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Universitat Pompeu Fabra
Edificio Jaume I (campus de la Ciutadella)
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19/05/2017

Education

2012 – Ph.D in Computer Science. Universidad de La Laguna. Santa Cruz de Tenerife. Spain
2009 – Research Proficiency. Universidad de La Laguna. Santa Cruz de Tenerife. Spain
2007 – Computer Engineering. Universidad de La Laguna. Santa Cruz de Tenerife. Spain
2005 – Technical Computer Engineering. Universidad de La Laguna. Santa Cruz de Tenerife. Spain

Positions

Since 09/2017	Tenure Track. Department of Economics and Business, Universitat Pompeu Fabra, Barcelona, Spain.
09/2016-09/2017	Visiting Professor. Department of Economics and Business, Universitat Pompeu Fabra, Barcelona, Spain.
04/2015-09/2016	Postdoc Researcher. Computer Science Department, Universitat Oberta de Catalunya. Spain.
03/2015-04/2015	Postdoc Researcher. Computers and Systems Engineering Department. Universidad de La Laguna. Spain.
11/2013-09/2014	Postdoc Researcher. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.
06/2012-05/2013	Postdoc Researcher. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.
09/2008-06/2012	FPU Grant Researcher. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.
03/2008-08/2008	CajaCanarias Fellowship Researcher. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.
10/2007-01/2008	Researcher. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.
09/2006-09/2007	Collaboration Fellowship. Statistics, Operations Research and Computer Science Department. Universidad de La Laguna. Spain.

Research

ResearcherID: F-1537-2014

ORCID: 0000-0002-7619-7407

Google Scholar: h-index 5, citations 93 (May 19th, 2017)

Areas of Research: Combinatorial Optimization, Metaheuristics, Scheduling, Operations Research, Artificial Intelligence, Vehicle Routing, Logistics, Transportation

Research Stays

1. University Colorado Boulder, Boulder, Colorado, USA. 13/07/2017. 1 month
2. University of Nottingham, Nottingham, UK. 14/10/2014. 1 month.
3. University of Calabria, Cosenza, Italy Fecha 21/07/2014. 1 week.
4. Edinburgh Parallel Computing Center. Edimburg. 03/05/2011. 3 months.

Awards

1. PhD Award from AEPIA (Asociación Española para la Inteligencia Artificial) 05/09/2014
2. PhD Extraordinary Award. Universidad de La Laguna. 27/06/2012
3. Special Award End of Computer Science Degree. Universidad de La Laguna. 17/09/2005

Technological transference

Technology Transfer Software for Vehicle Route Optimization
Universidad de La Laguna, Spain - Ingeniería Electronica Canarias S.L., Spain.
27/06/2012 – 1 year.

Publications

Journals:

