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Tânia Rodrigues Pereira Ramos



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Academic Qualifications

University/Institution	Type	Degree	Period
Instituto Superior Técnico - Universidade Técnica de Lisboa	PhD	Engenharia e Gestão	2012
Instituto Superior Técnico - UTL	M.Sc.	Investigação Operacional e Eng. Sistemas	2008
ISCTE-IUL - Instituto Superior Ciências Trabalho e da Empresa	Licenciate	Organização e Gestão de Empresas	2003

Supervisions

- **M.Sc. Dissertations**

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year

1	Luís Miguel Farinha da Silva Alves	Um Paradigma Disruptivo no Transporte Rodoviário de Longo Curso: O uso de Relay Points	Portuguese	Iscte	2016
2	Paulo Alexandre Santos Mendes	Desenho e Planeamento de Rotas de um Serviço de Apoio Domiciliário	Portuguese	Iscte	2016
3	Manuel Mendes Correia	Modelo de Apoio à Decisão para a Utilização de TIC na Otimização de Recolha de Resíduos Recicláveis	Portuguese	Iscte	2016
4	Gonçalo Santos Aguiar	Reconfiguração da Rede Logística em Sistemas de Recolha de Resíduos	Portuguese	Iscte	2016
5	Pedro Miguel Alves Nunes	H3 - O Melhor Layout para um Serviço "Not So Fast (Food)"	Portuguese	Iscte	2014

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Rodrigo Ferreira da Rocha e Silva	The Multi-Compartment Vehicle Routing Problem in the Collection of Recyclable Minicipal Solid Waste	English	Iscte	2016
2	Guilherme João Rodrigues Nascimento	O Planeamento e Gestão de Risco no Projeto de Migração de Armazéns na NOS, S.A.	Portuguese	Iscte	2016
3	Nuno Miguel Raposo de Matos	Melhoria dos Processos de Logística Inversa da Worten	Portuguese	Iscte	2016
4	Joana Filipa Alarico dos Santos Belfo	Reparte de Revistas Especializadas com Auxílio da Aplicação de Métodos de Previsão	Portuguese	Iscte	2016
5	Sérgio Valente Antunes	Estudo do Layout das Instalações de uma Unidade de Produção de Perfis de Alumínio	Portuguese	Iscte	2016
6	Neusa de Fátima Alves Fonseca	Análise e Desenvolvimento do Planeamento de Rotas de Distribuição da Sonae MC	Portuguese	Iscte	2015
7	Sara Mónica Coutinho Vital	Desenvolvimento de um Modelo de Distribuição Integrada de Fluxos Alimentares e Bazar no Transportes da Sonae MC	Portuguese	Iscte	2015
8	Rute Vanessa Marques Feliciano	Melhoria do Processo de Atendimento da Faclima	Portuguese	Iscte	2014
9	Gonçalo Sonso de Sousa Rodrigues	Estudo Sobre Frota Própria Versus Frota Subcontratada na Empresa Logifarma	Portuguese	Iscte	2014

10	Adriano Dinis Oliveira	Utilização de Veículos com Multi-Compartimentos na Definição de Rotas de Recolha de Resíduos Recicláveis	Portuguese	Iscte	2014
11	João Manuel Gomes Fernandes	Fundamentos da Gestão de Stocks e sua Aplicação numa Empresa Distribuidora de Produtos Farmacêuticos	Portuguese	Iscte	2014
12	Sara Margarida Medeiros Cordeiro	Melhoria das Condições Portuárias do Espaço Reservado à Operação Marítima de Passageiros na Praia da Vitória	Portuguese	Iscte	2014
13	Diogo dos Santos Gonçalves	Tecnologias de Informação e Comunicação para optimização da recolha de resíduos recicláveis	Portuguese	Iscte	2014
14	Francisco Moreira dos Santos Macedo da Fonseca	Mudança do Fluxo Logístico de Abastecimento entre a L'Oréal e o Cliente Auchan	Portuguese	Iscte	2014
15	José Luís de Almeida Lourenço	Localização de Centros de Operações Logísticas na Luís Simões Logística Integrada S.A	Portuguese	Iscte	2014
16	André Luís de Oliveira Afonso	Gestão de Stocks - Aplicação Prática a uma Empresa de Consumíveis de Escritório	Portuguese	Iscte	2012
17	Bruno Miguel Poeta Fernandes Aleixo	Capacidade, Planeamento e Programação da Produção da Empresa Licores Serrano, LDA.	Portuguese	Iscte	2011
18	António Manuel Marques Teixeira	--	--	Iscte	2011
19	Maria de Vasconcelos do Couto C. Cardoso de Sainz Trueva	Avaliação da Gestão de Stocks e Reorganização do Layout num Concessionário Automóvel.	Portuguese	Iscte	2009
20	Ana Sofia Branco da Fonseca	Redesenho da rede de fluxos da DHL Excel Supply Chain Portugal: Localização de uma plataforma logística.	Portuguese	Iscte	2009

