CURRICULUM VITAE

JEAN-FRANÇOIS CORDEAU

Informations personnelles

Occupation:	Professeur titulaire et titulaire de la Chaire en logistique et en transport, HEC Montréal
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Citoyenneté:	Canadienne
Langues:	Français, anglais

Études universitaires

1996-99	Ph.D., Mathématiques de l'ingénieur, École Polytechnique de Montréal
1994-95	M.Sc., Modélisation et décision, HEC Montréal
1993-94	Certificat, Informatique, Université de Montréal
1990-92	B.A.A., Méthodes quantitatives, HEC Montréal

Emplois

2018-	Directeur scientifique, IVADO Labs
2008-	Professeur titulaire, HEC Montréal
2003-2008	Professeur agrégé, HEC Montréal
1999-2003	Professeur adjoint, HEC Montréal

Autre poste

2020-	Professeur associé, Université Laval

Responsabilités administratives

2017-2024	Membre du comité scientifique, Institut de valorisation des données de Montréal (IVADO)
2016-	Titulaire, Chaire en logistique et en transport, HEC Montréal
2016-2019	Membre du comité exécutif, Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport (CIRRELT)
2010-2024	Membre du Conseil de la recherche, HEC Montréal

2008-2013	Directeur adjoint, Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport (CIRRELT)
2006-2016	Titulaire, Chaire de recherche du Canada en logistique et en transport, HEC Montréal
2001-2006	Associé, Chaire de recherche du Canada en distributique, HEC Montréal
2000-2018	Responsable académique de la M.Sc. en logistique internationale, HEC Montréal

Prix et distinctions

- Prix de la pratique, Société canadienne de recherche opérationnelle, « Weather Routing for Maritime Vessels », M. Rönnqvist, N. Sharif, K. Hajli, G. Warya, T. Ngo, M. Brousseau, B. Hatter, J.-F. Audy, J.-F. Cordeau, C. Dadouchi, P. Flisberg, 2023.
- Best Application Paper, 10th IFAC Conference on Manufacturing Modelling, Management and Control, « A Vehicle Routing Problem with Time Windows and Workload Balancing for COVID-19 Testers: A Case Study », S. Shahnejat-Bushehri, A. Kermani, O. Arslan, J.-F. Cordeau, R. Jans, 2022.
- Grand Prix de recherche Pierre-Laurin, HEC Montréal, 2018
- Prix du mérite, Société canadienne de recherche opérationnelle, 2016
- Membre du Collège de nouveaux chercheurs et créateurs en arts et en sciences de la Société royale du Canada, 2014-2021
- Best Paper Award Runner-up (avec M.-È. Rancourt, G. Laporte et B. Watkins), Production and Operations Management Society, College of Humanitarian & Crisis Management, « Tactical Network Planning for Food Aid Distribution in Kenya », 2013.
- Premier Prix (avec S. Bisaillon, G. Laporte et F. Pasin), Challenge ROADEF, La gestion des perturbations dans le domaine aérien, 2009
- Tow Lecturer, Henry B. Tippie College of Business, University of Iowa, 2008
- Deuxième Prix (avec G. Laporte, F. Pasin et S. Ropke), Challenge ROADEF, Planification des techniciens et des interventions pour les télécommunications, 2007
- Prix Chenelière Éducation / Gaëtan-Morin, HEC Montréal, 2006
- Deuxième Prix (avec B. Jaumard et R. Morales), International Timetabling Competition, Metaheuristics Networks, 2003
- Deuxième Prix (avec G. Laporte), Challenge ROADEF, Gestion de la mission de satellites d'observation de la Terre, 2003
- Prix Jeune Chercheur, HEC Montréal, 2002

Subventions

- CRSNG, Subvention à la découverte – individuelle, "Logistics and transportation", 275 000 $, 2025-2030.
- MITACS Accelerate/Hydro-Québec, "Integrated Logistics Network Design at Hydro-Québec", O. Arslan, Y. Adulyasak, J.-F. Cordeau, 540 000 $, 2021-2025.
- CRSNG/PROMPT/Purolator, Recherche et développement en collaboration, "Data Intelligence for Logistics", B. Gendron, J.-F. Cordeau, T.G. Crainic, E. Hassini, M.J. Roorda, 1 459 896 $, 2019-2024.
- MITACS Accelerate/True North Marine, "Voyage Route Optimization for Ocean Going Vessels by Balancing Cost, Fuel Consumption and CO2 Emissions", J.-F. Audy, J.-F. Cordeau, M. Rönnqvist, 357 945 $, 2019-2021.
- CRSNG, Subvention à la découverte – individuelle, "Logistics and transportation", 438 000 $, 2019-2025.

