Ana Cardoso

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Contacts

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Curriculum

Ana Carolina Cardoso is an architect and interdisciplinary researcher, interested in crossing themes related to participatory processes, action research, laboratories for experimentation and citizen innovation, urban activism, collaborative culture and urban commons. She holds a degree in Architecture from the Lisbon School of Architecture - University of Lisbon, and a Master of Architecture (2012). Co-coordinated LABIC Barreiro Velho - Community Innovation Laboratory (2021-2022). Co-organized "Technopolitics in Urban Regeneration: Co-creating Public Spaces", a university extension program carried out by ISCTE, where she taught on topics related to collaborative processes in the city, digital tools and citizen laboratories (2019-2020). During the time she lived in São Paulo, she was an invited professor at the Istituto Europeo di Design-São Paulo, Brazil (2016-2018) where she taught subjects related to the themes of Digital fabrication, Maker Culture, Open Design, Sharing Economy and Collaborative Culture. And she was president of Garagem Fab Lab Association, a space focused on education, innovation, technology and creativity based in São Paulo, Brazil (2015-2018). She is part of A-GRUPA (associated with EDA-Ensaios e Diálogos Associação), an collective of women architects and she is co-founded of Casa da Participação association, based in Aveiro, that works with participatory community development processes. Currently, she is PhD student and assistant researcher at ISTAR / ISCTE-IUL, with an FCT doctoral scholarship, and her research focuses on "City as a laboratory for citizen innovation: a methodological contribution to collaborative practices of co-creation of urban space".

Research Interests

civic innovation; participatory design; urban commons; co-creation; citizen labs; citizen technology

Academic Qualifications

University/Institution	Type	Degree	Period
ISCTE-Instituto Universitário de Lisboa Escola de Tecnologias e Arquitectura	PhD	Arquitetura dos Territórios Metropolitanos Contemporâneos	2025
ISCTE-Instituto Universitário de Lisboa Escola de Tecnologias e Arquitectura	Other type of qualification	O lugar da cidade: a Mouraria - observar, avaliar, agir - um projeto participativo	2019
Universidade de Lisboa Faculdade de Arquitectura	Integrated M.Sc.	Arquitectura	2012
ISCTE-Instituto Universitário de Lisboa Escola de Tecnologias e Arquitectura	Other type of qualification	A Living System – Discursive Wall – Design Studio" Arduino + Grasshopper + Firefly and prototyping	2012
Istanbul Kültür Üniversitesi	Other type of qualification	GreenEngines 3rd Edition: Golden Horn Urban Rehabilitation – Reinventing a Productive Landscape	2011
Universidade Presbiteriana Mackenzie - Faculdade de Arquitetura e Urbanismo	Other type of qualification	Intercâmbio Internacional em Arquitetura e Urbanismo	2010
Universidade de Lisboa Faculdade de Arquitectura	Other type of qualification	Architecture and Cosmology : Qualification of a critical neighbourhood Cova da Moura	2008

External Professional Activities

Period	Employer	Country	Description
2024 - 2024	Vila do Conde City Council	Portugal	Participatory Process Social Development Plan and Social Charter of Vila do Conde
2016 - 2018	Istituto Europeo Di Design São Paulo-SP	Brazil	At the invitation of IED-SP, in 2016, the subjects "Fab, Digital Fabrication and Maker Culture" and "Digital Furniture" and "Digital Furniture" were implemented in the curriculum of the Higher Technological and Bachelor's Education Faculties, in the Product and Service Design courses , Graphic Design, Fashion Design and Interior Design. The subjects taught are interdisciplinary in nature and provide students with direct contact with the environment of a Fab Lab in practice. In addition to showing the possibilities of digital manufacturing in the design project process, concepts such as open design, collaborative design, sharing economy and maker culture are addressed.

2015 - 2018	Garagem Fab Lab	Brazil	Main responsible for the management and operation of the institution. Lead the preparation and execution of strategic and operational plans; Management and supervision of projects in the areas of education, entrepreneurship, innovation and social responsibility, with direct involvement in the formation and coordination of teams; Maker consultant: Development of strategies to connect maker culture to the areas of Education, entrepreneurship, innovation and social responsibility, using collaborative methodologies, open "hands-on" practices to provide solutions based on creativity and prototyping; Educational coordinator and manager focused on innovation, creativity, collaborative design and digital manufacturing processes. Garagem Fab Lab, located in São Paulo, was founded in 2013 and was part of the global network of Fab Labs created by MIT in 2001. It was the first independent Fab Lab in Brazil and the second in the national network, having boosted the growth of the Movement Maker in t
2014 - 2015	Garagem Fab Lab	Brazil	
2014 - 2015	Green Society Institute	Brazil	Lagos Project - Ecological Development of the Lagos region
2013 - 2014	Vertix Engineering and Architecture	Brazil	
2013 - 2016	Vertix Engineering and Architecture	Brazil	