Total Citations

Web of Science®	948
Scopus	978

Publications

- **Scientific Journals**

  - Scientific journal paper

1	Ramos, T. R. P., Gomes, M. I. & Barbosa-Póvoa, A. P. (2020). A new matheuristic approach for the multi-depot vehicle routing problem with inter-depot routes. OR Spectrum, 42(1), 75?110. https://doi.org/10.1007/s00291-019-00568-7 - Times Cited Web of Science®: 20 - Times Cited Scopus: 20
2	Rubio, S., Ramos, T. R. P., Leitão, M. M. R. & Barbosa-Póvoa, A. P. (2019). Effectiveness of extended producer responsibility policies implementation: the case of Portuguese and Spanish packaging waste systems. Journal of Cleaner Production,(210), 217?230. https://doi.org/10.1016/j.jclepro.2018.10.299 - Times Cited Web of Science®: 98 - Times Cited Scopus: 103
3	Ramos, T., Gomes, M. I. & Barbosa-Póvoa, A. P. (2019). Multi-depot vehicle routing problem: a comparative study of alternative formulations. International Journal of Logistics Research and Applications, 23(2), 103?120. https://doi.org/10.1080/13675567.2019.1630374 - Times Cited Web of Science®: 58 - Times Cited Scopus: 59
4	Gomes, M. I. & Ramos, T. (2019). Modelling and (re-)planning periodic home social care services with loyalty and non-loyalty features. European Journal of Operational Research, 277(1), 284?299. https://doi.org/10.1016/j.ejor.2019.01.061 - Times Cited Web of Science®: 52 - Times Cited Scopus: 51
5	Ramos, T. R. P., de Morais, C. S. & Barbosa-Póvoa, A. P. (2018). The smart waste collection routing problem: alternative operational management approaches. Expert Systems with Applications, 103, 146?158. https://doi.org/10.1016/j.eswa.2018.03.001 - Times Cited Web of Science®: 113 - Times Cited Scopus: 128
6	Bing, X. Y., Bloemhof, J. M., Ramos, T. R. P., Barbosa-Póvoa, A. P., Wong, C. Y. & van der Vosrt, J. G. A. J. (2016). Research challenges in municipal solid waste logistics management. Waste Management, 48, 584?592. https://doi.org/10.1016/j.wasman.2015.11.025 - Times Cited Web of Science®: 207 - Times Cited Scopus: 214
7	Martins, A., Crespo de Carvalho, J. & Ramos, T. (2014). Assessing obstetrics perceived service quality at a public hospital. Journal of Global Strategic Management, 8(1), 16?25. https://doi.org/10.20460/jgsm.2014815649 - Times Cited Google Scholar: 46
8	Ramos, T., Gomes, M. I. & Barbosa-Póvoa, A. P. (2014). Economic and environmental concerns in planning recyclable waste collection systems. Transportation Research Part E: Logistics and Transportation Review, 62, 34?54. https://doi.org/10.1016/j.tre.2013.12.002 - Times Cited Web of Science®: 45 - Times Cited Scopus: 50
9	Ramos, T., Gomes, M. I. & Barbosa-Póvoa, A. P. (2014). Assessing and improving management practices when planning packaging waste collection systems. Resources, Conservation and Recycling, 85, 116?129. https://doi.org/10.1016/j.resconrec.2013.12.013 - Times Cited Web of Science®: 18 - Times Cited Scopus: 21

10	Ramos, T., Gomes, M. I. & Barbosa-Póvoa, A. P. (2014). Planning a sustainable reverse logistics system: balancing costs with environmental and social concerns. Omega, 48, 60?74. https://doi.org/10.1016/j.omega.2013.11.006 - Times Cited Web of Science®: 198 - Times Cited Scopus: 213
11	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). Planning waste cooking oil collection systems. Waste Management, 33(8), 1691?1703. https://doi.org/10.1016/j.wasman.2013.04.005 - Times Cited Web of Science®: 81 - Times Cited Scopus: 74
12	Ramos, T. & Oliveira, R.C. (2011). Delimitation of service areas in reverse logistics networks with multiple depots. Journal of the Operational Research Society, 62(7), 1198?1210. https://doi.org/10.1057/jors.2010.83 - Times Cited Web of Science®: 44 - Times Cited Scopus: 37

