Laurent ALFANDARI

Professeur
Département: Systèmes d'Information, Data Analytics et Opérations
ESSEC Business School
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Pays d'origine: France

INTERETS DE RECHERCHE

Recherche opérationnelle, Optimisation combinatoire, Programmation mathématique, Gestion des

FORMATION

1999	Doctorat en Recherche Opérationnelle, Université Paris Dauphine-PSL, France
1995	Master of Research, Sciences du Management, Université Paris Dauphine-PSL, France
1993	M.Sc in Management (Grande Ecole program), ESSEC Business School, France
1990	Licence - Mathématiques & Sciences Sociales, Université Paris Dauphine-PSL, France

EXPERIENCE PROFESSIONNELLE

Positions académiques principales

2010 - Présent	Professeur, ESSEC Business School, France
2007 - 2010	Professeur associé, ESSEC Business School, France
2000 - 2007	Professeur assistant, ESSEC Business School, France

Autres affiliations académiques

2025 - 2028	Responsable du département IDO, ESSEC Business School, France
2019 - 2023	CO-Responsable DU MASTER IN DATA SCIENCES AND BUSINESS ANALYTICS, ESSEC Business School, France
2018 - 2021	Responsable de filière PHD Opération & Data Analytics, ESSEC Business School, France
2013 - 2021	Responsable de filière business analytics methods, ESSEC Business School, France
2012 - 2014	Responsable de département, ESSEC Business School, France
2009 - 2011	Directeur académique / Responsable académique, ESSEC Business School, France
2002 - 2020	Membre du LIPN, Sorbonne Université, France

1995 - 2002 Membre du Laboratoire LAMSADE, Université Paris Dauphine-PSL, France

Autres expériences professionnelles

1993 - 1993 Conseil en Urbanisme et Développement de Commerce Spécialisés, PROCOS, France

1992 - 1992 Contrôleur de Gestion, Hachette, France

1992 - 1992 Auditeur interne, TOTAL, France

1991 - 1991 Marketing, Hachette, France

BOURSES, PRIX ET DISTINCTIONS

Prix et Distinctions

2020 Teaching Awards ESSEC Top 4 Permanent Professors, ESSEC Business School, France

PUBLICATIONS

Articles

JUVIGNY, C., ALFANDARI, L. et DELLE DONNE, D. (2026). Freight-on-Transit operational problems with robot delivery: Genetic algorithm and Benders decomposition approaches. *Computers & Operations Research*, 193(1), pp. 107506.

KUZBAKOV, Y., ALFANDARI, L. et DELLE DONNE, D. (2026). A branch-and-price approach for last-mile deliveries with capacitated robot stations. *European Journal of Operational Research*, In press.

HASSANZADEH, A. et ALFANDARI, L. (2026). Drone-enabled early diagnosis of human immunodeficiency virus in infants. *European Journal of Operational Research*, In press.

BISWAS, D., ALFANDARI, L. et ARCHETTI, C. (2026). Static time-based pricing for two-sided on-demand service platforms. *Journal of the Operational Research Society*, In press, pp. 1-27.

ZHAO, Y., ALFANDARI, L. et ARCHETTI, C. (2025). Stochastic scheduling and routing decisions in online meal delivery platforms with mixed force. *European Journal of Operational Research*, 323(1), pp. 139-152.

BISWAS, D., ALFANDARI, L. et ARCHETTI, C. (2024). A Triple Bottom Line optimization model for assignment and routing of on-demand home services. *Computers & Operations Research*, 167, pp. 106644.

DELLE DONNE, D., ARCHETTI, C., ALFANDARI, L. et LJUBIC, I. (2023). Freight-on-Transit for urban last-mile deliveries: A strategic planning approach. *Transportation Research Part B: Methodological*, 169, pp. 53-81.

ALFANDARI, L., LJUBIC, I. et DE MELO DA SILVA, M. (2022). A tailored Benders decomposition approach for last-mile delivery with autonomous robots. *European Journal of Operational Research*, 299(2), pp. 510-525.

BISWAS, D. et ALFANDARI, L. (2022). Designing an optimal sequence of nonpharmaceutical interventions for controlling COVID-19. *European Journal of Operational Research*, 303(3), pp. 1372-1391.

