Ivana LJUBIC

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Département: Systèmes d'Information, Data Analytics et Opérations
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INTERETS DE RECHERCHE

Intelligence artificielle (IA), Recherche opérationnelle, Planification et optimisation, Mathématiques,

FORMATION

2013	Habilitation en Recherche des Opérations, Université de Vienne, Autriche
2004	Ph.D. en Informatique, TU Wien, Autriche
2000	Master of Science degree (MSc), Department for Optimization and Numerical Analysis, Faculty of Mathematics, University of Belgrade, Serbie

EXPERIENCE PROFESSIONNELLE

Positions académiques principales

2016 - Présent	Professeur, ESSEC Business School, France
2015 - 2016	Professeur associé, ESSEC Business School, France
2011 - 2015	Professeur associé, Université de Vienne, Autriche
2007 - 2010	Post-Doc Researcher & Lecturer, ISOR, Université de Vienne, Autriche
2000 - 2004	Research and Teaching Assistant (PhD candidate), TU Wien, Autriche

Autres affiliations académiques

2024 - Présent	Coordinator of PhD concentration in Operations Management and Operations Research, ESSEC Business School, France
2017 - 2021	Directrice Académique du programme EMBA ESSEC & Mannheim, ESSEC Business School, France
2016 - 2018	Membre du Comité Scientifique, ESSEC Business School, France
2015 - 2015	Professeur visitant, Universidad Adolfo Ibáñez, Chili
2014 - 2014	Professeur visitant, Université Paris Dauphine-PSL, France
2013 - 2015	Member of the doctoral advisory board at ISOR, Université de Vienne, Autriche
2012 - 2013	Professeur visitant, Technische Universität Berlin, Allemagne
2012 - 2012	Professeur visitant, TU Dortmund Universität, Allemagne

2011 - 2012 Professeur visitant, University of Maryland, États-Unis

Autres expériences professionnelles

2018 - 2019 Member of the “Task Force: future directions, strategy, evaluation”, ESSEC Business School, France

BOURSES, PRIX ET DISTINCTIONS

Prix et Distinctions

2025 Best Paper Awards 2025 - European Journal of Operational Research - Category "Review"

2022 Marguerite Frank Award for the best EJCO paper in 2021 for the paper A Survey on Mixed-Integer Programming Techniques in Bilevel Optimization. Jointly with Thomas Kleinert, Martine Labbé, and Martin Schmidt

2021 The Glover-Klingman Prize for the best Networks paper in 2021

2016 Ivana Ljubic a reçu le Best Paper Award au congrès : "INFORMS Telecommunications Conference 2016" pour son article : S. Chen, I. Ljubic, S. Raghavan: The Generalized Regenerator Location Problem, INFORMS Journal on Computing 27(2): 204 - 220, 2015.

2014 Finaliste du Best Paper Award de l'INFORMS Telecommunication Section (avec L. Gouveia, M. Leitner)

2014 Gagnante du challenge d'implémentation DIMACS sur les arbres de Steiner (avec M. Fischetti et al.)

2005 Prix PhD award de l'Austrian Society for Operations Research, Autriche

Bourses

2017 Co-applicant Prescriptive Analytics – Operations research, Initiative d’Excellence Paris Seine

2015 Co-PI Optimization and Analysis of Large-Scale Networks (ICT 2015) WWTF

2014 Applicant and leader (PI): Network Optimization in Bioinformatics and Systems Biology, FWF

2014 Co-applicant: e4-share: Models for Ecological, Economical, Efficient, Electric Car-Sharing, JPI Urban Europe

2012 Applicant and leader (PI) of the Austrian team: Multi-Criteria Optimization of FTTx Networks, (DACH programme, cooperation with the TU Wien and ZIB Berlin), FWF & DFG

2011 Applicant and leader (PI): Network Design Under Uncertainty: Algorithmic Aspects of Stochastic and Robust Optimization (APART programme), OEAW