• Books and Book Chapters

- Book author

1	Crespo de Carvalho, J. & Ramos, T. (2013). Logística na Saúde. Edições Sílabo. - Times Cited Google Scholar: 14
2	Crespo de Carvalho, J., Dias, E.B., Martins, A., Menezes, J. & Ramos, T. (2010). Logística e Gestão da Cadeia de Abastecimento. Sílabo. - Times Cited Google Scholar: 787

- Book chapter

1	Ferreira, J., Martins, A. & Ramos, T. (2017). GoodsPooling an intelligent approach for urban logistics. Ambient Intelligence (ISAmI). https://doi.org/10.1007/978-3-319-61118-1 - Times Cited Google Scholar: 7
2	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2014). Reestruturação de áreas de influência e de rotas de veículos num sistema de recolha de resíduos recicláveis. In Rui Carvalho Oliveira and José Soeiro Ferreira (Ed.), Investigação Operacional em Ação. Casos de Aplicação (pp. 435?471). Coimbra: Imprensa da Universidade de Coimbra.
3	Ramos, T. (2010). Gestão da Armazenagem e dos Stocks na Gestão da Cadeia de Abastecimento. In José Crespo de Carvalho (Ed.), Logística e Gestão da Cadeia de Abastecimento (pp. 229?324). Sílabo.

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Lopes, D., Ramos, T. & Póvoa, A. (2015). Optimization of a recyclabe waste collection system: The Valorsul case study. In Ana Paula Ferreira Dias Barbosa Póvoa, João Luis de Miranda (Ed.), Operations Research and Big Data - IO2015 XVII Congress of Portuguese Association of Operational Research (APDIO). Springer. https://doi.org/10.1007/978-3-319-24154-8_12 - Times Cited Scopus: 2

2	Oliveira, A., Ramos, T. & Martins, A. (2015). Planning collection routes with multi-compartment vehicles. In Ana Paula Ferreira Dias Barbosa Póvoa and João Luis de Miranda (Ed.), Operations Research and Big Data: IO2015-XVII Congress of Portuguese Association of Operational Research (APDIO). Springer. https://doi.org/10.1007/978-3-319-24154-8_16 - Times Cited Scopus: 6
3	Martins, A., Crespo de Carvalho, J., Ramos, T. & Fael, J. (2015). Assessing obstetrics perceived service quality at a public hospital. Procedia - Social and Behavioral Sciences (pp. 414?422). Elsevier Science BV. https://doi.org/10.1016/j.sbspro.2015.04.904 - Times Cited Web of Science®: 14 - Times Cited Google Scholar: 6
4	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). Tactical and Operational Planning in Reverse Logistics Systems with Multiple Depots. In José F. Oliveira, Clara B. Vaz (Ed.), XVI Congresso da Associação Portuguesa de Investigação Operacional - IO 2013 (pp. 286?295).
5	Martins, A., Crespo de Carvalho, J., Ramos, T. & Fael, J. (2013). Assessing Obstetrics Perceived Service Quality at a Public Hospital. In Esra Erzengin Ozdemir + Mehtap Ozsahin (Ed.), 3rd International Conference on Leadership, Technology and Innovation Management (pp. 435?443). Okan University.
6	Menezes, J. & Ramos, T. (2013). APPROACHING RECYCLING PACKAGING SYSTEM THROUGH SERVICE LOGIC: THE PROCESS OF MUTUAL VALUE CREATION. In Cândida Vilarinho and Fernando Castro (Ed.), Wastes 2013: 2nd Edition of the International Conference and Exhibition WASTES: Solutions, Treatments and Opportunities (pp. 715?720).
7	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). RECYCLABLE PACKAGING WASTE COLLECTION SYSTEMS: REDESIGNING SERVICE AREAS AND COLLECTION ROUTES IN A REAL CASE-STUDY. In Cândida Vilarinho and Fernando Castro (Ed.), Wastes 2013: 2nd Edition of the International Conference and Exhibition WASTES: Solutions, Treatments and Opportunities (pp. 709?714).
8	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2012). Minimizing CO2 Emissions in a Recyclable Waste Collection System with Multiple Depots. 4th Production and Operations Management World Conference (pp. 0?0).
9	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). Restructuring service areas and vehicle routes in a recyclable waste collection system. 18th EurOMA Conference (pp. 0?0).
10	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). A hybrid method to solve a multi-product, multi-depot vehicle routing problem arising in a recyclable waste collection system. VII ALIO/EURO (pp. 206?209).
11	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). Solving a multi-product, multi-depot vehicle routing problem by a hybrid method. IO2011 (pp. 261?273).
12	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2010). A Multi-product, Multi-depot Periodic Vehicle Routing Problem in a Reverse Logistics System. In Mark D. Hanna (Ed.), 21th Annual Conference of the Production and Operations Management Society (POMS) (pp. 0?0).
13	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2009). A multi-product, multi-depot vehicle routing problem in a reverse logistics system. In Ana Paula Barbosa Póvoa; Maria Isabel Gomes (Ed.), IO 2009 (pp. 195?202).