ALFANDARI, L., HASSANZADEH, A. et LJUBIC, I. (2021). An Exact Method for Assortment Optimization under the Nested Logit Model. *European Journal of Operational Research*, 291(3), pp. 830-845.

FURINI, F., LJUBIC, I., SAN SEGUNDO, P. et ZHAO, Y. (2021). A branch-and-cut algorithm for the Edge Interdiction Clique Problem. *European Journal of Operational Research*, 294(1), pp. 54-69.

ALFANDARI, L. et TOULOUSE, S. (2021). Approximation of the Double Traveling Salesman Problem with multiple stacks. *Theoretical Computer Science*, 877, pp. 74-89.

ALFANDARI, L., DENOYEL, V. et THIELE, A. (2020). Solving Utility-Maximization Selection Problems with Multinomial Logit Demand: Is the First-Choice Model a Good Approximation? *Annals of Operations Research*, 292, pp. 553–573.

ZHAO, Y. et ALFANDARI, L. (2020). Design of diversified package tours for the Digital Travel industry: A branch-cut-and-price approach. *European Journal of Operational Research*, 285(3), pp. 825-843.

ZHAO, Y. et ALFANDARI, L. (2020). Design of diversified package tours for the Digital Travel industry: A branch-cut-and-price approach. *European Journal of Operational Research*, 285(3), pp. 825-843.

ALFANDARI, L., DAVIDOVIC, T., FURINI, F., LJUBIC, I., MARAS, V. et MARTIN, S. (2019). Tighter MIP models for Barge Container Ship Routing. *Omega*, 82, pp. 38-54.

FARD, M.K. et ALFANDARI, L. (2019). Trade-Offs Between the Stepwise Cost Function and Its Linear Approximation for the Modular Hub Location Problem. *Computers & Operations Research*, 104, pp. 358-374.

ESPINOZA GARCIA, J.C. et ALFANDARI, L. (2018). Robust Location of New Housing Developments Using a Choice Model. *Annals of Operations Research*, 271, pp. 527–550.

ALFANDARI, L. et ESPINOZA GARCIA, J.C. (2018). Robust Optimization for Non-Linear Impact of Data Variation. *Computers & Operations Research*, 99, pp. 38-47.

DENOYEL, V., ALFANDARI, L. et THIELE, A. (2017). Optimizing Healthcare Network Design Under Reference Pricing and Parameter Uncertainty. *European Journal of Operational Research*, 263(3), pp. 996-1006.

GIANESSIA, P., ALFANDARI, L., LETOCART, L. et WOLFLER CALVOA, R. (2016). A Column Generation Based Heuristic for the Multicommodity-Ring Vehicle Routing Problem. *Transportation Research Procedia*, 12, pp. 227-238.

BUTELLE, F., ALFANDARI, L., COTI, C., FINTA, L., LÉTOCART, L. et PLATEAU, G. (2016). Fast Machine Reassignment. *Annals of Operations Research*, 242(1), pp. 130-160.

GIANESSI, P., ALFANDARI, L., LÉTOCART, L. et CALVO, R.F. (2016). The Multicommodity-Ring Location Routing Problem. *Transportation Science*, 50(2), pp. 541-558.

ALFANDARI, L., PLATEAU, A. et SCHEPLER, X. (2015). A Branch-and-Price-and-Cut Approach for Sustainable Crop Rotation Planning. *European Journal of Operational Research*, 241(3), pp. 872-879.

ALFANDARI, L. et MONNOT, J. (2014). A Note on the Clustered Set Covering Problem. *Discrete Applied Mathematics*, 1(164), pp. 13-19.

ALFANDARI, L., SADKI, J., PLATEAU, A. et NAGIH, A. (2013). Hybrid Column Generation for Large-Size Covering Integer Programs: Application to Transportation Planning. *Computers & Operations Research*, 40(8), pp. 1938-1946.

ROZENKNOP, A., WOFLER, C., ALFANDARI, L., CHEMLA, D. et LETOCART, L. (2013). Solving Electricity Production Planning By Column Generation. *Journal of Scheduling*, 16(6), pp. 585-604.