Supervisions

• M.Sc. Final Projects
- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Igor Silvino Vieira Furtado	Community Path: Regeneration of Public Space in Galinheiras. One Urban Connection and Transformation Project	--	Iscte	2024

Total Citations

Web of Science®	3
Scopus	3

Publications

• Scientific Journals
- Scientific journal paper

1	Cardoso, A. & Paio, A. (2021). LABTUR: una contribución metodológica a las prácticas de co-creación del espacio público. ACE: Architecture, Ciudad y Entorno. 16 (46) - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 7

• Books and Book Chapters
- Book chapter

1	Cardoso, A., Mota, J., Seixas, J. & Ataíde, A. (2022). Evolução das redes locais de solidariedade em Portugal: Análise em tempos de pandemia e perspetivas para o futuro. In Oriol Nel·lo; Ismael Blanco; Ricard Gomà (Ed.), El apoyo mutuo en tiempos de crisis: La solidaridad ciudadana durante la pandemia Covid-19 . (pp. 193-224). Buenos Aires: CLACSO.

• Conferences/Workshops and Talks
- Publication in conference proceedings

1	Natividade, V. & Cardoso, A. (2020). FAVLAB II: Digital fabrication in Favela da Maré, Rio de Janeiro. In Builes Escobar, N., and Torreblanca-Díaz, D. A. (Ed.), SIGraDi 2020 Transformative Design - XXIV International Conference of the Iberoamerican Society of Digital Graphics. (pp. 742-749). Medellín: Editora Blucher.
2	Cardoso, A. & Paio, A. (2020). LABTUR - Laboratorios experimentales para la co-creación del espacio urbano: Hacia una metodología de intervención. In Carlos Joan Llop Torné, Marina Cervera. Alonso de Medina,,Francisco Peremiquel Lluch (Ed.), IV Congreso ISUF-H: Metrópolis en recomposición: prospectivas proyectuales en el Siglo XXI: Forma urbis y territorios metropolitanos. Barcelona : Universitat Politecnica de Catalunya. Iniciativa Digital Politecnica.

- Conference proceedings editor

1	Paio, A., Cardoso, A., Farias, A. C. C., Graça, A. & Pomesano, L. (2019). TECHNOPOLITICS IN URBAN REGENERATION CO-CREATING PUBLIC SPACE CONFERENCE PROCEEDINGS. Lisbon . ISCTE-IUL.

- Talk

1	Brandão, A., Borges, J.C., Ferreira, A. C. & Cardoso, A. (2025). Local planners' views on public space vis-a-vis sustainability transitions: evidence from suburban locations in the Lisbon Metropolitan Area. AESOP 2025 Congress .
2	Cardoso, A. (2023). O potencial de transformação social através da investigação-ação - LABIC Barreiro Velho. Seminário de Investigação do Laboratório de Planeamento e Políticas Públicas, DCSPT Universidade de Aveiro.
3	Cardoso, A. & rosa, M. (2023). Masterclass Chão Participado. Escola de Inverno "Do lugar à cidade: Construção coletiva do habitat". Organizado por ISCTE-IUL, Camara Municipal de Lisboa, Universidade de Lisboa Faculdade de Belas-Artes e Universidade de Lisboa Instituto Superior Técnico.

