 2nd ed. Philadelphia: SIAM, pp. 273-298.

ARCHETTI, C. and M. GRAZIA SPERANZA, M.G. (2008). The split delivery vehicle routing problem: a survey. In: Golden B., Raghavan S., Wasil E. eds. *The Vehicle Routing Problem: Latest Advances and New Challenges*. 1st ed. Boston: Springer, pp. 103-122.

ARCHETTI, C. and M. GRAZIA SPERANZA, M.G. (2005). Collection of waste with single load trucks: a real case. In: Fleischmann B., Klose A. eds. *Distribution Logistics, Lecture Notes in Economics and Mathematical Systems*. 1st ed. Berlin: Springer, pp. 105-119.

Conferences

DELLE DONNE, D., SANTINI, A. and ARCHETTI, C. (2024). Integrating public transport in sustainable last-mile delivery: Column Generation approaches. In: 2024 INFORMS/ALIO/ASOCIO International Conference. Medellín.

ARCHETTI, C., CERULLI, M., FERNÁNDEZ, E. and LJUBIC, I. (2023). A bilevel pricing and routing problem. In: 24ème Congrès Annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF 2023). Rennes.

ARCHETTI, C., CATTARUZZA, D., PETRIS, M., OGIER, M. and SEMET, F. (2023). A Branch-Price-and-Cut algorithm for the Multi-Commodity two-echelon Distribution Problem. In: 2023 SyncroTrans. Lille.

CERULLI, M., DOMENICO, S., SORGENTE, C., ARCHETTI, C. and LJUBIC, I. (2023). Mathematical Programming Formulations for the Collapsed k-Core Problem. In: 2023 Mathematics & Applications, Winter Meeting. Lisbon.

DELLE DONNE, D., SANTINI, A. and ARCHETTI, C. (2022). Extended formulations and column generation for the Freight on Transport problem. In: European Conference on Operational Research (EURO). Espoo.

ARCHETTI, C., DELLE DONNE, D. and SANTINI, A. (2022). An extended IP formulation for the Freight on Transport problem. In: Spanish Conference on Statistics and Operations Research (SEIO). Granada.

DELLE DONNE, D., ALFANDARI, L., ARCHETTI, C. and LJUBIC, I. (2022). Freight-on-Transit for urban last-mile deliveries: A Strategic Planning Approach. In: International Workshop on Freight Transportation and Logistics (ODYSSEUS). Tanger.

DELLE DONNE, D., ARCHETTI, C. and SANTINI, A. (2022). An extended IP formulation for the Freight on Transport problem. In: Joint ALIO/EURO International Conference on Applied Combinatorial Optimization. Viña del Mar.

ARCHETTI, C., DELLE DONNE, D. and SANTINI, A. (2022). An extended IP formulation for the Freight on Transport problem. In: Triennial Symposium on Transportation Analysis (TRISTAN). Mauritius.

DELLE DONNE, D., ALFANDARI, L., ARCHETTI, C. and LJUBIC, I. (2022). Freight-on-Transit for urban last-mile deliveries: A Strategic Planning Approach. In: Spanish Conference on Statistics and Operations Research (SEIO). Granada.

ARCHETTI, C., ALFANDARI, L. and ALFANDARI, L. (2022). Capacity Design and Resource Allocation in Online Food Delivery Platforms. In: International Workshop on Freight Transportation and Logistics (Odysseus 2022). Tanger.

LI, Y., ARCHETTI, C. and LJUBIC, I. (2022). Reinforcement Learning Approaches for the Orienteering Problem with Stochastic and Dynamic Release Dates. In: 2022 Italian Operations Research Society (AIRO) (2022 ODS). Florence.

ARCHETTI, C. and LJUBIC, I. (2021). Aggregated Formulations for the Inventory Routing Problem. In: 2021 Optimization in Artificial Intelligence and Data Sciences (ODS). Rome.

DELLE DONNE, D., ALFANDARI, L., ARCHETTI, C. and LJUBIC, I. (2021). Freight on Public Transport: Strategic decision making with mixed integer programming. In: European Conference on Operational Research (EURO). Athens.

ARCHETTI, C. (2020). Routing problems in last-mile delivery services. In: 4th AIROYoung Workshop: New Advances in Optimization, Machine Learning and Data Science. Bolzano.

ARCHETTI, C. (2019). Emerging problems and challenges in routing. In: SPOC 5. Paris.

ARCHETTI, C. (2019). Vehicle routing problems and recent business trends. In: 33rd Annual Conference of the Belgian Operational Research Society (ORBEL 33). Hasselt.

ARCHETTI, C. (2019). A kernel search heuristic for the multi-vehicle inventory routing problem. In: 32nd Conference of the European Chapter on Combinatorial Optimization (ECCO XXXII). St. Julian's.

ARCHETTI, C. (2019). A kernel search heuristic for the multi-vehicle inventory. In: ODS XXXII. Genova.

Invited speaker

ARCHETTI, C. (2022). How to build a successful research work in 2021: Focus on routing and logistics. In: EURO 2022, 32nd European Conference on Operational Research.