1. Laura Calvet, Jesica de Armas, David Masip, Angel A Juan. Learnheuristics: hybridizing metaheuristics with machine learning for optimization problems with dynamic inputs. *Open Mathematics*. 15(1). pp. 261-280. 2017. Q4.
2. Jesica de Armas, Angel A. Juan, Joan M. Marquès, João Pedro Pedroso. A Simheuristic Algorithm for the Uncapacitated Facility Location Problem with Stochastic Demands. *Journal of Operational Research Society*. pp.1-16. 2016. Q2.
3. Jesica de Armas, Luis Cadarso, Angel A Juan, Javier Faulin. A multi-start randomized heuristic for real-life crew rostering problems in airlines with work-balancing goals. *Annals of Operations Research*, pp. 1-24. 2016. Q2.
4. Angel A. Juan, Carlos A. Mendez, Javier Faulin, Jesica de Armas, Scott E. Grasman. Electric Vehicles in Logistics and Transportation: A Survey on Emerging Environmental, Strategic, and Operational Challenges. *Energies* 2016, 9, 86. Q2.
5. Christopher Expósito Izquierdo; Eduardo Lalla Ruiz; Jesica de Armas Adrian; Belén Melián Batista; Marcos Moreno Vega. A Heuristic Algorithm based on an Improvement Strategy to Exploit Idle Time Periods for the Stacking Problem. *Computers & Industrial Engineering*. 87, pp. 410 - 424. 01/09/2015. ISSN 0360-8352. Q1.
6. Jesica de Armas Adrián; Eduardo Lalla Ruiz; Belen Melian Batista; Darío Landa Silva. A Hybrid GRASP-VNS for Ship Routing and Scheduling Problem with Discretized Time Windows. *Engineering Applications of Artificial Intelligence*. 45, pp. 350-360, 2015. Q1.
7. Jesica de Armas Adrian; Belén Melián Batista. Variable Neighborhood Search for a Dynamic Rich Vehicle Routing Problem with Time Windows. *Computers & Industrial Engineering*. 85, pp. 120 - 131. 23/07/2015. ISSN 0360-8352 . Q1.
8. Eduardo Lalla Ruiz; Jesica de Armas Adrian; Christopher Exposito Izquierdo; Belen Melian Batista; Marcos Moreno Vega. Multi-Leader Migrating Birds Optimization. *International Journal of Bio-Inspired Computation*. Accepted, to appear, 01/07/2015. Q1.
9. Jesica de Armas Adrián; Belén Melián Batista. GVNS for a Real-World Rich Vehicle Routing Problem with Time Windows. *Engineering Applications of Artificial Intelligence*. 42, pp. 45 - 56. 01/06/2015. ISSN 0952-1976. Q1.
10. Eduardo Lalla Ruiz; Christopher Exposito Izquierdo; Jesica de Armas Adrian; Belen Melian Batista; Marcos Moreno Vega. Migrating Birds Optimization for the Seaside Problems at Maritime Container Terminals. *Journal of Applied Mathematics*. 781907, 27/05/2015. SCOPUS (SJR) impact factor 0.72.
11. Jesica de Armas; Belén Melian Batista. Constrained Dynamic Vehicle Routing Problems with Time Windows. *Soft Computing*. 19 - 9, pp. 2481 - 2498. 06/01/2015. Q2.
12. Jesica de Armas; Miranda, Gara; León, Coromoto. Improving the efficiency of a best-first bottom-up approach for the constrained 2D cutting problem. *European Journal of Operational Research*. 219 - 0, pp. 201 - 213. 2012. ISSN 0377-2217 Impact factor 2.038, Q1.
13. Jéscica de Armas, Gara Miranda, Coromoto León, Carlos Segura. Optimisation of a multi-objective two-dimensional strip packing problem based on evolutionary algorithms. *International Journal of Production Research*. 48 - 7, pp. 2011 - 2028. 2009. ISSN 1478-6451. Impact factor 0.803. Q3.
14. Jéscica de Armas; León, Coromoto; Miranda, Gara; Segura, Carlos. Remote service to solve the two-dimensional cutting stock problem: an application to the canary islands costume. *International Journal of Web and Grid Services (IJWGS)*. 4 - 3, pp. 342 - 351. InderScience Publisher, 2008. ISSN 1741-1106. Impact factor 0.978, Q3.

Journals Under Review:

1. Aljoscha Gruler, Javier Panadero, Jesica de Armas, Jose A. Moreno-Pérez, Angel A. Juan. Combining variable neighborhood search with simulation for the inventory routing problem with stochastic demands and stock-outs. *Computers & Industrial Engineering*. Q1.
2. Manuel Chica, Joaquín Bautista, Jesica de Armas. Benefits of robust multiobjective optimization for flexible automotive assembly line balancing. *Flexible Services and Manufacturing Journal*. Q2.