- MITACS Accelerate/Téo Taxi, "Planification des permutations de véhicules chez Téo Taxi", J.-F. Cordeau, J. Gaudreault, C.-G. Quimper, 80 000 $, 2018-2019.
- MITACS Accelerate/JDA Software Canada, "Data-driven Innovation for the Supply Chain and Retail Industry", Y. Adulyasak, N. Chapados, J.-F. Cordeau, S.D. Jena, A. Lodi, L.-M. Rousseau, 426 667 $, 2017-2019.
- CRSNG/Canadian National Railway, Recherche et développement en collaboration, "Optimization of Intermodal Rail Operations and Locomotive Fleet Management", E. Frejinger, J.-F. Cordeau, T.G. Crainic, 585 000 $, 2017-2019.
- CRSNG, Subvention à la découverte – individuelle, "Logistics and transportation", 225 000 $, 2014-2019.
- CRSNG, Subvention à la découverte – supplément d'accélération, "Logistics and transportation", 120 000 $, 2014-2017.
- FRQNT, Projet de recherche en équipe, "Méthodes d'optimisation appliquées à la planification intégrée de la production et de la distribution", J.-F. Cordeau, G. Laporte, R. Jans, 117 000 $, 2013-2016.
- Chaire de recherche du Canada en logistique et en transport, 500 000 $, 2011-2016.
- FCI, Fonds des leaders, "Computer Facilities for Modelling and Optimization in Logistics and Transportation", 466 473 $, 2011.
- CRSNG, Subvention à la découverte – individuelle, "Logistics and transportation", 200 000 $, 2009-2014.
- MITACS, "Optimisation du transport et de la logistique dans le secteur forestier", B. Gendron, J.-F. Cordeau, S. D'Amours, J.A. Ferland, J.-M. Frayret, M. Gendreau, L. Lebel, G. Pesant, L.-M. Rousseau, 127 000 $, 2009-2010.
- FQRNT, Projet de recherche en équipe, G. Laporte, J.-F. Cordeau, 136 080 $, 2008-2011.
- Chaire de recherche du Canada en logistique et en transport, 500 000 $, 2006-2011.
- MITACS, "Optimisation du transport multimodal dans le secteur forestier", B. Gendron, J.-F. Cordeau, S. D'Amours, J. Ferland, M. Gendreau, L.M. Rousseau, 40 000 $, 2006-2008.
- CRSNG/Kronos Altitude, Recherche et développement en collaboration, "Logiciel d'optimisation utilisant l'agrégation de contraintes", F. Soumis, J.-F. Cordeau, G. Desaulniers, J. Desrosiers, M. Gamache, A. Hertz, P. Galinier, 383 307 $, 2006-2008.
- CRSNG, Subvention à la découverte – individuelle, "Logistics and transportation", 110 000 $, 2004-2009.
- FQRNT, Établissement de nouveaux chercheurs, "Planification intégrée en logistique et en transport", 45 000 $, 2003-2006.
- FQRNT, Établissement de nouveaux chercheurs – équipement, 18 000 $, 2003-2004.
- CRSNG/AD OPT Technologies, Recherche et développement en collaboration, "Optimisation d'horaires d'employés travaillant sur des quarts", F. Soumis, J.-F. Cordeau, G. Desaulniers, A. Hertz, 470 000 $, 2003-2006.
- FCAR, Soutien aux équipes de recherche, "Méthodes d'optimisation appliquées à la gestion des transports", G. Laporte, J.-F. Cordeau, M. Gendreau, J.-Y. Potvin, 264 000 $, 2001-2004.
- FCAR, Soutien aux équipes de recherche – équipement, 25 000 $, 2001-2002.
- CRSNG, Subvention de recherche individuelle, "Méthodes de décomposition pour la planification intégrée en logistique et en transport", 71 140 $, 2000-2004.
- CRSNG/AD OPT Technologies, Recherche et développement en collaboration, "Méthodes d'optimisation pour l'affectation des activités aux employés", F. Soumis, J.-F. Cordeau, G. Desaulniers, 139 000 $, 1999-2001.

Articles dans des revues scientifiques arbitrées

1. Schlenkrich, M., Cordeau, J.-F., Parragh, S.N., "Progressive Hedging for Multi-stage Stochastic Lot Sizing Problems with Setup Carry-over Under Uncertain Demand", *Computers & Operations Research* 193, 107523, 2026.
2. Wang, E., Yang, L., Adulyasak, Y., Cordeau, J.-F., Gao, Z., "Joint Rolling Stock and Crew Scheduling in Urban Rail Networks", *Transportation Science* 60, 197-223, 2026.
3. Wu, T., Chen, W., Cordeau, J.-F., Jans, R., "Machine Learning-Empowered Benders Decomposition for Flow Hub Location in E-Commerce", *INFORMS Journal on Computing* 38, 463-489, 2026.
4. Vadseth, S.T., Andersson, H., Cordeau, J.-F., Stålhane, M., "Mixed Integer Programs to Improve Solutions of Vehicle Routing Problems with Intra-route Constraints", *Journal of Heuristics* 32, 13, 2026.
5. Dumez, D., Cordeau, J.-F., Jans, R., "Stochastic Production-Distribution Planning with Transportation Mode-Dependent Lead Times", *Computers & Operations Research* 190, 107429, 2026.
6. Cabrera, N., Cordeau, J.-F., Mendoza, J.E., "A Survey of Workforce Scheduling and Routing problems", *Computers & Operations Research* 189, 107344, 2026.
7. Wang, W., Adulyasak, Y., Cordeau, J.-F., "Electric Vehicle Routing with Heterogeneous Charging Stations", *Computers & Operations Research* 189, 107374, 2026.
8. Kermani, A., Cordeau, J.-F., Jans, R., "The Stochastic Production Routing Problem with Adaptive Routing and Service Level Constraints", *Omega* 141, 103496, 2026.
9. Avishan, F., Dems, A., Adulyasak, Y., Arslan, O., Cordeau, J.-F., "Inventory Routing with Heterogeneous Vehicles and Backhauling", *Transportation Research Part E* 205, 104491, 2026.
10. Rahal, S.S., Dems, A., Adulyasak, Y., Arslan, O., Cordeau, J.-F., "Facility Location with Modular Capacity Under Demand Uncertainty: An Industrial Case Study", *INFOR 63,* 593–623, 2025.
11. Basallo-Triana, M., Cordeau, J.-F., Vidyarthi, N., "Intermodal Hub Network Design with Probabilistic Service-Level Constraints", *Transportation Science* 59, 518-539, 2025.
12. Cabrera, N., Cordeau, J.-F., Mendoza, J.E., "The Workforce Scheduling and Routing Problem with Park-and-loop", *Networks* 85, 38-60, 2025.
13. Wang, W., Adulyasak, Y., Cordeau, J.-F., He, G., "The Heterogeneous-Fleet Electric Vehicle Routing Problem with Nonlinear Charging Functions", *Transportation Research Part C* 170, 104932, 2025.
14. Ferrari, B., Cordeau, J.-F., Delorme, M., Iori, M., Orosei, R., "Satellite Scheduling Problems: a Survey of Applications in Earth and Outer Space Observation", *Computers & Operations Research* 173, 106875, 2025.
15. Máximo, V., Cordeau, J.-F., Nascimento, M., "A Hybrid Adaptive Iterated Local Search Heuristic for the Maximal Covering Location Problem"*, International Transactions in Operational Research* 32, 176-193, 2025.
16. Cordeau, J.-F., Legato, P., Mazza, R.M., "Integrating Storage Allocation with Manual Order Picking and Replenishment Operations in a Distribution Centre", *International Journal of Production Research* 63, 2694–2710, 2024.
17. Cordeau, J.-F., Iori, M., Vezzali, D., "An Updated Survey of Attended Home Delivery and Service Problems with a Focus on Applications", *Annals of Operations Research* 343, 885-922, 2024.
18. Sharif, N., Rönnqvist, M., Cordeau, J.-F., Audy, J.-F., Warya, G., Ngo, T., "Multi-objective Vessel Routing Problems with Safety Considerations: A Review", *Maritime Transport Research* 7, 100122, 2024.
19. Hajli, K., Rönnqvist, M., Dadouchi, C., Audy, J.-F., Cordeau, J.-F., Warya, G., Ngo, T., "A Fuel Consumption Prediction Model for Ships Based on Historical Voyages and Meteorological Data"*, Journal of Marine Engineering & Technology* 23, 439-450, 2024.
20. Robinson La Rocca, C., Cordeau, J.-F., Frejinger, E., "Combining supervised learning and local search for the multicommodity capacitated fixed-charge network design problem", *Transportation Research Part E* 192, 103805, 2024.
21. Máximo, V., Cordeau, J.-F., Nascimento, M., "AILS-II: An Adaptive Iterated Local Search Heuristic for the Large-scale Capacitated Vehicle Routing Problem"*, INFORMS Journal on Computing* 36, 974-986, 2024.

