

ROSA MELO FÉLIX

January 13th 1987 - Lisboa, Portugal

Rua Braamcamp Freire 38, RC Esq. 1900-104 Lisboa
Mobile: (+351) 918 823 772
E-mail: rosamfelix@tecnico.ulisboa.pt
LinkedIn: pt.linkedin.com/in/rosamfelix



Mobility Researcher with focus on travel behavior and urban cycling. Urban cycling and active transportation modes expert. Urban Planning, Civil Engineering and Land Use management. Travel behavior survey and data analysis experienced. GIS proficient. Bicycle advocate. Member of Scientists for Cycling network, Cicloficina dos Anjos, MUBi, and FPCiclismo.

Education Background

2014 to 2019	Ph.D. in Transportation Systems , Instituto Superior Técnico and MIT Portugal Doctoral Program. Thesis: <i>Barriers and motivators to bicycle in low cycling maturity cities</i> (Pass with distinction and honor). Ph.D. grant from National Science Foundation (id: PD/BD/105719/2014).
	Portland State University (Oregon, USA) Visiting Scholar in 2017/2018 academic year.
2012	MSc Territorial Engineering , Instituto Superior Técnico, Universidade Técnica de Lisboa, with overall classification of 17 values. Master' thesis on <i>Bicycle Mobility Management - User's needs and preferences for network planning and management. Lisbon case study</i> (grade 18).
2010	BSc Engineering Sciences - Territorial Engineering , Instituto Superior Técnico, Universidade Técnica de Lisboa.
2004 to 2006	Attendance of Mechanical Engineering courses , Instituto Superior Técnico, Universidade Técnica de Lisboa.

Conferences and Seminars Presentations

29 th Sep 2019, Loulé	Seminário Mobilidade Urbana: 4ª edição. <i>Da infraestrutura à mudança de comportamentos na emergência das Alterações Climáticas.</i>
25 th – 28 th June 2019, Dublin	Velo-City Conference. <i>What induces people to uptake bicycle? Modeling change behavior in a Low Cycling Maturity city. Pen-and-paper data collection method for cyclists, in Lisbon.</i>
28 th – 30 th May 2019, Lisboa	9º Congresso Rodoviário Português. <i>Comparação de barreiras e motivadores para a adoção da bicicleta em Lisboa.</i>
13 th – 17 th Jan 2019, Washington D.C.	Transportation Research Board 98th Annual Meeting. <i>Maturing urban cycling: comparing barriers and motivators to bicycle in Lisbon, Portugal.</i>
12 th – 15 th June 2018, Rio de Janeiro	Velo-City Conference. <i>Surveying the potential cyclists and their barriers and motivators to bicycle in a low cycling maturity city.</i>
12 th – 16 th June 2017, Nijmegen	Scientists for Cycling Colloquium and Velo-City Conference. <i>Identifying potential cyclists and the motivators and deterrents to cycling adoption in cities with low cycling development and maturity.</i>