ARCHETTI, C. and LJUBIC, I. (2022). Comparison of Formulations for the Inventory Routing Problem. In: 3rd Workshop on Combinatorial Optimization. Online.

ARCHETTI, C. (2021). The fixed-partition policy inventory routing problem. In: ROADEF 2021.

ARCHETTI, C. (2021). The dynamic traveling salesman problem with release dates. In: Workshop 'New trends in sustainable last-mile delivery'.

ARCHETTI, C. (2021). Formulations and exact solution approaches for the inventory routing problem. In: International Conference on Operations Research 2021.

ARCHETTI, C. (2021). The bi-objective long-haul transportation problem on a road network. In: 27th International Conference on Principles and Practice of Constraint Programming.

Prefaces of a journal

ARCHETTI, C., CORDEAU, J.F. and DESAULNIERS, G. (2020). Introduction to the special issue on combining optimization and machine learning: Application in vehicle routing, network design and crew scheduling. *EURO Journal on Transportation and Logistics*, 9(4), pp. 100024.

ARCHETTI, C., BERTAZZI, L., MILANIČ, M., SCHINDL, D. and VARONE, S. (2018). Preface: Special Issue on the Ninth International Colloquium on Graphs and Optimization (GO IX), 2014. *Discrete Applied Mathematics*, 234, pp. 1-2.

Working Papers

DELLE DONNE, D., ALFANDARI, L., ARCHETTI, C. and LJUBIC, I. (2021). *Freight-on-Transit for urban last-mile deliveries: A Strategic Planning Approach*. 2104, ESSEC Business School.

Press

DELLE DONNE, D., ARCHETTI, C., LJUBIC, I. and ALFANDARI, L. (2023). When public transport delivers. *ESSEC Knowledge*.

ARCHETTI, C. (2021). The new logistics challenge: E-commerce and last-mile delivery. *ESSEC Knowledge*.

ALFANDARI, L., ARCHETTI, C. and LJUBIC, I. (2021). Sustainable city logistics. *ESSEC Knowledge*.

OTHER RESEARCH ACTIVITIES

Chief Editor

Since 2023 Networks

Associate Editor

2020 - 2022 Omega

2020 - 2022 TOP: An Official Journal of the Spanish Society of Statistics and Operations Research

Since 2018 Transportation Science

2016 - 2018 Computers & Operations Research

2010 - 2022 Networks

Editorial Board Membership

Since 2018 European Journal of Operational Research

Affiliations

Since 2018 VIP3 of EURO, the Association of European Operational Research Societies, in charge of publications and communication

PhD Supervision

2023 M. BEN AHMED, Thesis jury member

2023 S. ATAÇ, Thesis jury member

2023 A. HASSANZADEH (ESSEC Business School), Thesis jury president

2023 D. BISWAS (ESSEC Business School), Thesis jury member

2022 U. BREUNIG (University of Vienna), Thesis jury member

2021 D. DUMEZ, Thesis jury member

2021 M. A. VAN ZON, Thesis jury member

2021 F. TORRES, Thesis jury member

2020 L. PEIRANO (Università degli studi di Bergamo), Thesis director

2020 N. GASTALDON (University of Padova), Thesis jury member

2020 F. LAUREANA (University of Salerno), Thesis referee

2020 A. MASONE, Thesis jury member

2020 G. MARQUES, Thesis jury member

2020 E. ORM HELLSTEN, Thesis jury member

2019 I. BEN MOHAMED (Université de bordeaux), Thesis jury member

2019 P. MATL (University of Vienna), Thesis jury member

2019 A. BALLER (University of Amsterdam), Thesis jury member

2019 Y. YUAN (École Centrale Lille), Thesis jury member

2019 K. FARIAS DE ARAUJO (Université Grenoble Alpes), Thesis jury member

2018 D. HUERTA-MUNOZ (Universitat Politècnica de Catalunya), Thesis co-director

2017 H. BEN TICHA (École des Mines de Saint-Etienne), Thesis jury member

2016 C. TILK (University of Mainz), Thesis jury member

- 2016 B. SANTOS HERNANDEZ (University of La Laguna), Thesis jury member
- 2016 M. DARVISH (Université Laval), Thesis jury member
- 2015 A. HEMMATI (Norwegian University Of Science and Technology), Thesis jury member
- 2013 A. PFEFFER (Tel Aviv University), Thesis referee
- 2012 M. STALHANE (Norwegian University Of Science and Technology), Thesis jury member
- 2011 M. TRESOLDI (Universita degli studi di Milano), Thesis referee
- 202 A. MASONE (Università di Napoli Federico II), Thesis referee
- N. MAMMADOV (University of Brescia), Thesis director
- J. PARAPPATHODI (ESSEC Business School), Thesis director
- M. MARTINELLO (University of Brescia), Thesis director
- M. PETRIS (École Centrale Lille), Thesis co-director
- M. TROTTA (École des Mines de Saint-Etienne), Thesis co-director
- A. ANDREA DI PLACIDO (University of Molise), Thesis co-director
- M. PUNAM MANDAL (ESSEC Business School), Thesis co-director
- Y. LI (ESSEC Business School), Thesis co-director
- Y. SU, Thesis jury member

Other research activities

Since 2021 Interview from Elsevier