22. Kermani, A., Cordeau, J.-F., Jans, R., "A Progressive Hedging-based Matheuristic for the Stochastic Production Routing Problem with Adaptive Routing", *Computers & Operations Research* 169, 106745, 2024.
23. Robinson La Rocca, C., Cordeau, J.-F., Frejinger, E., "One-shot Learning for MIPs with SOS1 Constraints", *Operations Research Forum* 5, 57, 2024.
24. Stokkink, P., Cordeau, J.-F., Geroliminis, N., "A Column and Row Generation Approach to the Crowd-shipping Problem with Transfers", *Omega* 128, 103134, 2024.
25. Alvarez, A., Cordeau, J.-F., Jans, R., "The Consistent Vehicle Routing Problem with Stochastic Customers and Demands", *Transportation Research Part B* 186, 102968, 2024.
26. Wu, F., Adulyasak, Y., Cordeau, J.-F., "Modeling and Solving the Traveling Salesman Problem with Speed Optimization for a Plug-in Hybrid Electric Vehicle", *Transportation Science* 58, 562-577, 2024.
27. Mahéo, A., Belieres, S., Adulyasak, Y., Cordeau, J.-F., "Unified Branch-and-Benders-Cut for Two-Stage Stochastic Mixed-Integer Programs", *Computers & Operations Research* 164, 106526, 2024.
28. Gruson, M., Cordeau, J.-F., Jans, R., "Split Demand and Deliveries in an Integrated Three-Level Lot Sizing and Replenishment Problem", *Computers & Operations Research* 161, 106434, 2024.
29. Baldacci, R., Coniglio, S., Cordeau, J.-F., Furini, F., "A Numerically-Exact Algorithm for the Bin Packing Problem", *INFORMS Journal on Computing* 36, 141-162, 2024.
30. Cordeau, J.-F., Iori, M., Vezzali, D., "A Survey of Attended Home Delivery and Service Problems with a Focus on Applications", *4OR* 21, 547-583, 2023.
31. Cabrera, N., Cordeau, J.-F., Mendoza, J.E., "Solving the Park-and-loop Routing Problem by Branch-price-and-cut", *Transportation Research Part C* 157, 104369, 2023.
32. Belieres, S., Adulyasak, Y., Cordeau, J.-F., "Scheduling Multi-staged Jobs on Parallel Identical Machines and a Central Server with Sequence-dependent Setup Times: An Application to an Automated Kitchen", *Computers & Operations Research* 160, 106387, 2023.
33. Smilowitz, K., Cordeau, J.-F., Thomas, B., Pisinger, D., Yin, Y., Campbell, A.M., "Special Issue on Emerging Topics in Transportation Science and Logistics", *Transportation Science* 57, 839-842, 2023.
34. Basallo-Triana, M., Bravo-Bastidas, J.J., Contreras, I., Cordeau, J.-F., Vidal-Holguín, C.J., "Intermodal Hub Network Design with Generalized Capacity Constraints and Non-synchronized Train-truck operations", *Transportation Research Part B* 174, 102770, 2023.
35. Ghanei, S., Contreras, I., Cordeau, J.-F., "A Two-stage Stochastic Collaborative Intertwined Supply Network Design Problem Under Multiple Disruptions", *Transportation Research Part E* 170, 102944, 2023.
36. Cordeau, J.-F., Iori, M., Mendes, N.F.M., Nelli, D., Tedeschi, R., "Minimizing User Inconvenience and Operational Costs in a Dial-a-Flight Problem for Flying Safaris", *INFOR* 61, 104-140, 2023.
37. Shahnejat-Bushehri, S., Kermani, A., Arslan, O., Cordeau, J.-F., Jans, R., "A Vehicle Routing Problem with Time Windows and Workload Balancing for COVID-19 Testers: A Case Study", *IFAC-PapersOnLine* 55, 2920-2925, 2022.
38. Thevenin, S., Adulyasak, Y., Cordeau, J.-F., "Stochastic Dual Dynamic Programming for Multi-Echelon Lot-sizing with Component Substitution", *INFORMS Journal on Computing* 34, 3151-3169, 2022.
39. Wu, L., Adulyasak, Y., Cordeau, J.-F., Wang, S., "Vessel Service Planning in Seaports", *Operations Research* 70, 2032-2053, 2022.
40. Alvarez, A., Cordeau, J.-F., Jans, R., "The Consistent Production Routing Problem", *Networks* 80, 356-381, 2022.
41. Nguyen, D.T., Adulyasak, Y., Cordeau, J.-F., Ponce, S., "Data-driven operations and supply chain management: established research clusters from 2000 to early 2020", *International Journal of Production Research* 60, 5407-5431, 2022.
42. Bongiovanni, C., Kaspi, M., Cordeau, J.-F., Geroliminis, N., "A Machine Learning-driven Two-phase Metaheuristic for Autonomous Ridesharing Operations", *Transportation Research Part E* 165, 102835, 2022.
43. Máximo, V.R., Cordeau, J.-F., Nascimento, M.C.V., "An Adaptive Iterated Local Search Heuristic for the Heterogeneous Fleet Vehicle Routing Problem", *Computers & Operations Research* 148, 105954, 2022.