ALFANDARI, L., LEMALADE, J.L., NAGIH, A. et PLATEAU, G. (2011). A MIP Flow Model for Crop-Rotation Planning in a Context of Forest Sustainable Development. *Annals of Operations Research*, 190(1), pp. 149-164.

LIBERTI, L., ALFANDARI, L. et PLATEAU, M.C. (2011). Edge Cover by Connected Bipartite Subgraphs. *Annals of Operations Research*, 188(1), pp. 307-329.

ALFANDARI, L. (2007). Improved Approximation of the General Soft-capacitated Facility Location Problem. *RAIRO - Operations Research*, pp. 83-93.

ALFANDARI, L. (2001). The Minimum Bounded-Diameter Spanning Forest Problem Is Log-Approximable. *Foundations of Computing and Decision Sciences*, pp. 123-132.

ALFANDARI, L. et PASCHOS, V. (2000). Master-slave Strategy and Polynomial Approximation. *Computational Optimization and Applications*, pp. 231-245.

ALFANDARI, L. et PASCHOS, V. (1999). Approximating Minimum Spanning Tree of Depth 2. *International Transactions in Operational Research*, pp. 607-622.

ALFANDARI, L. (1999). The Greedy Approach for the Crew Pairing Problem: Some Cases of Polynomial Subproblems. *Cahiers du Lamsade (Laboratoire d'Analyse et de Modélisation de Systèmes d'Aide)*, pp. 1-10.

Chapitres d'ouvrage

ALFANDARI, L. (2018). Décision et complexité : le cas de la planification optimale de tout simplisme. Dans: *Complexité et organisations : faire face aux défis de demain*. 1st ed. Eyrolles, pp. 229-242.

ALFANDARI, L. et NAGIH, A. (2010). Applications of Combinatorial Optimization: Airline Crew Pairing Optimization. Dans: *Applications of Combinatorial Optimization*. 1st ed. Wiley, pp. 1-22.

ALFANDARI, L. et NAGIH, A. (2006). Optimisation de la construction de rotations d'équipages en transport aérien. Dans: *Optimisation combinatoire 3. Applications (traité IC2)*. 1st ed. Hermès Sciences, Lavoisier, pp. 23-45.

ALFANDARI, L., PLATEAU, A. et TOLLA, P. (2004). A Path Relinking Algorithm for the Generalized Assignment Problem. Dans: *Metaheuristics Computer Decision-making*. 1st ed. Kluwer Academic Publishers, pp. 1-17.

Actes d'une conférence

JUVIGNY, C., DELLE DONNE, D. et ALFANDARI, L. (2025). A Genetic Approach to the Operational Freight-on-Transit Problem. Dans: *Evolutionary Computation in Combinatorial Optimization*. Springer Cham, pp. 116-132.

ALFANDARI, L. et MONNOT, J. (2010). Approximation of the Clustered Set Covering Problem. Dans: *Electronic Notes in Discrete Mathematics*. ISCO.

ALFANDARI, L. et PASCHOS, V. (1998). On the Approximation of Some Spanning Arborescence Problems. Dans: *Advances in Computer and Information Sciences '98. 13th International Symposium on Computer and Information Sciences (ISCIS)*. IOS Press, pp. 574-581.

Conférences

ALFANDARI, L. et HASSANZADEH, A. (2026). A CVaR model for optimal use of drones for early infant HIV diagnosis. Dans: 27ème Edition du Congrès Annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision - ROADEF 2026. Tours.

ALFANDARI, L., LJUBIC, I. et PUNAM-MANDAL, M. (2025). Robust optimization for disaster preparedness with aftershocks. Dans: 2025 ROADEF. Champs-sur-Marne.

ALFANDARI, L., LJUBIC, I. et PUNAM-MANDAL, M. (2024). Robust facility location for earthquake preparedness with aftershocks. Dans: 2024 Optimisation au deuxième niveau (Centre International de Rencontres Mathématiques). Marseille.

ALFANDARI, L., HASSANZADEH, A. et LJUBIC, I. (2024). Fractional programming for Assortment optimization. Dans: 2024 International Symposium on Combinatorial Optimization (ISCO). Tenerife.