2011 APART Fellowship à l'Austrian Academy of Sciences, Autriche

2011 Member of the graduate school in Computational Optimization (Initiativkolleg programme), University of Vienna

2010 Applicant and leader (PI) of the Austrian team: Flow Projection Results in Telecommunication: Models and Algorithms (Acciones Integradas programme, in cooperation with the University of La Laguna, Spain), OEAD (Austrian exchange

service)

2007 Applicant and leader (PI): Algorithmic Solutions for Last-Mile Networks, (Hertha-Firnberg programme), FWF

2007 Hertha-Firnberg Post-Doc Fellowship de l'Austrian Science Fund, Autriche

2007 Applicant and leader (one of two PIs): Algorithmic Solutions for Optimal Design of Telecommunication Networks, (Bridge programme, cooperation with Telekom Austria AG), FFG

2003 Applicant and leader (PI): Combinatorial and Memetic Algorithms for Selected Network Design Problems (DOC programme). OEAW

2003 PhD Fellowship de l'Austrian Academy of Sciences, Autriche

2002 Doctoral Scholarship Programme of the OEAW (DOC Programme)

PUBLICATIONS

Articles

BECK, Y., LJUBIC, I. et SCHMIDT, M. (2026). Heuristic Methods for Γ-Robust Mixed-Integer Linear Bilevel Problems. *INFORMS Journal on Computing*, 38(1), pp. 189-206.

THÜRAUF, J., KLEINERT, T., LJUBIC, I., RALPHS, T. et SCHMIDT, M. (2026). BOBILib: Bilevel Optimization (Benchmark) Instance Library. *Mathematical Programming Computation*, In press.

LJUBIC, I., MARÍN, A., PUERTO, J. et TEMPRANO, F. (2026). Ordered Median Traveling Salesman Problem. *Networks*, In press, pp. 1-26.

CERULLI, R., LJUBIC, I. et SORGENTE, C. (2026). Obtaining k-degree anonymous networks via mathematical programming. *European Journal of Operational Research*, In press.

CLAUTIAUX, F. et LJUBIC, I. (2025). Last fifty years of integer linear programming: A focus on recent practical advances. *European Journal of Operational Research*, 324(3), pp. 707-731.

LI, Y., ARCHETTI, C. et LJUBIC, I. (2025). Emerging optimization problems for distribution in same-day delivery. *Computers & Operations Research*, 182, pp. 107105.

CASELLI, G., IORI, M. et LJUBIC, I. (2025). Bilevel optimization with sustainability perspective: A survey on applications. *European Journal of Operational Research*, In press.

CALAMITA, A., LJUBIC, I. et PALAGI, L. (2025). Benders decomposition for congested partial set covering location with uncertain demand. *European Journal of Operational Research*, In press.

FERNÁNDEZ, E., LJUBIC, I. et ZEREGA, N. (2025). The multi-commodity flow problem with outsourcing decisions. *Transportation Research Part B: Methodological*, 201, pp. 103333.

GAAR, E., LEE, J., LJUBIC, I., SINNL, M. et TANINMIS, K. (2024). On SOCP-based disjunctive cuts for solving a class of integer bilevel nonlinear programs. *Mathematical Programming*, 206, pp. 91-124.

KUZBAKOV, Y. et LJUBIC, I. (2024). New formulations for two location problems with interconnected facilities. *European Journal of Operational Research*, 31(1), pp. 51-65.

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.

LJUBIC, I., POZO, M.A., PUERTO, J. et TORREJON, A. (2024). Benders decomposition for the discrete ordered median problem. *European Journal of Operational Research*, 317(3), pp. 858-874.

GHADDAR, B., LJUBIC, I. et QIU, Y. (2024). Three network design problems for community energy storage. *Networks*, 84(4), pp. 420-445.

LI, Y., ARCHETTI, C. et LJUBIC, I. (2024). Reinforcement Learning Approaches for the Orienteering Problem with Stochastic and Dynamic Release Dates. *Transportation Science*, 58(5), pp. 1143-1165.

CERULLI, M., ARCHETTI, C., FERNÁNDEZ, E. et LJUBIC, I. (2024). A Bilevel Approach for Compensation and Routing Decisions in Last-Mile Delivery. *Transportation Science*, 58(5), pp. 1076-1100.