44. Ruf, M., Cordeau, J.-F., Frejinger, E., "The Load Planning and Sequencing Problem for Double-Stack Trains", *Journal of Rail Transport Planning & Management* 23, 100337, 2022.
45. Cabrera, N., Cordeau, J.-F., Mendoza, J.E., "The Doubly Open Park-and-loop Routing Problem", Computers & Operations Research, *Computers & Operations Research* 143, 105761, 2022.
46. Miranda, P.L., Cordeau, J.-F., Frejinger, E., "A Time-Space Formulation for the Locomotive Routing Problem at the Canadian National Railways", *Computers & Operations Research* 139, 105629, 2022.
47. Hellsten, E., Koza, D.F., Contreras, I., Cordeau, J.-F., Pisinger, D., "The Transit Time Constrained Fixed Charge Multi-commodity Network Design Problem", *Computers & Operations Research* 136, 105511, 2021.
48. Ruf, M., Cordeau, J.-F., "Adaptive Large Neighborhood Search for Integrated Planning in Railroad Classification Yards", *Transportation Research Part B* 150, 26-51, 2021.
49. Bruck, B.P., Cordeau, J.-F., Frejinger, E., "Integrated Inbound Train Split and Load Planning in an Intermodal Railway Terminal", *Transportation Research Part B* 145, 270-289, 2021.
50. Ortiz-Astorquiza, C., Cordeau, J.-F., Frejinger, E., "The Locomotive Assignment Problem with Distributed Power at the Canadian National Railway Company", *Transportation Science* 55, 510-531, 2021.
51. Thevenin, S., Adulyasak, Y., Cordeau, J.-F., "Material Requirements Planning Under Demand Uncertainty Using Stochastic Optimization", *Production and Operations Management* 30, 475-493, 2021.
52. Alvarez, A., Cordeau, J.-F., Jans, R., Munari, P., Morabito, R., "Inventory Routing Under Stochastic Supply and Demand", *Omega* 102, 102304, 2021.
53. Real, L.B., Contreras, I. Cordeau, J.-F., Camargo, R.S., Miranda, G., "Hub Network Design with Flexible Routes", *Transportation Research Part E* 146, 102188, 2021.
54. Fragkos, I., Cordeau, J.-F., Jans, R., "Decomposition Methods for Large-Scale Network Expansion Problems", *Transportation Research Part B* 144, 60-80, 2021.
55. Gruson, M., Cordeau, J.-F., Jans, R., "Benders Decomposition for a Stochastic Three-level Lot Sizing and Replenishment Problem with a Distribution Structure", *European Journal of Operational Research* 291, 206-217, 2021.
56. Bruck, B., Castegini, F., Cordeau, J.-F., Iori, M., Poncemi, T., Vezzali, D., "A Decision Support System for Attended Home Services", *INFORMS Journal on Applied Analytics* 50, 137-152, 2020.
57. Alvarez, A., Cordeau, J.-F., Jans, R., Munari, P., Morabito, R., "Formulations, Branch-and-Cut and a Hybrid Heuristic Algorithm for an Inventory Routing Problem with Perishable Products", *European Journal of Operational Research* 283, 511-529, 2020.
58. Chitsaz, M., Cordeau, J.-F., Jans, R., "A Branch-and-Cut Algorithm for an Assembly Routing Problem", *European Journal of Operational Research* 282, 896-910, 2020.
59. Huber, S., Cordeau, J.-F., Geiger, M., "A Matheuristic for the Swap-body Vehicle Routing Problem", *OR Spectrum* 42, 111-160, 2020.
60. Markov, I., Bierlaire, M., Cordeau, J.-F., Maknoon, Y., Varone, S., "Waste Collection Inventory Routing with Non-stationary Stochastic Demands", *Computers & Operations Research* 113, 104798, 2020.
61. Robinson La Rocca, C., Cordeau, J.-F., "Heuristics for Electric Taxi Fleet Management at Teo Taxi", *INFOR* 57 642-666, 2019.
62. Kramer, R., Cordeau, J.-F., Iori, M., "Rich Vehicle Routing with Auxiliary Depots and Anticipated Deliveries: An Application to Pharmaceutical Distribution", *Transportation Research Part E* 129, 162-174, 2019.
63. Zetina, C.A., Contreras, I., Cordeau, J.-F., "Exact Algorithms Based on Benders Decomposition for Multicommodity Uncapacitated Fixed-charge Network Design", *Computers & Operations Research* 111, 311-324, 2019.
64. Gruson, M., Bazrafshan, M., Cordeau, J.-F., Jans, R., "A Comparison of Formulations for a Three-level Lot Sizing and Replenishment Problem with a Distribution Structure", *Computers & Operations Research* 111, 297-310, 2019.
65. Zetina, C.A., Contreras, I., Cordeau, J.-F., "Profit-oriented Fixed-charge Network Design with Elastic Demand", *Transportation Research Part B* 127, 1-19, 2019.