DELLE DONNE, D., ALFANDARI, L. et KUZBAKOV, Y. (2024). A column generation approach for last-mile deliveries with capacitated robot stations. Dans: International Symposium on Combinatorial Optimization (ISCO). Tenerife, Spain.

ALFANDARI, L., LJUBIC, I. et PUNAM-MANDAL, M. (2023). Robust Facility Location in Disaster Preparation for Earthquakes with Aftershocks. Dans: OR 2023: Decision Support & Choice-Based Analytics for a Disruptive World. Hamburg.

ALFANDARI, L. (2023). Approximation of the Double Traveling Salesman Problem with Multiple Stacks. Dans: 23rd Congress of International Federation of Operational Research Societies (IFORS) 2023. Santiago de Chile.

KUZBAKOV, Y., ALFANDARI, L. et DELLE DONNE, D. (2023). A Branch-and-price Approach for Last-mile Deliveries with Capacitated Robot Stations. Dans: 23rd Conference of the International Federation of Operational Research Societies 2023. Santiago.

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

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

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

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

ALFANDARI, L. (2022). Optimizing Drone Use in Early Infant Diagnosis of HIV Supply Chainin Less Developed Countries. Dans: 2022 Euro. Espoo.

FURINI, F., LJUBIC, I., SAN SEGUNDO, P. et ZHAO, Y. (2021). The Edge Interdiction Clique Problem. Dans: 31st European Conference on Operational Research 2021. Athens (virtual).

ALFANDARI, L., LJUBIC, I. et DE MELO DA SILVA, M. (2021). A tailored Benders Decomposition Approach for Last-Mile Delivery With autonomous Robots. Dans: 31st European Conference on Operational Research 2021 (EURO 2021). Athens.

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

ALFANDARI, L., HASSANZADEH, A. et LJUBIC, I. (2020). Une méthode exacte pour le problème d'assortiment optimal avec modèle de choix nested-logit. Dans: 21st ROADEF 2020.

ALFANDARI, L. et ALFANDARI, L. (2019). Le problème de Team Orienteering avec contraintes de diversité entre les tours : Une approche de Branch-and-Price-and-Cut. Dans: ROADEF 2019.

ALFANDARI, L. et ALFANDARI, L. (2019). Le problème de Team Orienteering avec contraintes de diversité entre les tours : Une approche de Branch-and-Price-and-Cut. Dans: ROADEF 2019.

ALFANDARI, L., LJUBIC, I. et MELO, M. (2019). Optimal Vehicle Routing with Autonomous Devices for Last-Mile Delivery. Dans: 2019 Workshop of the EURO Working Group on Vehicle Routing and Logistics optimization (VeRoLog 2019).

ALFANDARI, L. et ESPINOZA-GARCIA, J.C. (2019). Robust optimization for non-linear impact of data variation. Dans: 30th European Conference on Operational Research (EURO 2019). Dublin.

ALFANDARI, L., DAVIDOVIC, T., FURINI, F., LJUBIC, I., MARAS, V. et MARTIN, S. (2018). New MIP models for liner shipping route design with empty container repositioning. Dans: 4th International Conference on Logistics Operations Management (GOL'2018).

ALFANDARI, L. et ESPINOZA-GARCIA, J.C. (2018). Optimisation robuste pour la localisation de nouveaux logements avec modèle de choix. Dans: 19ème Congrès de la société Française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF 2018).

ALFANDARI, L. et ESPINOZA-GARCIA, J.C. (2018). Robust Optimization for Non-Linear Impact of Data Variation. Dans: ISMP Bordeaux 2018 (International Symposium of Mathematical Optimization).

ALFANDARI, L. (2018). Robust Optimization for Non-Linear Impact of Data Variation. Dans: Workshop on Robust Optimization Avignon (RO 2018).

ALFANDARI, L., FURINI, F., LJUBIC, I. et MARTIN, S. (2017). New MIP models for Liner Shipping Route Design with Empty Container Repositioning. Dans: 18ème Conférence ROADEF de la Société Française de Recherche Opérationnelle et d'Aide à la Décision.

ALFANDARI, L., DAVIDOVIC, T., FURINI, F., LJUBIC, I., MARAS, V. et MARTIN, S. (2017). Tighter MIP Formulations for the Barge Container Ship Routing Problem. Dans: 21st Conference of the International Federation of Operational Research Societies (IFORS).