8 th – 12 th Jan 2017, Washington D.C.	Transportation Research Board 96th Annual Meeting. <i>Typologies of urban cyclists: a review of market segmentation methods for planning practice.</i>
17 th – 19 th Nov 2016, Aveiro	Scientists for Cycling Colloquium. <i>Identifying potential cyclists and its motivators and deterrents to cycle in hilly and un-networked cities.</i>
13 th – 15 th July 2016, Lisboa	22nd International Sustainable Development Research Society Conference. <i>Urban cycling modal share: rising up from incipient networks and numbers.</i>
9 th July 2016, Porto	Colóquio Menos É Mais – Sociedade de Ética Ambiental. <i>Activismo por uma mobilidade sustentável.</i>
16 th May 2016, Lisboa	FUNDEC – Acção de Formação Avançada: Concepção e Soluções Construtivas para Redes Cicláveis. <i>Segurança dos ciclistas e soluções de desenho na concepção de redes cicláveis.</i>
26 th April 2016, Lisboa	Workshop Rede Ciclável da Câmara Municipal de Lisboa. <i>Gestão da Mobilidade em Bicicleta: conhecer os utilizadores para planear as infra-estruturas cicláveis em meio urbano.</i>
20 th Feb 2016, Aveiro	Encontro Nacional de Grupos Promotores da Mobilidade Urbana em Bicicleta. <i>Cicloficina dos Anjos: passado, presente e futuro.</i>
18 th Sep 2015, Seixal	Escolhe, Muda, Combina – Semana Europeia da Mobilidade na Câmara Municipal do Seixal. <i>Gestão da Mobilidade em Bicicleta: conhecer os utilizadores para planear as infra-estruturas cicláveis em meio urbano.</i>
2 nd – 5 th June 2015, Nantes	Velo-City Conference – Cycling: Future Maker. <i>The wheels keep turning: bicycles and the circular economy: Cicloficina dos Anjos local project.</i>
15 th - 16 th May 2014, Barreiro	Conferência Nacional de Geodesição. <i>SirCUL - Ferramenta interativa de planeamento de percursos para ciclistas e de apoio à gestão da mobilidade em Lisboa.</i>
2 nd - 4 th May 2014, Lisboa	XI Congresso Ibérico “A Bicicleta e a Cidade” – Mobilidade Inteligente, Mobilidade Sustentável. <i>Conhecer os utilizadores para planear as infra-estruturas cicláveis em meio urbano.</i>
15 th - 19 th July 2013, Dublin	AESOP / ACSP 5th Joint Congress 2013 - Planning for Resilient Cities and Regions. <i>A Participative Bike Route Planner to Improve Adaptive Cycling Strategies in Cycling Starter Cities -Typology of Cyclists and Cycling Preferences in Lisbon.</i>
17 th May 2013, Coimbra	CITTA 6th Annual Conference on Planning Research – Responsive Transports for Smart Mobility. <i>A web and GIS-Based Tool (SIRCuL) for a better Cycling Network Planning and Mobility Management - Interfacing bicycle users data and local administration policies.</i>
15 th - 17 th May 2013, Lisboa	XXIVth International Cycling History Conference – Back to the Future: a new city Velorution. <i>User’s needs and preferences for planning and management of cycling network in the city of Lisbon, a ‘starter city’.</i>
20 th - 24 th Feb 2013, Lisboa	Volunteers of Cycling Academy – European VOCA Meeting. <i>Lisbon Bicycle Users and Route Preferences.</i>

Journal Publications

- Félix, R., Moura, F., & Clifton, K. J. (2019). Maturing urban cycling: comparing barriers and motivators to bicycle of cyclists and non-cyclists in Lisbon, Portugal. *Journal of Transport & Health*, 15, 100628. <https://doi.org/10.1016/j.jth.2019.100628>
- Félix, R., Moura, F., & Clifton, K. J. (2017). Typologies of Urban Cyclists: a Review of Market Segmentation Methods for Planning Practice. *Transportation Research Record: Journal of the Transportation Research Board*, 2662(14), 125–133. <https://doi.org/10.3141/2662-14>

Conference communications with peer-reviewed procedia

- Félix, R., Moura, F., Clifton, K. (2019). Comparação das barreiras e motivadores para a adoção da bicicleta em Lisboa. *9º Congresso Rodoviário Português*, Lisboa, Maio 2019. ISBN: 978-989-98338-4-5
- Moura, F., Félix, R., Roque, C. (2019). Avaliação do impacte potencial do programa U-Bike nos padrões de mobilidade da comunidade do Instituto Superior Técnico. *9º Congresso Rodoviário Português*, Lisboa, Maio 2019. ISBN: 978-989-98338-4-5
- Félix, R., Gonçalves, A. B., Silva, J. B. (2014). SIRCUL - Ferramenta interativa de planeamento de percursos para ciclistas e de apoio à Gestão da Mobilidade em Lisboa. Conferência Nacional de Geodesição, Barreiro, May 2014. ISBN: 978-989-20-4966-3

Chapters in books

- Preface of *A Gloriosa Bicicleta: Compêndio de costumes, emoções e desvarios em duas rodas*. Alves, L., & Carvalho, P. (2013). Texto Editores, Lisbon, pp. 11–12. ISBN: 9789724746555
- Félix, R., & Moura, F. (2019). Sistema de bicicletas partilhadas de Lisboa - GIRA, in: Andrade, V., De Castro, J. (Eds.), *Bicicletas Compartilhadas*. LABMOB, Rio de Janeiro. In press.