4	Cardoso, A. (2023). Design de ecossistemas de inovação cidadã: Contributos do LABIC Barreiro Velho. 8º Colóquio Arquitetura dos Territórios Metropolitanos (ISCTE-IUL e CIUL).
5	Cardoso, A. (2022). Comunicação oral sobre a metodologia de laboratórios cidadãos. Disciplina "Cidade como linguagem, práticas artísticas e urbanismos contemporâneos" do curso de Geografia da Universidade Federal do Espírito Santo - UFES, coordenada pelo professor Carlos Queiroz.
6	Cardoso, A. & rosa, M. (2022). Apresentação da metodologia LABIC. Blended Intensive Programme (BIP) "Ecological, Economics and Social Sustainability &; Social Integration", International Social Work – Master Social Work, ISCTE-IUL.
7	Cardoso, A. & rosa, M. (2022). Design de transição para a recodificação do valor da terra no Barreiro Velho: Um contributo metodológico. 7ª edição Colóquio Arquitetura dos Territórios Metropolitanos Contemporâneos. (ISCTE-IUL e CIUL).
8	Cardoso, A. (2022). Processo de co-design do Labic Barreiro Velho - *40x4' CoDesign Views*. New European Bauhaus Festival .
9	Cardoso, A. (2022). Metodologia LABIC Barreiro Velho. Congresso Internacional "Direito à cidade – Cidade Laboratório", inserido no programa europeu D@C.
10	Cardoso, A. (2021). Inovação cidadã para a regeneração urbana: em direção a um laboratório de inovação comunitária no Barreiro Velho. 6ª edição Colóquio Arquitetura dos Territórios Metropolitanos Contemporâneos (ISCTE-IUL e CIUL).
11	Cardoso, A. & Graça, A. (2020). Masterclass Codesenhar a Cidade Comum. Summer School'2020 LABTUR Technopolitics in Urban Regeneration: Co-creating Liveable Spaces. Organizado por ISCTE-IUL e Baía do Tejo.
12	Cardoso, A. (2020). Laboratórios Urbanos Experimentais: Metodologias e ferramentas colaborativas no fazer a cidade". Disciplina "FavLab Maré– Laboratórios de fabricação digital de favela" do curso de Arquitetura e Urbanismo da Pontifícia Universidade Católica (PUC). Coordenação da professora Veronica Natividade.
13	Cardoso, A. (2020). O impacto dos laboratórios de co-criação e co-produção nas indústrias criativas. Disciplina de Gestão das Indústrias Criativas, do Mestrado em Comunicação, Cultura e Tecnologias de Informação, ISCTE-IUL, coordenada pelo professor Jorge Barreto Xavier.
14	Cardoso, A. (2020). Cocriar a Cidade Comum. Curso de Especialização em Territórios Colaborativos, organizado pelo ISCTE-IUL, os Arquitetos Sem Fronteiras - Portugal e a Câmara Municipal de Lisboa.
15	Cardoso, A. (2020). LABTUR - Laboratorios experimentales para la co-creación del espacio urbano: hacia una metodología de intervención. IV Congreso ISUF-H FORMA URBIS y territorios metropolitanos Metrópolis en recomposición. Prospectivas proyectuales en el siglo XX.
16	Natividade, V. & Cardoso, A. (2020). FAVLAB II: Digital fabrication in Favela da Maré, Rio de Janeiro. SIGraDi 2020 Transformative Design - XXIV International Conference of the Iberoamerican Society of Digital Graphics.
17	Cardoso, A. & Graça, A. (2019). Masterclass Participatory Toolkits + Civic laboratories. Summer School'2019 LABTUR Technopolitics in Urban Regeneration: Co-creating Public Spaces. Organizado por ISCTE-IUL e Câmara Municipal de Cascais.
18	Cardoso, A. (2018). Metacity: FabLab Talk. Conferência TICYUrb ' 18 - Third International Conference of Young Urban Researchers.

19	Cardoso, A. (2018). Urbanismo DIWO: Novas formas de participação e colaboração na era digital e seu impacto na produção dos espaço público. 3º Encontro Nacional de Investigação em Arquitetura, na Faculdade de Arquitetura de Lisboa.
20	Cardoso, A. (2016). El impacto de los Fab Labs y el acceso a la tecnología en la educación. Seminário Internacional de tecnologia AA, Universidad Nacional de Colombia - Medellín.

• Other Publications
- Master's Dissertation

1	Cardoso, A. (2012). Arquitectura e o espaço agrícola na cidade. Sustentabilidade Participada: Um projecto para o Vale de Carnide.

Awards

Award-winning proposal "Filling the blanks", Tactical Urbanism Now! International Competition 2021 (Golden mention). Proposal included in the LABIC Barreiro Velho project and carried out in collaboration with the Rés do Chão collective (2022)

Professional Associations

House of Participation Association (Since 2023)

EDA- Essays and Dialogues Association (Member of the A-GRUPA group) (Since 2020)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event's organizing committee	Masterclass "O Chão Participado" - Winter School From Place to City: collective construction of habitat	ISCTE-IUL; Câmara Municipal de Lisboa;Universidade de Lisboa - Faculdade de Belas-Artes; Universidade de Lisboa Instituto Superior Técnico	2023
Member of scientific event's organizing committee	Exhibition "A Barreiro of All for Everyone"	ISCTE-IUL	2021
Member of scientific event's organizing committee	Summer School'2020 Technopolitics in Urban Regeneration: Co-creating Liveable Spaces (2nd edition)	ISCTE-IUL	2020
Member of scientific event's organizing committee	International Conference'2020 Technopolitics in Urban Regeneration: Co-creating Liveable Spaces (2nd edition)	ISCTE-IUL	2020
Member of scientific event's organizing committee	Summer School'2019 Technopolitics in Urban Regeneration: Co-creating Public Spaces (1st edition)	ISCTE-IUL; Câmara Municipal de Cascais	2020