3. Alex Grasas, Angel A. Juan, Javier Faulin, Jesica de Armas, Helena Ramalinho. Biased Randomization of Heuristics: supporting real-time decision making in transportation, logistics, and production. *Computers and Industrial Engineering*. Q1.
4. Aljoscha Gruler, Jesica de Armas, Angel A. Juan. Modeling Human Behavior in Social Networks: a survey and the need for simheuristics. *International Journal of Production Research*. Q2.
5. Jesica de Armas, Albert Ferrer, Angel A. Juan. A Biased Randomized Heuristic for Non-smooth Arc Routing Problems. *European journal of Production Research*. Q1.
6. Jesica de Armas, Peter Keenan, Angel A. Juan, Sean McGarraghy. Solving Large-Scale Time Capacitated Arc Routing Problems: from real-time heuristics to metaheuristics. *Annals of Operations Research*. Q2.
7. Laura Calvet, Madeleine Lopeman, Jesica de Armas, Guillermo Franco, Angel A. Juan. Statistical and Machine Learning Approaches for the Minimization of Trigger Errors in Earthquake Catastrophe Bonds. *Computational Statistics and Data Analysis*. Q2.
8. Jesica de Armas, Belén Melián-Batista, Julio Brito. A Metaheuristic Approach for the Intermodal Vehicle Routing Problem with Time Windows. *Engineering Application of Artificial Intelligence*. Q1.

Book Chapter:

Christopher Expósito-Izquierdo, Eduardo Lalla-Ruiz, Jesica de Armas, Belén Melián-Batista, and J. Marcos Moreno-Vega. Maritime Container Terminal Problems. *Handbook of Heuristics*, 2017. DOI 10.1007/978-3-319-07153-4_57-1.

Congress Contributions:

1. Gabriel Alemany; Alvaro García-Sánchez; Jesica de Armas; Angel A. Juan; Roberto García-Meizoso; Miguel Ortega-Mier. Combining Monte Carlo Simulation with Heuristics to Solve a Rich and Real-life Multi-depot Vehicle Routing Problem. Winter Simulation Conference 2016. Washington, USA. 11/12/2016. ISBN 978-1-5090-4485-6
2. Xavier Serra; Jesica de Armas; Joan Manuel Márques. Simulating and Optimizing Resource Allocation in a Micro-blogging Application. Winter Simulation Conference 2016. Washington, USA. 11/12/2016. ISBN 978-1-5090-4485-6
3. Angel A. Juan; Manuel Chica; Jesica de Armas; David Kelton. Simheuristics: a method of first resort for solving real-life combinatorial optimization problems. OR58 Annual Conference. Portsmouth, UK. 06/09/2016. pp. 147 - 156. ISBN 978-0-903440-60-8
4. Alba Agustín, Alioscha Gruler, Jesica de Armas, Angel A. Juan. Optimizing Airline Crew Scheduling Using Biased Randomization: A Case Study. Conference of the Spanish Association for Artificial Intelligence, 331-340. 2016. ISSN 0302-9743, ISBN 978-3-319-44635-6
5. Alioscha Gruler, Jesica de Armas, Angel A. Juan. Behavioral Factors in City Logistics from an Operations Research Perspective. International Conference on Smart Cities, 32-41. 2016.
6. Laura Calvet, Renatas Kizys, Angel A. Juan, Jesica de Armas. A SimILS-Based Methodology for a Portfolio Optimization Problem with Stochastic Returns Modeling and Simulation in Engineering, Economics and Management, 3-11. 2016.
7. Jesica de Armas, Laura Calvet, Guillermo Franco, Madeleine Lopeman, Angel A. Juan. Minimizing Trigger Error in Parametric Earthquake Catastrophe Bonds via Statistical Approaches. Modeling and Simulation in Engineering, Economics and Management, 167-175. 2016.
8. Jesica De Armas, Pere Tuset, Tengfei Chang, Ferran Adelantado, Thomas Watteyne, et al.. Determinism Through Path Diversity: Why Packet Replication Makes Sense. *International Conference on Intelligent Networking and Collaborative Systems (INCoS)*, Sep 2016, Ostrava, Czech Republic, France.
9. A Multi-Stage Approach Aimed at Optimizing the Transshipment of Containers in a Maritime Container Terminal. Eurocast 2015. Las Palmas, Canarias, Spain. 08/02/2015 - 13/02/2015 Christopher Expósito Izquierdo; Jesica de Armas Adrian; Eduardo Lalla Ruiz; Belén Melián Batista; J.Marcos Moreno Vega.
10. Intermodal Dynamic Vehicle Routing Problem. Eurocast 2015. Las Palmas, Canarias, Spain. 08/02/2015 - 13/02/2015 Jéscica de Armas Adrián; Belén Melián Batista; Julio Brito Santana.
11. Búsqueda por Entornos Variables para el Problema de Asignacion de Atraques. MAEB 2015: Congreso Español de Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. Mérida, Extremadura, Spain. 04/02/2015 - 06/02/2015.