KAHR, M., LEITNER, M. et LJUBIC, I. (2024). The Impact of Passive Social Media Viewers in Influence Maximization. *INFORMS Journal on Computing*, 36(6), pp. 1359-1756, C2.

HAERING, T., LEGAULT, R., TORRES, F., LJUBIC, I. et BIERLAIRE, M. (2024). Exact algorithms for continuous pricing with advanced discrete choice demand models. *OR Spectrum*, In press.

LEITNER, M., LJUBIC, I., MONACI, M., SINNL, M. et TANINMIS, K. (2023). An Exact Method for Binary Fortification Games. *European Journal of Operational Research*, 307(3), pp. 1026-1039.

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.

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MOUACI, A., GOURDIN, , LJUBIC, I. et PERROT, N. (2023). Two extended formulations for the virtual network function placement and routing problem. *Networks*, 82(1), pp. 32-51.

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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.

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CORDEAU, J.F., FURINI, F. et LJUBIC, I. (2019). Benders Decomposition for Very Large Scale Partial Set Covering and Maximal Covering Location Problems. *European Journal of Operational Research*, 275(3), pp. 882-896.

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LEITNER, M., LJUBIC, I., RIEDLER, M. et RUTHMAIR, M. (2019). Exact Approaches for Network Design Problems with Relays. *INFORMS Journal on Computing*, 31(1), pp. 171-192.

LEITNER, M., LJUBIC, I., LUIPERSBECK, M. et SINNL, M. (2018). A Dual Ascent-Based Branch-and-Bound Framework for the Prize-Collecting Steiner Tree and Related Problems. *INFORMS Journal on Computing*, 30(2), pp. 402-420.

LEITNER, M., LJUBIC, I., LUIPERSBECK, M. et SINNL, M. (2018). Decomposition Methods for the Two-Stage Stochastic Steiner Tree Problem. *Computational Optimization and Applications*, 69(3), pp. 713-752.

FISCHETTI, M., LJUBIC, I., MONACI, M. et SINNL, M. (2018). On the Use of Intersection Cuts for Bilevel Optimization. *Mathematical Programming*, 172(1-2), pp. 77-103.

LJUBIC, I. et MORENO, E. (2018). Outer Approximation and Submodular Cuts for Maximum Capture Facility Location Problems with Random Utilities. *European Journal of Operational Research*, 266(1), pp. 46-56.

LEITNER, M., LJUBIC, I., SALAZAR-GONZALEZ, J.J. et SINNL, M. (2018). The Connected Facility Location Polytope. *Discrete Applied Mathematics*, 234, pp. 151-167.

FISCHETTI, M., LJUBIC, I., MONACI, M. et SINNL, M. (2017). A New General-Purpose Algorithm for Mixed-Integer Bilevel Linear Programs. *Operations Research*, 65(6), pp. 1615-1637.

BLEY, A., LJUBIC, I. et MAURER, O. (2017). A Node-Based ILP Formulation for the Node-Weighted Dominating Steiner Problem. *Networks*, 69(1), pp. 33-51.

LEITNER, M., LJUBIC, I., SALAZAR-GONZALEZ, J.J. et SINNL, M. (2017). An Algorithmic Framework for the Exact Solution of Tree-Star Problems. *European Journal of Operational Research*, 1(261), pp. 54-66.

FURINI, F., LJUBIC, I. et SINNL, M. (2017). An Effective Dynamic Programming Algorithm for the Minimum-Cost Maximal Knapsack Packing Problem. *European Journal of Operational Research*, 262(2), pp. 438-448.

FISCHETTI, M., LJUBIC, I. et SINNL, M. (2017). Redesigning Benders Decomposition for Large-Scale Facility Location. *Management Science*, 63(7), pp. 2146-2162.

ÁLVAREZ-MIRANDA, E., LJUBIC, I., LUIPERSBECK, M. et SINNL, M. (2017). Solving Minimum-Cost Shared Arborescence Problems. *European Journal of Operational Research*, 258(3), pp. 887-901.