ALFANDARI, L., DENOYEL, V. et THIELE, A. (2016). Optimisation robuste pour la sélection d'un réseau d'hôpitaux dans un système de Prix de Référence. Dans: 17ème congrès de la société Française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF2016).

ALFANDARI, L. et KESHVARI-FARD, M. (2015). Localisation de hubs avec fonction de coût discrète. Dans: ROADEF February Conference.

ALFANDARI, L., DENOYEL, V. et THIELE, A. (2015). Robust in Network Selection of Hospitals by Healthcare Under Reference Pricing. Dans: EURO 2015 12 July 2015 Conference.

ALFANDARI, L., DENOYAL, V. et THIELE, A. (2014). Optimal Facility In-Network Selection for Healthcare Payers under Reference Pricing. Dans: 20th Conference of the International Federation of Operational Research Societies.

ESPINOZA, I.C. et ALFANDARI, L. (2014). Robust Facility Location Optimization with Location-dependent Demands. Dans: 2014 INFORMS Annual Meeting.

ALFANDARI, L., PLATEAU, A. et SCHEPLER, X. (2014). Un algorithme de branch-and-price-and-cut pour la planification durable des rotations agricoles. Dans: 15ème congrès annuel de la Société française de recherche opérationnelle et d'aide à la décision (ROADEF).

ALFANDARI, L. (2013). Approximation du problème de Clustered Set Covering. Dans: 14ème Conférence ROADEF 2013.

ALFANDARI, L., NAGIH, A., PLATEAU, A. et SADKI, J. (2013). Hybrid Column Generation for Large-Size Covering Integer Programs. Dans: 26th Conference of European Chapter on Combinatorial Optimization.

ALFANDARI, L., NAGIH, A., PLATEAU, A. et SADKI, J. (2013). Hybrid Column Generation for Large-Size Integer Programs. Dans: 26th EURO – INFORMS Joint International Conference.

ALFANDARI, L. (2013). Un algorithme de BranchandPrice pour le problème de planification durable de rotations culturales. Dans: 14ème Conférence ROADEF 2013.

ALFANDARI, L., NAGIH, A., PLATEAU, A. et SADKI, J. (2012). Generalizations of Dobson Approximation Algorithm and Cooperation with Column Generation for Large-Size Covering Integer Programs. Dans: 2nd International Symposium on Combinatorial Optimization (ISCO 2012).

ALFANDARI, L. (2012). Planification et routage pour l'optimisation de la distribution urbaine de marchandise. Dans: 13e congrès annuel de la Société Française de Recherche Opérationnelle et d'Aide à la Décision (ROADEF 2012).

ALFANDARI, L., NAGIH, A., PLATEAU, A. et SADKI, J. (2011). Hybridization of Column Generation and Approximation Heuristics for Large-size Covering Integer Programs. Dans: MIC 2011 - Metaheuristics International Conference.

ALFANDARI, L., NAGIH, A., PLATEAU, A. et SADKI, J. (2011). Schéma hybride de génération de colonnes pour un problème de planification de production agricole. Dans: ROADEF 2011.

ALFANDARI, L. (2000). Logical Definability of Covering and Partitioning Minimization Problems. Dans: CLAIO X (Congresso Latino-Americano de Investigacion Operativa)-Latin-American Congress of Operations Research, Mexico.

Invité dans une conférence académique

ALFANDARI, L., LJUBIC, I. et DE MELO DA SILVA, M. (2022). A Tailored Benders Decomposition Approach for Last-mile Delivery with Autonomous Robots. Dans: International Conference on Operations Research and Enterprise Systems (ICORES). Online.

Documents de travail

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

ALFANDARI, L., LJUBIC, I. et DE MELO DA SILVA, M. (2019). *Onlast-mile Delivery with Autonomous Robots*. ESSEC Business School.

KESHVARI FARD, M. et ALFANDARI, L. (2018). *Trade-offs between the Stepwise Cost Function and its Linear Approximation for the Modular Hub Location Problem*. ESSEC Business School.