Christopher Expósito Izquierdo; Eduardo Lalla Ruiz; Jesica de Armas Adrian; Belén Melián Batista; J. Marcos Moreno Vega. ISBN 978-84-697-2150-6.

12. Modelado del Transbordo de Contenedores en una Terminal Marítima de Contenedores. MAEB 2015: Congreso Español de Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. Mérida, Extremadura, Spain. 04/02/2015-06/02/2015. Christopher Expósito Izquierdo; Jesica de Armas Adrian; Eduardo Lalla Ruiz; Belén Melián Batista; J. Marcos Moreno Vega. ISBN 978-84-697-2150-6.

13. Un Problema Real de Planificación de Rutas de Vehículos con Intermodalidad. MAEB 2015: Congreso Español de Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. Mérida, Extremadura, Spain. 04/02/2015 - 06/02/2015. Jesica de Armas Adrian; Eduardo Lalla Ruiz; Christopher Expósito Izquierdo; Belén Melián Batista; Julio Brito Santana. ISBN 978-84-697-2150-6.

14. An Solution GVNS for an Intermodal VRPTW. META 2014: International Conference on Metaheuristics and Nature Inspired Computing Ciudad de celebración: Marrakech, Marruecos. 27/10/2014 - 31/10/2014 Jesica de Armas Adrián; Julio Brito Santana; Belén Melián Batista.

15. Híbrido basado en VNS para la Planificación real de Rutas de Vehículos con Ventanas de tiempo. MAEB 2013: IX Congreso Español de Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. Madrid, Spain. 16/09/2013. Jesica de Armas Adrián; Belén Melián Batista; José Andrés Moreno Pérez. ISBN 978-84-695-8348-7

16. Constrained Dynamic Vehicle Routing Problem with Time Windows. VeRoLog 2013. Southampton, Reino Unido 07/07/2013 - 10/07/2013. University of Southampton. UK. Jesica de Armas Adrián; Belén Melián Batista; José A. Moreno Pérez.

17. Multiobjective Restricted Dynamic Vehicle Routing Problem with time Windows. International Workshop on locational Analysis and Related Problems. Málaga, Andalucía, Spain. 19/06/2013 - 21/06/2013 Jéscica de Armas Adrián; Belén Melián Batista; José Andrés Moreno Pérez.

18. Multi-Objective Restricted Dynamic Vehicle Routing Problem with Time Windows. 22nd International Conference on Multiple Criteria Decision Making. Málaga, Andalucía, Spain. 17/06/2013 - 21/06/2013. Universidad de Málaga. Jesica de Armas Adrián; Belén Melián Batista; José A. Moreno Pérez.

19. Restricted Dynamic Heterogeneous Fleet Vehicle Routing Problem with Time Windows. IWANN 2013: International Work Conference on Artificial Neural Networks. Puerto de la Cruz, Canarias, Spain. 12/06/2013 - 14/06/2013. Jesica de Armas Adrián; Belén Melián Batista; José A. Moreno Pérez. 2, pp. 36 - 45. 14/06/2013. ISSN 0302-9743

20. Parallelization of the Multi-objective Container Loading Problem. CEC 2012: IEEE Congress on Evolutionary Computation. Brisbane, Australia. 10/06/2012 - 15/06/2012. Jéscica de Armas Adrián; Yanira González González; Gara Miranda Valladares; Coromoto León Hernández. ISBN 978-1-4673-1508-1

21. Comparing Encoding Schemes for Multi-objective Two-dimensional Guillotine Cutting Problems. 9th ESICUP Meeting. San Cristobal de La Laguna, Canarias, Spain. 21/03/2012 - 23/03/2012. Jéscica de Armas Adrián; Gara Miranda Valladares; Coromoto León Hernández.