66. Trottier, L.-P., Cordeau, J.-F., "Solving the Vessel Routing and Scheduling Problem at a Canadian Maritime Transportation Company", *INFOR* 57, 260-285, 2019.
67. Neves-Moreira, F., Almada-Lobo, B., Cordeau, J.-F., Guimarães, L., Jans, R., "Solving a Large Multi-product Production-Routing Problem with Delivery Time Windows", *Omega* 86, 154-172, 2019.
68. Cordeau, J.-F., Furini, F., Ljubić, I., "Benders Decomposition for Very Large Scale Partial Set Covering and Maximal Covering Location Problems", *European Journal of Operational Research* 275, 882-896, 2019.
69. Chitsaz, M., Cordeau, J.-F., Jans, R., "A Unified Decomposition Matheuristic for Assembly, Production and Inventory Routing", *INFORMS Journal on Computing* 31, 134-152, 2019.
70. Ghilas, V., Cordeau, J.-F., Demir, E., Van Woensel, T., "Branch-and-Price for the Pickup and Delivery Problem with Time Windows and Scheduled Lines", *Transportation Science* 52, 1191-1210, 2018.
71. Vié, M.-S., Zufferey, N., Cordeau, J.-F., "Solving the Wire-Harness Design Problem at a European Car Manufacturer", *European Journal of Operational Research* 272, 712-724, 2018.
72. Bruck, B.P., Cordeau, J.-F., Iori, M., "A Practical Time Slot Management and Routing Problem in Attended Home Services", *Omega* 81, 208-219, 2018.
73. Miranda, P., Cordeau, J.-F., Ferreira, D., Jans, R., Morabito, R., "A Decomposition Heuristic for a Rich Production Routing Problem", *Computers & Operations Research* 98, 211-230, 2018.
74. Markov, I., Bierlaire, M., Cordeau, J.-F., Maknoon, Y., Varone, S., "A Unified Framework for Rich Routing Problems with Stochastic Demands", *Transportation Research Part B*, 114, 213-240, 2018.
75. Gruson, M., Cordeau, J.-F., Jans, R., "The Impact of Service Level Constraints in Deterministic Lot Sizing with Backlogging", *Omega* 79, 91-103, 2018.
76. Zetina, C.A., Contreras, I., Cordeau, J.-F., Nikbakhsh, E., "Robust Uncapacitated Hub Location", *Transportation Research Part B* 106, 393-410, 2017.
77. Laurainne, P., Jobin, M.-H., Cordeau, J.-F., Becker, G., Shanti, A., Kurtz, J.-E., Gourieux, B., « Optimisation du parcours patient en hôpital de jour en oncohématologie par simulation intégrée à une démarche kaizen », *Logistique & Management* 25, 34-42, 2017.
78. Jena, S.D., Cordeau, J.-F., Gendron, B., "Lagrangian Heuristics for Large-Scale Dynamic Facility Location with Generalized Modular Capacities", *INFORMS Journal on Computing* 29, 388-404, 2017.
79. Parragh, S.N., Cordeau, J.-F., "Branch-and-Price and Adaptive Large Neighborhood Search for the Truck and Trailer Routing Problem with Time Windows", *Computers & Operations Research* 83, 28-44, 2017.
80. Gullhav, A.N., Cordeau, J.-F., Hvattum, L.M., Nygreen, B., "Adaptive Large Neighborhood Search Heuristics for Multi-tier Deployment Problems in Clouds", *European Journal of Operational Research* 259, 829-846, 2017.
81. Beezão, A.C., Cordeau, J.-F., Laporte, G., Yanasse, H.H., "Scheduling Identical Parallel Machines with Tooling Constraints", *European Journal of Operational Research* 257, 834-844, 2017.
82. Solyali, O., Cordeau, J.-F., Laporte, G., "The Impact of Modeling on Robust Inventory Management under Demand Uncertainty", *Management Science* 62, 1188-1201, 2016.
83. Jena, S.D., Cordeau, J.-F., Gendron, B., "Solving a Dynamic Facility Location Problem with Partial Closing and Reopening", *Computers & Operations Research* 67, 143-154, 2016.
84. Sinclair, K., Cordeau, J.-F., Laporte, G., "A Column Generation Post-Optimization Heuristic for the Integrated Aircraft and Passenger Recovery Problem", *Computers & Operations Research* 65, 42-52, 2016.
85. Moreira, M.C.O, Cordeau, J.-F., Costa, A.M., Laporte, G., "Robust Assembly Line Balancing with Heterogeneous Workers", *Computers & Industrial Engineering* 88, 254-263, 2015.
86. Adulyasak, Y., Cordeau, J.-F., Jans, R., "Benders Decomposition for Production Routing Under Demand Uncertainty", *Operations Research 63*, 851-867, 2015.
87. Martins de Sá, E., Contreras, I., Cordeau, J.-F., de Camargo, R.S., de Miranda, G., "The Hub Line Location Problem", *Transportation Science* 49, 500-518, 2015.
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12. Leandro Callegari Coelho (Ph.D.), HEC Montréal, "Flexibility and Consistency in Inventory-Routing", 2012, J.-F. Cordeau, G. Laporte.
13. Claudio Contardo (Ph.D.), Université de Montréal, "Models and Algorithms for the Capacitated Location-Routing Problem", 2011, J.-F. Cordeau, B. Gendron.
14. Julie Paquette (Ph.D.), HEC Montréal, "Mesures de qualité de service et confection de tournées en transport adapté", 2010, J.-F. Cordeau, G. Laporte.
15. Benoit Crevier (Ph.D.), École Polytechnique de Montréal, "Intégration de la planification des opérations et de la gestion du revenu pour le transport ferroviaire de marchandises", 2009, J.-F. Cordeau, G. Savard.
16. Gerardo Berbeglia (Ph.D.), HEC Montréal, "Complexity Analyses and Algorithms for Pickup and Delivery Problems", 2009, J.-F. Cordeau, G. Laporte.
17. Alysson Machado Costa (Ph.D.), HEC Montréal, "Models and algorithms for two network design problems", 2006, J.-F. Cordeau, B. Gendron, J.-L. Goffin, G. Laporte.
18. Monia Rekik (Ph.D.), École Polytechnique de Montréal, "Constrction d'horaires de travail dans des environnements hautement flexibles", 2006, J.-F. Cordeau, F. Soumis.
19. Luigi Moccia (Ph.D.), Università della Calabria, Facoltà di Ingegneria, Dipartimento di Elettronica, Informatica e Sistemistica, "New Optimization Models and Algorithms for the Management of Maritime Container Terminals", 2005, J.-F. Cordeau, M. Gaudioso, G. Laporte.

20. Béatrice Hajjar (M.S.c), Université de Montréal, "Le problème de routage des locomotives au CN : Une nouvelle approche pour des solutions plus résilientes", 2025, J.-F. Cordeau, E. Fejinger.
21. Giang Pham Hoang (M.Sc.), Université de Montréal, "A Rolling Horizon Approach for the Locomotive Routing Problem at the Canadian National Railway Company", 2020, J.-F. Cordeau, E. Frejinger.
22. Louis-Pierre Trottier (M.Sc.), HEC Montréal, "Résolution d'un problème de tournées de navires pour une entreprise canadienne de transport maritime", 2017, J.-F. Cordeau.
23. Thi Xuan Hoa Du (M.Sc.), HEC Montréal, "Electronic Commerce Distribution and Fulfillment in Canada: The Case of a Large Canadian Retailer", 2017, J.-F. Cordeau.
24. Charly Robinson La Rocca (M.Sc.), HEC Montréal, "Algorithmes d'optimisation pour la gestion d'une flotte de taxis électriques", 2017, J.-F. Cordeau.
25. Khalid Amghar (M.Sc.), Département d'informatique et de recherche opérationnelle, Université de Montréal, "Une heuristique de recherche à voisinage variable pour le problème du voyageur de commerce avec fenêtres de temps: Minimisation du temps du retour au dépôt", 2016, B. Gendron, J.-F. Cordeau.
26. David Thibodeau (M.Sc.), HEC Montréal, HEC Montréal, "Optimisation d'un réseau de production et distribution avec incertitude dans la demande : un cas pratique", 2016, J.-F. Cordeau.
27. Pauline Laurainne (M.Sc.), HEC Montréal, "Optimisation du parcours patient en hôpital de jour en oncohématologie par simulation intégrée à une démarche kaizen", 2016, J.-F. Cordeau, M.-H. Jobin.
28. Sami Birem (M.Sc.), HEC Montréal, "Une méthode de reconfiguration saisonnière des zones de préparation de commandes d'un centre de distribution", 2016, J.-F. Cordeau.
29. Hui Wang (M.Sc.), HEC Montréal, "The Impacts of Carbon Emissions on Distribution Network Design: A Case Study", 2016, J.-F. Cordeau, O. Jabali.
30. Julian Martinez (M.Sc.), HEC Montréal, "Facility location and sizing in network design: a case study with bulk and packaged products", 2015, J.-F. Cordeau, R. Jans.