Work Experience

- | | |
|----------------------|--|
| Dec 2019 – present | PhD researcher for active mobility. Currently working in a research project focused in active mobility: pedestrians, bicycles and e-scooters. A research project for Lisbon Municipality - Mobility Department, at Instituto Superior Técnico. |
| Feb 2019 – Aug 2019 | Socio-economic impacts of the Lisbon public bike-sharing system - 2018 report. Processing and analysis of a large dataset, preparation of a survey for system users, spatial analysis, modeling of system demand and modal replacement, and evaluation of system performance indicators. A project for EMEL, by FUNDEC. |
| Feb 2017 – June 2019 | Coordinator of cyclists' data collection and data analyst. Operations manager, team coordinator and data analyst for regular manual counts of bicyclists at 45 locations in Lisbon, a project for the Lisbon Municipality - Mobility Department, by FUNDEC. |

Oct – Dec 2016	Monitoring the use of bus corridors by motorcyclists in Lisbon. Team coordinator and data analyst for manual counts and survey to motorcyclists, a project for the Lisbon Municipality - Mobility Department, by FUNDEC.
June 2016	Monitoring pedestrians and cyclists in central Lisbon. Active modes counting, a project for the Lisbon Municipality - Mobility Department, by FUNDEC.
Jan – Feb 2016	Characterization of Instituto Superior Técnico community mobility patterns. A study for the IST's application to the POSEUR U-Bike program. Survey, data analysis and report.
Oct 2013 – Sep 2014	Project coordinator, Bicycle parking facilities planner - Bike.POP. Planner for location of 84 bicycle parking facilities at Arroios district and Santa Maria Maior district (Lisbon center). Project developer. Dialogue with communities and with the municipal and district representatives. Bicycle shop coordinator.
May - Oct 2013	Portuguese Federation of Cycletourism and Bicycle Users (FPCUB). Cycling Mobility Plan of Loulé Municipality. Study and Route trace of the European Cycle Route Network - <i>EuroVelo</i> - integration in Portugal. Meetings with political parties for Road Code bill review.
April 2013	Department of Mobility and Transport of the Lisbon Municipality. Professional Improvement Internship for research and proposal of a bicycle route on a hilly area in Western Lisbon.
May - Aug 2013	Artop – Aero Topográfica. Cartography production – Portuguese Land Use Plan 2010. GIS professional.
Mar 2012 - Mar 2013	Directorate-General of the Territory (DGT / Portuguese Geographic Institute). Scholarship Holder for Scientific Research under LANDYN Project – land use and land cover changes in Portugal. Photo-interpretation, geo-referencing. GIS professional.
Feb - Mar 2012	Cartography production. Urban Planning, Transports and Systems Section, Civil Engineering Department of Instituto Superior Técnico. GIS professional.
Mar 2008 - Feb 2012	IT Laboratory Monitor, Department of Civil Engineering at Instituto Superior Técnico. Customer support in informatics, printing and plotting, and training.
Mar - Apr 2011	Census 2011 Enumerator of National Institute of Statistics (INE). District of São João – Lisboa.

Volunteer Work

2011 - present	Coordinator of Cicloficina dos Anjos , a community bicycle shop in Lisbon. Founding member and President of the formal organization in 2014/2015 and 2018/2019. Mentor of Cicloficina do Técnico .
2017 - 2018	Bike mechanic at Bike Farm , Portland OR
2011 - 2013	Writer for B - Cultura da Bicicleta magazine, with a quarterly opinion column.
2010 - 2012 and 2007 - 2009	Student Course Representative in Territorial Engineering MSc and BSc.
2010 - 2011	MUBi (Association for Urban Cycling Mobility) Chairman of General Meeting

	and founding member.
2006 - 2011	Territory Student Association direction member (NET – Núcleo de Estudos dos Alunos de Território). President in 2009/2010.
2006 - 2007	National Youth Council member - Committees on Education, Associations and Youth Civic Participation.

IT Training

2019, March	Introduction to Python online course (codecademy).
2013, May	Training on Google Maps Engine and Google Earth.
2012, April	Training on Quantum GIS .
2011, December	Professional Training on ArcGIS .
2011, April	Training on AutoCAD 2011 – Printing and Layouts.

Software Proficiency

QGIS, ArcGIS, R Project, Qualtrics, Google Maps Engine, AutoCAD, SPSS, HTML, SolidWorks, MS Excel, ArcView.