22. Parallel Models for the Multi-Objective Container Loading Problem. 9th ESICUP Meeting. San Cristobal de La Laguna, Canarias, Spain. 21/03/2012 - 23/03/2012. Yanira González González; Jéscica de Armas Adrián; Gara Miranda Valladares; Coromoto León Hernández.

23. El problema de carga de contenedores: una aproximación paralela y multi-objetivo. MAEB 2012: VIII Congreso Español sobre Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. 08/02/2012. Albacete, Spain. Armas, Jesica de; González, Yanira; Miranda, Gara; León, Coromoto. ISBN 978-84-615-6931-1

24. Hyperheuristic encoding scheme for multi-objective guillotine cutting problems Nombre del congreso: GECCO 2011: Genetic and Evolutionary Computation Confence. 12/07/2011. Dublin, Ireland Armas, Jesica de; Miranda, Gara; León, Coromoto. ISBN 978-1-4503-0556-0

25. A multi-objective approach for the 2d guillotine cutting stock problem. IWANN 2011: International Work Conference on Artificial Neural Networks. 08/06/2011. Torremolinos, Málaga, Spain. Armas, Jesica de; León, Gara Miranda; Coromoto. ISSN 0302-9743, ISBN 978-3-642-21497-4

26. Two encoding schemes for a multi-objective cutting stock problem. CEC 2011: IEEE Congress on Evolutionary Computation. 05/06/2011. New Orleans, LA Armas, Jesica de; Miranda, Gara; León, Coromoto. ISBN 978-1-4244-7833-0

27. Multi-objective Solution for 2D Guillotine Cutting Stock Problem. 8th ESICUP Meeting. Copenhagen, Dinamarca. 19/05/2011- 21/05/2011 Jéscica de Armas Adrián; Gara Miranda Valladares; Coromoto León Hernández.
28. Resolución Evolutiva del problema multiobjetivo 2D Strip Packing: Análisis de las Codificaciones. MAEB 2010: VII Congreso Español sobre Metaheurísticas, Algoritmos Evolutivos y Bioinspirados. 07/09/2010. Valencia, Spain Jéscica de Armas, Coromoto León, Gara Miranda. ISBN 978-84-92812-58-5
29. Hyperheuristic Codification for the Multi-Objective 2D Guillotine Strip Packing Problem. CEC 2010: IEEE Congress on Evolutionary Computation. Barcelona, Spain. 18/07/2010. Jéscica de Armas, Coromoto León, Gara Miranda. ISBN 978-1-4244-6910-9
30. Codifications in Evolutionary Algorithms for the Multi-Objective 2D Guillotine Strip Packing Problem. EURO XXIV: 24th European Conference on Operational Research. 11/07/2010. Lisboa, Portugal. Jéscica de Armas, Coromoto León, Gara Miranda.
31. Fine and Coarse-grained Parallel Algorithms for the 2D Cutting Stock Problem. 18th Euromicro International Conference on Parallel, Distributed and Network-Based Computing. 17/02/2010. Pisa, Italy. Jéscica de Armas, Coromoto León, Gara Miranda. ISBN 978-0-7695-3939-3
32. A parallel evolutionary approach to solve a multi-objective two-dimensional strip packing problem. 6th esicup meeting. Valencia, Spain. 01/01/2009. Armas, Jesica de; León, Coromoto; Miranda, Gara; Segura, Carlos.
33. Remote service to solve the two-dimensional cutting stock. 2nd international conference on complex, intelligent and software intensive systems. Spain. 04/03/2008 Armas, Jesica de; León, Coromoto; Miranda, Gara; Segura, Carlos. ISBN 0-7695-3109-1
34. Interfaz gráfica de usuario para el problema de corte bidimensional. una aplicación al traje típico de las islas canarias. IX congreso internacional de interacción persona-ordenador. Albacete, Spain. 01/01/2008. Armas, Jesica de; León, Coromoto; Miranda, Gara; Segura, Carlos. ISBN 978-84-691-3871-7
35. Optimización del problema de corte bidimensional multi-objetivo Nombre del congreso: XIX jornadas de paralelismo. Valencia, Spain. 01/01/2008. Armas, Jesica de; León, Coromoto; Miranda, Gara; Segura, Carlos. ISBN 978-84-8021-676-0
36. Optimization of a two-dimensional cutting problem through parallel cooperation of multi-objective evolutionary algorithms. International workshop on state-of-the-art in scientific and parallel computing. 01/01/2008. Armas, Jesica de; León, Coromoto; Miranda, Gara; Segura, Carlos.
37. Interfaz gráfica para el corte del traje de mago de la Orotava. XVII Congreso Español en Informática Gráfica. Zaragoza, Sapin. 11/09/2007. Armas, J. de; León, C.; Miranda, G.; Segura, C. "Thomson". ISBN 978-84-9732-595-0