LJUBIC, I., MUTZEL, P. et ZEY, B. (2017). Stochastic Survivable Network Design Problems: Theory and Practice. *European Journal of Operational Research*, 256(2), pp. 333-348.

FISCHETTI, M., LEITNER, M., LJUBIC, I., LUIPERSBECK, M., MONACI, M. et RESCH, M. (2017). Thinning out Steiner Trees: A Node-Based Model for Uniform Edge Costs. *Mathematical Programming Computation*, 9(2), pp. 203-229.

EHRGOTT, M., LJUBIC, I. et PARRAGH, S.N. (2017). Feature cluster: Recent advances in exact methods for multi-objective optimisation. *European Journal of Operational Research*, 260(3), pp. 805-806.

SINNL, M. et LJUBIC, I. (2016). A Node-Based Layered Graph Approach for the Steiner Tree Problem with Revenues, Budget and Hop-Constraints. *Mathematical Programming Computation*, 8(4), pp. 461–490.

FICHETTI, M., LJUBIC, I. et SINNL, M. (2016). Benders Decomposition without Separability: A Computational Study for Capacitated Facility Location Problems. *European Journal of Operational Research*, 253(3), pp. 557-569.

LEITNER, M., LJUBIC, I., SINNL, M. et WERNER, A. (2016). ILP Heuristics and a New Exact Method for Bi-Objective 0/1 ILPs: Application to FTTx-Network Design. *Computers & Operations Research*, 72, pp. 128-146.

ÁLVAREZ-MIRANDA, E., FERNÁNDEZ, E. et LJUBIC, I. (2015). The Recoverable Robust Facility Location Problem. *Transportation Research Part B: Methodological*, 79(1), pp. 93-120.

CHEN, S., LJUBIC, I. et RAGHAVAN, S. (2015). The Generalized Regenerator Location Problem. *INFORMS Journal on Computing*, 27(2), pp. 204-220.

GOUVEIA, L., LEITNER, M. et LJUBIC, I. (2015). The Two-Level Diameter Constrained Spanning Tree Problem. *Mathematical Programming*, 150(1), pp. 49-78.

LJUBIC, I., PUTZ, P. et SALAZAR-GONZALEZ, J.J. (2014). A MIP-based Heuristic Approach to solve a Prize-Collecting Local Access Network Design Problem. *European Journal of Operational Research*, 235(3), pp. 727-739.

GOUVEIA, L., LEITNER, M. et LJUBIC, I. (2014). Hop constrained Steiner trees with multiple root nodes. *European Journal of Operational Research*, 236(1), pp. 100-112.

LEITNER, M., LJUBIC, I. et SINNL, M. (2014). The bi-objective prize-collecting Steiner tree problem. *INFORMS Journal on Computing*, 27(1), pp. 118-134.

ÁLVAREZ-MIRANDA, E., LJUBIC, I. et RAGHAVAN, S. (2014). The Recoverable Robust Two-Level Network Design Problem. *INFORMS Journal on Computing*, 27(1), pp. 1-19.

GOLLOWITZER, S., GENDRON, B. et LJUBIC, I. (2013). A cutting plane algorithm for the Capacitated Connected Facility Location Problem. *Computational Optimization and Applications*, 55(3), pp. 647-674.

ALVAREZ-MIRANDA, E., LJUBIC, I. et TOTH, P. (2013). A note on the Bertsimas & Sim algorithm for robust combinatorial optimization problems. *4OR: A Quarterly Journal of Operations Research*, 11(4), pp. 349-360.

GOLLOWITZER, S., GOUVEIA, L. et LJUBIC, I. (2013). Enhanced Formulations and Branch-and-Cut for the Two Level Network Design Problem with Transition Facilities. *European Journal of Operational Research*, 225(2), pp. 211-222.

ALVAREZ-MIRANDA, E., LJUBIC, I. et TOTH, P. (2013). Exact Approaches for Solving Robust Prize-Collecting Steiner Tree Problems, European Journal of Operational Research. *European Journal of Operational Research*, 229(3), pp. 599-612.