- Talk

1	Adriano Oliveira, Ramos, T. & Martins, A. (2015). Planning collection routes with multi-compartment vehicles. Operations Research and Big Data - IO2015 XVII Congress of Portuguese Association of Operational Research (APDIO), 15, 131?138.
2	Gomes, M.I. & Ramos, T. (2015). Helping a social assistant to plan her homecare service. Euro Mini Conference: Improving Healthcare: New Challenges, New Approaches,.
3	Gomes, M.I. & Ramos, T. (2015). Homecare Service Planning with a Non-Loyalty Feature. IO2015 - IO&Big Data,.
4	Diogo Lopes, Ramos, T. & Barbosa-Póvoa, A.P. (2015). Optimization of a Recyclable Waste Collection System - The Valorsul Case Study. IO2015 - IO&Big Data,.
5	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). Tactical and Operational Planning in Reverse Logistics Systems with Multiple Depots. XVI Congresso da Associação Portuguesa de Investigação Operacional - IO 2013,, 286?295.
6	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). A Multi-Depot Vehicle Routing Problem with Open Routes in a Waste Oil Collection System. Mathematics of Operations and Logistics Conference,.
7	Martins, A., Crespo de Carvalho, J., Ramos, T. & Fael, J. (2013). Assessing Obstetrics Perceived Service Quality at a Public Hospital. 3rd International Conference on Leadership, Technology and Innovation Management, 1, 435?443.
8	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2013). RECYCLABLE PACKAGING WASTE COLLECTION SYSTEMS: REDESIGNING SERVICE AREAS AND COLLECTION ROUTES IN A REAL CASE-STUDY. Wastes 2013: 2nd Edition of the International Conference and Exhibition WASTES: Solutions, Treatments and Opportunities,, 709?714.
9	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2012). Planning Service Areas and Vehicle Routes in a Packaging Waste Collection System. 1st International EIMPack Congress,.
10	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2012). Minimizing CO2 Emissions in a Recyclable Waste Collection System with Multiple Depots. 4th World Conference P&OM,.
11	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2012). Minimizing CO2 Emissions versus Distance in a Recyclable Waste Collection System with Multiple Products and Depots. 1st Annual Conference of the EURO Working Group on Vehicle Routing and Logistics Optimization (Verolog),.
12	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). A hybrid method to solve a multi-product, multi-depot vehicle routing problem arising in a recyclable waste collection system. VII ALIO/EURO,.
13	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). Solving a multi-product, multi-depot vehicle routing problem by a hybrid method. IO2011,.
14	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2011). Restructuring service areas and vehicle routes in a recyclable waste collection system. 18th EurOMA Conference,.
15	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2010). Multi-Depot Vehicle Routing Problem: Comparative study of alternative formulations. 24th European Conference on Operational Research (EURO),.
16	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2010). A multi-product, multi-depot periodic vehicle routing problem in a reverse logistics system. 21th Annual Conference of the Production and Operations Management Society (POMS),.

17	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2009). A multi-product, multi-depot vehicle routing problem in a reverse logistics. 9th International Workshop on Closed-Loop Supply Chain Management,.
18	Ramos, T., Gomes, M.I. & Barbosa-Póvoa, A.P. (2009). A multi-product, multi-depot vehicle routing problem in a reverse logistics system. IO 2009,.
19	Ramos, T. & Oliveira, R.C. (2008). Delimitação de áreas de influência em sistemas de logística inversa. IO 2008,.

• Other Publications

- Other publications

1	Martins, A., Nunes, Ana Catarina, Ramos, T. & Ferreira, J. (2018). Improving fleet solution – a case study. SmartCity360º,.
2	Martins, A., Nunes, Ana Catarina, Ramos, T. & Ferreira, J. (2018). Improving fleet solution – a case study..
3	Ferreira, J., Martins, A. & Ramos, T. (2017). GoodsPooling an intelligent approach for urban logistics. International Conference on Ambient Intelligence (ISAmI),.
4	Ferreira, J., Martins, A. & Ramos, T. (2017). GoodsPooling an intelligent approach for urban logistics..
5	Martins, A., Crespo de Carvalho, J., Ramos, T. & Fael, J. (2013). Assessing Obstetrics Perceived Service Quality at a Public Hospital. 3rd International Conference on Leadership, Technology and Innovation Management,.

Academic Management Positions

Membro (Docente) (2015 - 2017)
Unit/Area: Plenário do Conselho Pedagógico