Participation in Research Projects

1. Red de Excelencia en Transporte, Logística, y Producción Inteligente.
Main researcher: Angel A. Juan.
Spanish Ministry of Economy and Competitiveness. TRA2015-71883-REDT. 2016-2017
2. ComputerCOOP: Computer-based decision support for Horizontal Cooperation in Transportation and Logistics.
Main researchers: Angel A. Juan & Joan M. Marques.
Spanish Ministry of Economy and Competitiveness. TRA2013-48180-C3-3-P. 2014-2016
3. SmartLogistics@IB: Red Iberoamericana de Logística Inteligente en la Gestión Sostenible del Transporte en Núcleos Urbanos.
Main researcher: Javier Faulin.
CYTED2014-P514RT0013. 2015-2018
4. iTRANS. Development of an Intelligent System of Planning, Eco-Efficient Management and Dynamic Transport Optimization / iTRANS. Desarrollo de un Sistema Inteligente de Planificación, Gestión Eco-eficiente y Optimización Dinámica del Transporte.
Universidad de La Laguna
Main researcher: María Belén Melián Batista
Ministerio de Industria, Turismo y Comercio Ciudad. TSI-020100-2011-298. 01/11/2011 - 31/10/2012
5. TOP - Parallel Optimization Techniques. Hibridación de computación evolutiva e hiperheurísticas.
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Ministerio de Ciencia e Innovación. 01/01/2012 - 1 year.

6. Parallel algorithms and languages / Algoritmos y lenguajes paralelos.
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Vicerrectorado de Investigación, Desarrollo Tecnológico e Innovación. ULL. EXP.1341. 28/07/2010 – 5 months
7. Parallel algorithms and languages / Algoritmos y lenguajes paralelos
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Vicerrectorado de Investigación, Desarrollo Tecnológico e Innovación. ULL. 180.221.09.04. 01/04/2009 – 9 months.
8. Two-dimensional cutting problem: algorithms and applications / El problema de corte bidimensional: algoritmos y aplicaciones
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Agencia Canaria de Investigación, Innovación y Sociedad de la Información. PI2007/015. 01/03/2009. 3 years.
9. Multiobjective metaheuristics and engineering / metaheurísticas multiobjetivo e ingeniería
Main researcher: Coromoto León Hernández
Ministerio de ciencia e innovación. Plan Nacional Cód. según financiadora: TIN2008-06491-C04-02. 31/12/2008 - 3 years.
10. Optimization and network environments / Optimización y ambientes de red
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Vicerrectorado de Investigación, Desarrollo Tecnológico e Innovación. ULL. 180.221.07.02. 01/01/2007 -11 months
11. Optimization and network environments / Optimización y ambientes de red
Universidad de La Laguna
Main researcher: Coromoto León Hernández
Ministerio de ciencia e innovación. TIN2005-08818-C04-04. 31/12/2005 - 3 years