31. Fabien Peyrol (M.Sc.), HEC Montréal, "Une méthodologie de prise de décision pour la délocalisation en logistique international", 2015, J.-F. Cordeau.
32. Alexandru Vrabii (M.Sc.), HEC Montréal, "Analyse de la distribution des produits alimentaires à domicile: le cas de Montréal", 2014, J.-F. Cordeau.
33. Fatma Khadija Ben Mustapha (M.Sc.), HEC Montréal, "Integration of competitiveness indicators in the modeling of international logistics networks", 2014, J.-F. Cordeau.
34. Ehsanallah Naseri (M.Sc.), HEC Montréal, "An Application of Stochastic Programming to Logistics Network Design Under Demand, Cost and Capacity Uncertainty", 2013, J.-F. Cordeau.
35. Katie Hébert (M.Sc.), HEC Montréal, "Mise en place d'un service régulier d'autobus à Salaberry-de-Valleyfield", 2013, J.-F. Cordeau, G. Laporte.
36. Steve Lynch (M.Sc.), HEC Montréal, "Optimisation des horaires pour des trains de banlieue", 2012, J.-F. Cordeau, G. Laporte.
37. Jean-Michel Gébran (M.Sc.), HEC Montréal, "Un outil de gestion dynamique des tournées de véhicules pour une entreprise de fabrication et de distribution de produits alimentaires", 2011, J.-F. cordeau, J. Roy.
38. Andrée-Eve Brochu (M.Sc.), HEC Montréal, "L'intégration du problème de zone avancée-réserve lors de la conception d'une zone de préparation des commandes dans un centre de distribution", 2011, J.-F. Cordeau.
39. François Sarrazin (M.Sc.), HEC Montréal, "Assignation de véhicules en charges complètes dans une entreprise de camionnage", 2010, J.-F. Cordeau, G. Laporte.
40. Emna Khlif (M.Sc.), HEC Montréal, "Optimisation basée sur la simulation pour la conception de réseaux logistiques", 2010, J.-F. Cordeau.
41. Adodo Komlan (M.Sc.), HEC Montréal, "Estimation du coût d'impartition du transport dans un réseau local de santé", 2010, J.-F. Cordeau, G. Laporte.
42. Michèle Major (M.Sc.), HEC Montréal, "Élaboration de tournées de véhicules robustes pour le problème périodique avec fenêtres de temps et temps de parcours stochastiques", 2010, J.-F. Cordeau, G. Laporte.
43. Alexis Houle (M.Sc.), HEC Montréal, "Ordonnancement de la production d'un atelier de vérification de microprocesseurs", 2009, J.-F. Cordeau, F. Pasin.
44. Émilie Juhant (M.Sc.), HEC Montréal, "Optimisation d'un problème de tournées de véhicules dans le domaine de la distribution de produits équitables au Canada", 2009, J.-F. Cordeau.
45. Éric Drouin (M.Sc.), HEC Montréal, "L'impact de la réglementation des heures de conduite sur les transporteurs routiers", 2008, J.-F. Cordeau, J. Roy.
46. Richard Moussalli, HEC Montréal, "Résolution d'un problème de tournées de véhicules pour un fabricant de produits d'emballage en Arabie Saoudite", 2008, J.-F. Cordeau, G. Laporte.
47. Alexandra Marcoux (M.Sc.), HEC Montréal, "Optimisation du réseau de distribution d'une entreprise manufacturière", 2008, J.-F. Cordeau.
48. Gabriel St-Georges (M.Sc.), HEC Montréal, "L'utilisation des technologies de l'information et des communications par l'industrie québécoise du transport routier des marchandises", 2007, J.-F. Cordeau, J. Roy.
49. Tuyva Chan (M.Sc.), HEC Montréal, "Localisation d'usines satellites dans le domaine forestier", 2007, J.-F. Cordeau, G. Laporte.
50. Meriam Mathlouthi (M.Sc.), HEC Montréal, "Résolution d'un problème de transport à la demande", 2007, J.-F. Cordeau, G. Laporte.
51. Xiuli Qi (M.Sc.), HEC Montréal, "A Constructive Heuristic for the Traveling Salesman Problem with Multiple Time Windows", 2007, J.-F. Cordeau, G. Laporte.
52. Karine Sinclair (M.Sc.), HEC Montréal, "Un algorithme de recherche avec tabous pour le problème du cycle médian à plusieurs véhicules", 2007, J.-F. Cordeau, G. Laporte.
53. Ghislain Dubuc (M.Sc.), HEC Montréal, "Une heuristique de recherche avec tabous pour la conception de réseaux de distribution de contenu électronique", 2007, J.-F. Cordeau, G. Laporte.