ESPINOZA GARCIA, J.C. et ALFANDARI, L. (2015). *Robust Location of New Housing Developments Using a Choice Model*. ESSEC Business School.

ALFANDARI, L., PLATEAU, A. et SCHEPLER, X. (2014). *A Branch-and-Price-and-Cut Approach for Sustainable Crop Rotation Planning*. ESSEC Business School.

ALFANDARI, L. (2005). *Improved Approximation of the General Soft-Capacitated Facility Location Problem*. ESSEC Business School.

ALFANDARI, L. (2004). *Choice Rules with Size Constraints for Multiple Criteria Decision Making*. ESSEC Business School.

ALFANDARI, L., PLATEAU, A. et TOLLA, P. (2002). *A Path-relinking Algorithm for the Generalized Assignement Problem*. ESSEC Business School.

ALFANDARI, L. et PLATEAU, A. (2001). *A two-phase Path Relinking algorithm for the Generalized Assignment Problem*.

Presse

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

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

AUTRES ACTIVITES DE RECHERCHE

Relecteur pour :

Annals of Operations Research, Computational Optimization and Applications, Computers & Operations Research, Discrete Applied Mathematics, European Journal of Operational Research, RAIRO - Operations Research

Organisation d'une conférence

2015	Organisation du concours Français de la RO: "Les Pros de la RO", nov. 2015 (finalistes : Gefco-Eurodecision, Amadeus, Decision Brain, Orange), France
2013	Organisation d'un évènement pour les practiciens et managers : "La Recherche Opérationnelle: clé de la performance des entreprises?" 200 managers et practiciens présents, et une table ronde avec Air France, Amadeus, et Bouygues Télécom, Université Paris Dauphine-PSL, France

Affiliations

2011 - 2015	Vice-President de la ROADEF
Depuis 2000	Membre de la Société Française de RO (ROADEF)

Supervision de thèses / HDR

2024	M. PUNAM-MANDAL (ESSEC Business School), Co-directeur de thèse
2023	A. HASSANZADEH (ESSEC Business School), Co-directeur de thèse
2023	D. BISWAS (ESSEC Business School), Co-directeur de thèse
2020	Y. ZHAO (ESSEC Business School), Co-directeur de thèse
2018	Milad KESHVARI FARD (ESSEC Business School), Co-directeur de thèse, Premier Poste : Assistant Professor - Newcastle University Business School
2017	Victoire GARNIER ép DENOYEL (ESSEC Business School), Directeur de thèse, Premier Poste : Assistant Professor, Business Analytics - Mercy College Graduate School of Business
2017	Juan Carlos ESPINOZA (ESSEC Business School), Directeur de thèse, Premier Poste : Assistant Professor - Tecnologico de Monterrey
2014	P. GIANESSI (Université Sorbonne Paris Nord (XIII)), Co-directeur de thèse

2011 J. SADKI (Université Sorbonne Paris Nord (XIII)), Co-directeur de thèse

2006 , Co-directeur de thèse

Y. KUZBAKOV (ESSEC Business School), Co-directeur de thèse

ENSEIGNEMENT

2021 Prescriptive analytics for sustainable development, ESSEC Business School,

2012 PhD Operations Research for sustainable development, Conservatoire National des

2010 Optimal design for Supply Chain Management, ESSEC Business School, France

2010 Planning models and case studies, Université Sorbonne Paris Nord (XIII), France

2010 Operations management, ESSEC Business School, France

2002 Managing with Excel, ESSEC Business School, France

2002 PhD Introduction to Optimization methods, ESSEC Business School, France

2000 Decision analytics, ESSEC Business School, France

2000 Regression methods in statistics and Graph Theory, ESSEC Business School,

2000 Optimization for Decision-Making, ESSEC Business School, France

2000 Mathematics Refresher, ESSEC Business School, France

1996 Logistics and Production Planning, Université Paris Dauphine-PSL, France

1996 Management science and decision-aid, Université Paris Dauphine-PSL, France

1996 Programming skills, Université Paris Dauphine-PSL, France

ACTIVITES PROFESSIONNELLES

Consulting

2002 - Présent Activités de conseil et contrats industriels : SNCF, ESSEC BS, Babcok-Wanson, Aid-Impact...