BLEY, A., LJUBIC, I. et MAURER, O. (2013). Lagrangian decompositions for the two-level FTTx network design problem. *Computational Optimization and Applications*, 1(3), pp. 221-252.

LJUBIC, I., PUTZ, P. et SALAZAR-GONZALEZ, J.J. (2012). Exact approaches to the single-source network loading problem. *Networks*, 59(1), pp. 89-106.

LJUBIC, I. et GOLLOWITZER, S. (2012). Layered Graph Approaches to the Hop Constrained Connected Facility Location Problem. *INFORMS Journal on Computing*, 25(2), pp. 256-270.

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GOLLOWITZER, S. et LJUBIC, I. (2011). MIP models for connected facility location: A theoretical and computational study. *Computers & Operations Research*, 38(2), pp. 435-449.

LJUBIC, I. (2010). A branch-and-cut-and-price algorithm for vertex-biconnectivity augmentation. *Networks*, 56(3), pp. 169-182.

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LJUBIC, I. et RAIDL, G.R. (2003). A Memetic Algorithm for Minimum-Cost Vertex-Biconnectivity Augmentation of Graphs. *Journal of Heuristics*, 9(5), pp. 401-428.

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Ouvrages et édition d'ouvrages

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Chapitres d'ouvrage

GOUVEIA, L., LJUBIC, I. et LEITNER, M. (2024). Common-Flow Formulations for the Diameter Constrained Spanning and Steiner Tree Problems. Dans: Teodor Gabriel Crainic, Michel Gendreau, Antonio Frangioni eds. *Combinatorial Optimization and Applications*. 1 ed. Cham: Springer Nature Switzerland, pp. 37-58.

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KLAU, G.W., LJUBIC, I., MOSER, A., MUTZEL, P., NEUNER, P., PFERSCHY, U. et WEISKIRCHER, R. (2004). Combining a Memetic Algorithm with Integer Programming to Solve the Prize-Collecting Steiner Tree Problem. Dans: Kalyanmoy Deb (ed.). *Genetic and Evolutionary Computation – GECCO 2004*. 1 ed. Springer Berlin Heidelberg, pp. 1304-1315.

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Editeur invité d'un numéro spécial

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LJUBIC, I. (2013). The Maximum Weight Connected Subgraph Problem: Applications in Bioinformatics. Dans: The Centre for Bioinformatics, Biomarker Discovery and Information-Based Medicine (CIBM), University of Newcastle. Newcastle.

LJUBIC, I. (2012). Solving 2-Stage Stochastic Network Design Problems by 2-Stage Branch- and-Cut. Dans: Seminarios CIO, Centro de Investigacao Operacional, Faculdade de Ciencias, Universidade de Lisboa. Lisboa.

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LJUBIC, I. (2012). The Recoverable Robust Two-Level Network Design Problem. Dans: Kolloquium Optimierung und Operations Research der Wirtschafts- und Sozialwis- senschaftlichen Fakultät, der Fakultät für Informatik und der Fakultät für Mathematik, TU Dortmund. Dortmund.

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LJUBIC, I. (2024). Benders Adaptive-Cuts for Two-Stage Stochastic Optimization. Dans: Benders Day, Eindhoven University of Technology. Eindhoven.

LJUBIC, I. (2024). [Plenary] Benders Adaptive-Cuts for Network Design and Facility Location Problems Under Uncertainty. Dans: International Network Optimization Conference (INOC) 2024, University College Dublin.

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LJUBIC, I. (2024). Introduction to computational bilevel optimization with an application to a pricing problem for last-mile delivery. Dans: Workshop on Ordered Structures in Games and Decision (OSGaD), Centre d'Economie de la Sorbonne. Paris.

LJUBIC, I. (2024). Benders decomposition for the discrete ordered median problem. Dans: 13 Journées Thématiques du Groupe de Travail "Optimisation dans les Réseaux". Paris.