54. Jean-Philippe Racine (M.Sc.), HEC Montréal, "Méthodes de diversification pour l'ordonnancement de voitures", 2007, (J.-F. Cordeau, F. Pasin).
55. Jian Yang Zhang (M.Sc.), HEC Montréal, "La planification du transport international", 2007, J.-F. Cordeau, J. Roy.
56. Pablo-Jose Chacon-Rincon (M.Sc.), HEC Montréal, "Global Distribution Network Design", 2007, J.-F. Cordeau.
57. Dominick Samson (M.Sc.), HEC Montréal, "Ordonnancement de la production d'un atelier de vérifications électriques de modules électroniques", 2007, J.-F. Cordeau, F. Pasin.
58. Rahamata Diomande (M.Sc.), HEC Montréal, "La gestion prévisionnelle de la demande en contexte d'intégration: Le cas de l'industrie pharmaceutique", 2007, J.-F. Cordeau, A. Tchokogué.
59. Marie-Ève Rancourt (M.Sc.), HEC Montréal, "Étude d'algorithmes constructifs pour un problème de tournées de véhicules périodique", 2007, J.-F. Cordeau, G. Laporte.
60. Hélène Marchand (M.Sc.), HEC Montréal, "Optimisation d'un problème de tournées de véhicules se posant dans l'industrie du carton", 2006, J.-F. Cordeau, G. Laporte.
61. Julie Paquette (M.Sc.), HEC Montréal, "Une étude comparative de divers modèles pour le problème de transport à la demande", 2006, J.-F. Cordeau, G. Laporte.
62. Geneviève Parent (M.Sc.), HEC Montréal, "Analyse de la demande de nouveaux médicaments génériques", 2006, J.-F. Cordeau, S. Landry.
63. Julie Rosato (M.Sc.), HEC Montréal, "L'implication des transporteurs routiers dans leurs relations avec les acteurs de la chaîne logistique", 2006, J.-F. Cordeau, J. Roy.
64. Walid Siala (M.Sc.), HEC Montréal, "Un algorithme génétique pour le problème d'ordonnancement de voitures", 2006, J.-F. Cordeau, F. Pasin.
65. Catherine Gingras (M.Sc.), HEC Montréal, "Optimisation du transport dans l'industrie forestière", 2005, J.-F. Cordeau, G. Laporte.
66. Anne-Marie Walach (M.Sc.), HEC Montréal, "Optimisation de la distribution de produits alimentaires", 2004, J.-F. Cordeau, G. Laporte.
67. Vincent Raymond (M.Sc.), HEC Montréal, "Gestion de la mission de satellites d'observation de la Terre", 2004, J.-F. Cordeau, G. Laporte.
68. Karine Lacerte (M.Sc.), HEC Montréal, "Optimisation simultanée des tailles de lots et de l'ordonnancement de la production", 2004, J.-F. Cordeau, G. Laporte.
69. Marie-Sandrine Millet (M.Sc.), HEC Montréal, "Comparaison par l'optimisation de différents systèmes de réapprovisionnement des unités de soins en fournitures médicales", 2004, J.-F. Cordeau, S. Landry.
70. Nathalie Ouellet (M.Sc.), HEC Montréal, "L'utilisation de l'information en temps réel dans l'industrie du transport routier des marchandises", 2004, J.-F. Cordeau, J. Roy.
71. Stéphanie Gillenwater (M.Sc.), HEC Montréal, "Impacts de la réglementation sur les heures de conduite", 2004, J.-F. Cordeau, G. Laporte.
72. Rémy Monfet (M.Sc.), HEC Montréal, "Localisation de centres de tri de colis", 2004, J.-F. Cordeau, G. Laporte.
73. Ghislain Gagné (M.Sc.), HEC Montréal, "L'amplification de la variabilité de la demande: simulation d'un réseau de distribution", 2004, J.-F. Cordeau, S. Landry.
74. Ève Lacasse-Guay (M.Sc.), HEC Montréal, "Une application de la programmation stochastique à la conception de réseaux logistiques", 2003, J.-F. Cordeau.
75. Dominic Paquette (M.Sc.), HEC Montréal, "Un problème de localisation et de tournées se posant dans la livraison du courier", 2003, J.-F. Cordeau, G. Laporte.
76. Robert Morisset (M.Sc.), HEC Montréal, "Une comparaison de deux méthodes de résolution pour le problème combiné de localisation et de tournées de véhicules avec fenêtres de temps", 2002, J.-F. Cordeau, J. Desrosiers.
77. Benoît Crevier (M.Sc.), HEC Montréal, "Le problème de tournées de véhicules multi-dépôts avec possibilités

d'interpinage", 2002, J.-F. Cordeau, G. Laporte.

78. Guillaume Hamer-Lavoie (M.Sc.), HEC Montréal, "Conception de réseaux de distribution avec localisation, affectation et stocks", 2002, J.-F. Cordeau.
79. Yolaine Cohen-Scali (M.Sc.), HEC Montréal, "Itinéraires d'autobus scolaires avec flexibilité sur les horaires des écoles", 2002, J.-F. Cordeau, J. Desrosiers.
80. Karine Cousineau-Ouimet (M.Sc.), HEC Montréal, "Une méthode de recherche avec tabous pour le problème de tournées de véhicules avec contraintes de stocks", 2002, J.-F. Cordeau, G. Laporte.

Étudiants actuels

1. Lucas Fromont (PhD.), HEC Montréal, J.-F. Cordeau, J. Mendoza.
2. Kaoutar Hajli (Ph.D.), Université Laval, M. Rönnqvist, J.-F. Cordeau.
3. Juan Sebastian Riveros Perez, HEC Montréal, J.-F. Cordeau, J. Mendoza.
4. Nazanin Sharif (Ph.D.), Université Laval, M. Rönnqvist, J.-F. Cordeau.
5. Ziyuan Sun (Ph.D.), Concordia University, C. Contardo, J.-F. Cordeau.

Autres activités professionnelles

- Rédacteur associé (Area Editor) de *INFOR*
- Rédacteur associé (Area Editor) de *Transportation Science*
- Membre du comité éditorial de *Computers & Operations Research*
- Membre du comité aviseur de *Transportation Research Part E: Logistics and Transportation Review*
- Membre du comité éditorial aviseur de *Cleaner Logistics and Supply Chain*
- Membre du comité scientifique de *Transportation Research Part C: Emerging Technologies*
- Membre du comité aviseur de *International Journal of Automation and Logistics*
- Rédacteur invité (avec C. Archetti et G. Desaulniers), numéro special du *EURO Journal on Transportation and Logistics:* "Combining optimization and machine learning: Application in vehicle routing, network design and crew scheduling", 2021.