Advising

1. PhD Thesis. Metaheuristics and Simheuristics for Telecommunication Systems in Smart Cities. Universitat Oberta de Catalunya. Stephanie Álvarez. 22/09/2016-currently.
2. Master Degree Thesis. Metaheuristic algorithms for solving the Multi-depot Arc Routing Problem. Universitat Oberta de Catalunya-Universitat Rovira Virgili. Patricio Page. 22/09/2016-currently.
3. Degree Thesis. VRP enriquit aplicat al sector del transport d'hidrocarburs. Universitat Oberta de Catalunya. Gabriel Alemany. 22/01/2016
4. Degree Thesis. Ambulance routes on patient groups in response to emergency situations. Universidad de La Laguna. Enrique Tejera González. 25/09/2015
5. Degree Thesis. Simulator, based on heuristics and metaheuristics, for vehicle scheduling problems within a port terminal. Universidad de La Laguna. Bruno Alessio Bibbó. 24/07/2015
6. Degree Thesis. Optimizing two-dimensional cutting problem using multiobjective metaheuristics. Universidad de Málaga. Rubén López García. 20/12/2009

Teaching Experience

1. Quantitative Methods for Decision-making / Métodos Cuantitativos para la toma de decisiones
Degree in Business and Management / Grado en Empresariales y Management
22/09/2016 - 22/09/2017
Universitat Pompeu Fabra
2. Distributed Systems / Sistemas Distribuidos
Degree in Computer Engineering / Grado en Ingeniería Informática
01/09/2015 – 01/01/2017
Universitat Oberta de Catalunya
3. Algorithms and Data Structures/ Algoritmos y Estructuras de Datos
Degree in Computer Engineering / Grado en Ingeniería Informática

26/01/2014 - 30/04/2014
Universidad de La Laguna

4. Basis of Software Engineering/ Fundamentos de Ingeniería del Software
Degree in Computer Engineering / Grado en Ingeniería Informática
26/01/2014 - 14/02/2014
Universidad de La Laguna

5. Basic Computing / Informática Básica
Degree in Computer Engineering / Grado en Ingeniería Informática
01/09/2011 - 01/02/2012
Universidad de La Laguna

6. Distributed Systems Programming / Programación de Sistemas Distribuidos
Technical Computer Engineering / Ingeniería Técnica en Informática de Sistemas
01/09/2011 - 01/02/2012
Universidad de La Laguna

7. Basic Computing / Informática Básica
Degree in Computer Engineering / Grado en Ingeniería Informática
01/09/2010 - 01/02/2011
Universidad de La Laguna

7. Design and Analysis of Languages / Diseño y Análisis de Lenguajes
Master in Applied Computer Science / Máster en Ingeniería Informática Aplicada a la Industria, la Ingeniería del Software y a los Sistemas y Tecnologías de la Información
01/09/2010 - 01/02/2011
Universidad de La Laguna

Accreditations

1. Profesor Agregado. AQU: Agència per a la Qualitat del Sistema Universitari de Catalunya. 04/10/2016
2. Profesor Contratado Doctor. ANECA: Agencia Nacional de Evaluación de la Calidad y Acreditación. 03/10/2016
3. Profesor Universidad Privada. ANECA: Agencia Nacional de Evaluación de la Calidad y Acreditación. 03/10/2016
4. Profesor Ayudante Doctor. ANECA: Agencia Nacional de Evaluación de la Calidad y Acreditación. 23/09/2013
5. Profesor Ayudante Doctor. ACECAU: Agencia canaria de calidad universitaria y evaluación educativa. 04/12/2012