LJUBIC, I. (2024). Interdiction and Blocking Problems. Dans: Winter School on Network Optimization, organized by University of Lisbon. Estoril.

BECK, Y., LJUBIC, I. et SCHMIDT, M. (2022). [Plenary Speaker] Bilevel Optimization Under Uncertainty. Dans: PGMODays 2022. Palaiseau.

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LJUBIC, I. (2021). [Plenary Speaker] Mixed Integer Bilevel Optimization. Dans: SIAM Conference on Optimization (OP21). Virtual.

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LJUBIC, I. (2015). MIP Approaches to the Lazy Bureaucrat and Greedy Boss Problems. Dans: Séminaire Pôle 2 Optimisation Combinatoire, University Paris Dauphine. Paris.

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Préfaces d'un ouvrage

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Presse

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

AUTRES ACTIVITES DE RECHERCHE

Co-direction d'une revue

Depuis 2021 Transportation Science

Depuis 2019 Networks

2017 - 2021 Journal of Global Optimization

2016 - 2021 Omega

Membre d'un comité de lecture

Depuis 2023 Operations Research

Depuis 2021 Transportation Science

Depuis 2020 Networks

2018 - 2025 European Journal of Operational Research

Depuis 2016 Computers & Operations Research

Relecteur pour :

4OR: A Quarterly Journal of Operations Research, Annals of Operations Research, Computational Management Science, Computational Optimization and Applications, Computers & Operations Research, Discrete Applied Mathematics, Discrete Optimization, European Journal of Operational Research, European Journal on Computational Optimization, Evolutionary Computation, IEEE Transactions on Evolutionary Computation, IIE Transactions, INFOR, INFORMS Journal on Computing, International Transactions in Operational Research, Journal of Combinatorial Optimization, Journal of Global Optimization, Journal of Global Optimization, Journal of Heuristics, Management Science, Mathematical Methods of Operations Research, Mathematical Programming, Networks, Omega, Operations Research, Operations Research Letters, Optimization Letters, OR Spektrum, Plos One, SIAM Journal on Optimization, Transportation Science

Organisation d'une conférence

2019 Autumn school on advanced BCP tools: VRPSolver and Coluna, France

2019 EURO 2019 Conference, Stream "Network Analytics and Optimization", Irlande

2019 Optimization and Data Science, France

Depuis 2019 Member of Editorial Advisory Board - SN Operations Research Forum, SN Operations Research Forum

2018 Optimization, Games and Data Analysis" Workshop (OGDA2018), Autriche

2018 "Machine Learning, Networks and Combinatorial Optimization" Workshop, France

2018 "Cologne-Twente Workshop 2018" (CTW2018), Conservatoire National des Arts & Métiers (CNAM), France

2015 "Operations Research 2015" conference, Université de Vienne, Autriche

2014 INFORMS Telecommunication Conference 2014, Portugal

2014 IFORS 2014, Espagne

2014 Atelier de travail "Routing and Networks", Université de Vienne, Autriche

2014 Atelier de travail "Recent Advances in Multi-Objective Optimization", Université de Vienne, Autriche

2013 Workshop "Optimization Tools for Next Generation Telecommunication Networks", Austrian Academy of Sciences, Autriche

Affiliations

Depuis 2018	Présidente de la division Telecommunication & Network Analytics d'INFORMS
2017 - 2018	Vice-president of the INFORMS Telecommunication Section
2010 - 2016	Member of council and secretary of the INFORMS Telecom Section
2006 - 2008	Membre du conseil d'administration de l'Austrian Society of Operations Research OEGOR
2003	Member of the IEEE Computational Intelligence Society (CIS)