- Membre du comité de programme, Odysseus 2027 – Tenth International Workshop on Freight Transportation and Logistics, Kefalonia, Grèce, mai 2027.
- Membre du comité scientifique, 2026 INFORMS Transportation and Logistics Society Conference, Boston, juillet 2026.
- Co-responsable du 2026 INFORMS Railway Application Section Student Paper Competition.
- Membre du comité de programme, International Symposium on Combinatorial Optimization (ISCO) 2026, Izmir, Turquie, Mai 2026.
- Membre du comité de programme, Twelfth Triennial Symposium on Transportation Analysis (TRISTAN XII), Okinawa, Japon, juin 2025.
- Membre du comité de programme, 15th Metaheuristics International Conference, Lorient, France, juin 2024.
- Membre du comité de programme, Odysseus 2024 – Ninth International Workshop on Freight Transportation and Logistics, Carmona, Espagne, mai 2024.
- Membre du comité de programme, International Symposium on Combinatorial Optimization, Tenerife, Espagne, mai 2024.

- Membre du comité scientifique, 2023 INFORMS Transportation and Logistics Society Conference, Chicago, juillet 2023.
- Membre du comité organisateur, Optimization Workshop in Logistics, Lecce, Italie, juin 2023.
- Membre du comité de programme, 14th Metaheuristics International Conference (MIC 2022), Ortigia-Syracuse, Italie, juillet 2022.
- Membre du comité scientifique, Eleventh Triennial Symposium on Transportation Analysis (TRISTAN XI), Ile Maurice, juin 2022.
- Membre du comité de programme, Odysseus 2021 – Eighth International Workshop on Freight Transportation and Logistics, Tangier, Maroc, mai 2022.
- Membre du comité scientifique, Transportation Science and Logistics Workshop, conference en ligne, juillet 2021.
- Membre du comité de programme, Metaheuristics Interational Conference, Carthagène, Colombie, juillet 2019.
- Membre du comité scientifique, Workshop of the Transportation Science and Logistics Society of INFORMS, Vienne, juillet 2019.
- Membre du comité scientifique, Tenth Triennial Symposium on Transportation Analysis (TRISTAN X), Hamilton Island, Australie, juin 2019.
- Membre du comité scientifique, ISMP 2018 – 23rd International Symposium on Mathematical Programming, Bordeaux, France, juillet 2018.
- Membre du comité de programme, Odysseus 2018 – Seventh International Workshop on Freight Transportation and Logistics, Cagliari, Italie, juin 2018.
- Membre du comité scientifique, First INFORMS Transportation Science and Logistics Society Conference, Chicago, juillet 2017.
- Responsable (avec I. Contreras) du thème « Discrete Optimization in Logistics and Transportation », 21st Conference of the International Federation of Operational Research Societies, Québec, juillet 2017.
- Membre du comité de programme, Fifth INFORMS Transportation Science and Logistics Society Workshop, Atlanta, juin 2016.
- Membre du comité scientifique international, Ninth Triennial Symposium on Transportation Analysis (TRISTAN IX), Oranjestad, Aruba, juin 2016.
- Responsable du thème « Transport et logistique », Congrès de la Société canadienne de recherche opérationnelle, Banff, mai-juin 2016
- Coorganisateur (avec R. Jans), International Workshop on Lot Sizing, Montréal, août 2015.
- Responsable des exposés magistraux, CORS/INFORMS International Conference, Montréal, juin 2015.
- Membre du comité scientifique international, Fourth Annual Conference of the EURO Working Group on Vehicle Routing and Logistics Optimization (VeRoLog), Vienne, Autriche, juin 2015.
- Membre du comité scientifique, Odysseus – Sixth International Workshop on Freight Transportation and Logistics, Ajaccio, France, juin 2015.
- Membre du comité aviseur international, Third Annual Conference of the EURO Working Group on Vehicle Routing and Logistics Optimization (VeRoLog), Oslo, Norvège, juin 2014
- Responsable du thème « Transport et logistique », Congrès de la Société canadienne de recherche opérationnelle, Ottawa, mai 2014
- Membre du comité scientifique international, 43rd International Conference on Computers & Industrial Engineering, Hong Kong, October 2013.
- Membre du comité scientifique international, Eighth Triennial Symposium on Transportation Analysis (TRISTAN VIII), San Pedro de Atacama, Chile, juin 2013

- Responsable du thème « Transport et logistique », Congrès de la Société canadienne de recherche opérationnelle, Vancouver, mai 2013
- Membre du comité de programme, ORP3 – Operation Research Peripatetic Postgraduate Programme, Linz, Autriche, juillet 2012
- Membre du comité scientifique, Odysseus – Fifth International Workshop on Freight Transportation and Logistics, Mykonos, Grèce, mai 2012
- Responsable du thème « Transport et logistique », Congrès de la Société canadienne de recherche opérationnelle, Saint-Jean, Terre-Neuve, mai-juin 2011
- Coorganisateur (avec D. Quadri, M. Gendreau et F. Semet), Network Optimization Workshop, Ajaccio, France, août 2010
- Membre du comité scientifique, Tristan VII, Tromso, Norvège, juin 2010
- Coorganisateur (avec T.G. Crainic et G. Laporte), Spring School on Supply Chain and Transportation Network Design, Montréal, mai 2010
- Membre du comité scientifique, Odysseus – Fourth International Workshop on Freight Transportation and Logistics, Izmir, Turquie, mai 2009
- Membre du comité de programme, 7th Metaheuristics International Conference, Montréal, juin 2007
- Coorganisateur (avec G. Laporte), Spring School on Vehicle Routing, Montreal, mai 2006
- Coorganisateur (avec B. Gendron and V. Verter), Congrès conjoint de la Société canadienne de recherche opérationnelle et des Journées de l'optimisation, Montréal, mai 2006
- Membre du comité de programme, 6th Metaheuristics International Conference, Vienne, août 2005
- Coorganisateur (avec G. Laporte), Spring School on Transportation, Montréal, mai 2004
- Coorganisateur (avec B. Gendron), Journées de l'optimisation, Montréal, mai 2004
- Coorganisateur (avec G. Laporte), Spring School on Logistics and Distribution Management, Montréal, mai 2002
- Coorganisateur (avec B. Gendron), Journées de l'optimisation, Montréal, mai 2002

- Membre du Centre interuniversitaire de recherche sur les réseaux d'entreprise, la logistique et le transport (CIRRELT)
- Membre du Groupe d'études et de recherche en analyse des décisions (GERAD)
- Membre du Institute for Operations Research and the Management Sciences (INFORMS)

- Consultant pour AQL Management Consulting, Cascades Récupération, Centre National d'Études Spatiales (France), CIM – Conseil en immobilisation & management, EMCO Limitée, Groupe GCL, Hydro-Québec, Nokia (Finlande), Sky Service Aviation.

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