Supervision de thèses / HDR

2019	M. DE MELO DA SILVA (ESSEC Business School), Co-directeur de thèse
2017	M. LUIPERSBECK (Université de Vienne), Co-directeur de thèse
2015	M. SINNL (Université de Vienne), Co-directeur de thèse
2015	M. LEITNER (Université de Vienne), Directeur de thèse
2014	E. ALVAREZ-MIRANDA (University of Bologna), Co-directeur de thèse
2013	S. GOLLOWITZER (Université de Vienne), Co-directeur de thèse
2013	P. PUTZ (Université de Vienne), Co-directeur de thèse
2013	B. WASSERMANN (Université de Vienne), Co-directeur de thèse
2013	C. BÜSING (Université de Vienne), Directeur de thèse
	A. HASSANZADEH (ESSEC Business School), Co-directeur de thèse
	G. BRANDSTÄTTER (Université de Vienne), Co-directeur de thèse
	A. MOUACI (Université Paris Dauphine-PSL), Co-directeur de thèse

Autres activités de recherche

2020	Program Committee member: International Symposium on Combinatorial Optimization, ISCO 2020
2020	Program Committee member: INFORMS Telecommunication & Network Analytics Conference 2020
2020	Program Committee member: International Symposium on Combinatorial Optimisation 2020Program Committee member: International Symposium on Combinatorial Optimisation 2020
2019	Program Committee member - International Network Optimization Conference, INOC 2019
2019	Relecteur pour DFG (Deutsche Forschungsgemeinschaft), Allemagne
2018	International Symposium on Combinatorial Optimization, ISCO 2018
2018	International Symposium on Mathematical Programming, ISMP 2018

2018 INFORMS Telecommunication Conference 2018

2018 Relecteur pour Integer Programming and Combinatorial Optimization (IPCO 2018)

2017 Relecteur pour FONDECYT (Fondo Nacional de Desarrollo Científico y Tecnológico), Chili

2017 International Network Optimization Conference, INOC 2017

2016 Program Committee member: INFORMS Telecommunication Conference 2016

2016 Membre du comité de programme : European Conference on Operational Research, EURO 2016, Poznan, Pologne

2015 Program Committee member:

2015 Program Committee member: 11th Metaheuristics International Conference

2015 Relecteur pour FONDECYT (Fondo Nacional de Desarrollo Científico y Tecnológico), Chili

2015 Membre du comité de programme : International Network Optimization Conference, INOC 2015, Varsovie, Pologne

2014 Relecteur pour Integer Programming and Combinatorial Optimization (IPCO 2014)

2014 Membre du comité de programme : International Symposium on Combinatorial Optimization, ISCO 2014, Lisbonne, Portugal

2014 Comité de Programme : INFORMS Telecommunication Conference 2014, Lisbonne, Portugal

2013 Relecteur pour International Symposium on Experimental Algorithms (SEA 2013)

2013 Program Committee Member: International Network Optimization Conference

2013 Program Committee member : 10th Metaheuristics International Conference, MIC 2013

2012 Relecteur pour International Colloquium on Automata, Languages and Programming (ICALP 2011)

2012 Program Committee member :

2012 Relecteur pour FONDECYT (Fondo Nacional de Desarrollo Científico y Tecnológico), Chili

2011 Relecteur pour European Symposia on Algorithms (ESA 2011)

2011 International Network Optimization Conference, INOC 2011

2010 Program Committee member: Third international workshop on model-based metaheuristics, Matheuristics 2010

2009 Relecteur pour International Network Optimization Conference (INOC 2009)

2008 Program Committee member:

2005 Program Committee member: The Genetic and Evolutionary Computation Conference, GECCO 2005

2002 Relecteur pour Graph Drawing (GD 2002)

2002 Relecteur pour European Symposia on Algorithms (ESA 2002)

2001 Relecteur pour European Symposia on Algorithms (ESA 2001)

2001 - 2005 Program Committee member: European Conferences on Evolutionary Computation in Combinatorial Optimisation EvoCOP

ACTIVITES PROFESSIONNELLES

Consulting

2007 - 2010 OptTelNets, projet réalisé avec Telecom Austria A1

Autres activités professionnelles

2017 - Présent Orange Labs, France: Optimal Instantiation of Service Chains in Software Defined Networks. CIFRE contract (PhD supervision of Ahlam Mouaci)

2006 - 2010 Telekom Austria AG: Optimal Design of FTTx Telecommunication Networks: (supervision of 2 PhD students)