Member of scientific event's organizing committee	FAVLAB II: digital fabrication in Favela da Maré, Rio de Janeiro	Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio)	2020
Member of scientific event's organizing committee	Exhibition "TUR´19 co-production laboratory" (Cascais Municipal Library)	ISCTE-IUL; Câmara Municipal de Cascais	2019
Member of free course/summer school's organizing committee	LABTEC – Citizen Technologies Laboratory	Instituto Favela da Paz e Mudalab	2019
Member of scientific event's organizing committee	Exhibition: "TUR´19 co-production laboratory" (São Domingos de Rana Municipal Library)	ISCTE-IUL; Câmara Municipal de Cascais	2019
Member of scientific event committee	International Conference'2019 Technopolitics in Urban Regeneration: Co-creating Public Spaces (1st edition)	ISCTE-IUL	2019
Member of non-scientific event's organizing committee	III The Wrong New Digital Art Biennale, International Biennial of Art and Technology (São Paulo, Brazil)	Garagem Fab Lab	2017 - 2018
Member of scientific event's organizing committee	FabLearn Brasil: Promoting Equity in Education through the Maker Movement	Universidade Stanford (EUA); Universidade de São Paulo	2016

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Talk/Conference in public diffusion event	3rd Labic Novale workshop, Novale Hub - Innovation Center (Jaraguá do Sul, Brazil)	Lecture by invitation. "LABIC Barreiro Velho: Ecosystem enabling a common space"	2024
Talk/Conference in public diffusion event	Co.Cidade Festival - Sê Bairrista Project	Lecture by invitation "Building the city collectively" - conversation circle with the participation of: Adelino Silva, Carolina Cardoso, Helena Roseta, Roberto Falanga.	2023
Talk/Conference in public diffusion event	Course "How to create an Experimentation and Innovation Laboratory in your organization?"	Lecture by invitation. "What are experimentation and innovation laboratories? How do they work? Where can they be done?"	2023
Talk/Conference in public diffusion event	2nd Labic Novale workshop, Novale Hub - Innovation Center (Jaraguá do Sul, Brazil)	Lecture by invitation "LABIC Barreiro Velho methodology"	2022
Talk/Conference in public diffusion event	Circuito Urbano. Organized by the Jaraguá do Sul Innovation Center Association - Novale Hub with the support of UN Habitat	Lecture by invitation. "The role of citizen innovation laboratories in localizing the Sustainable Development Goals"	2022
Talk/Conference in public diffusion event	COLAB Cidade	Lecture by invitation "How to make the city a community innovation laboratory: the case of Labic Barreiro Velho"	2021
Talk/Conference in public diffusion event	IED Open Day, Istituto Europeo Di Design São Paulo-SP (São Paulo, Brazil)	Lecture by invitation. ""Fab Labs, Digital Manufacturing and Maker Culture"	2018

Talk/Conference in public diffusion event	HackPuc - Digital Culture Festival PUC-Pontifical Catholic University of Rio de Janeiro (Rio de Janeiro, Brazil)	Lecture by invitation. "Maker Ecosystem: A case study"	2017
Talk/Conference in public diffusion event	Homeostasis Seminar: Homeostasis @ The Wrong – New Digital Art Biennale. Museum of Image and Sound MIS-SP (São Paulo, Brazil)	Lecture by invitation. "Fab Lab: The New Art Studio and Disruptive Practices"	2017
Talk/Conference in public diffusion event	Maker Movement, Collaborative and Sharing Culture Research and Information Center - SESC São Paulo (São Paulo, Brazil)	Participation in the round table "Maker Movement, Collaborative and Sharing Culture"	2017
Talk/Conference in public diffusion event	Creative New World Conference, Creativity transforming the World Senac University Center of Santo Amaro (São Paulo, Brazil)	Lecture by invitation "New economies: What's in it for me?"	2015
Talk/Conference in public diffusion event	TEDxAEDB Dom Bosco College (Resende, Rio de Janeiro, Brazil)	Lecture by invitation "TEDX Transforming the world collaboratively"	2015

Products

Product Type	Product Title	Detailed Description	Year
Digital Materials or Audiovisual Resources	Collaboration on the short film "ENVISIONING (UN)CERTAIN FUTURES" - Research project "Togetherness" by the Dinamia'cet Research Center	"Togetherness" is a project by Dinamia'cet research center for the New European Bauhaus initiative.. Four municipalities from the Lisbon Metropolitan Area were selected, specifically Amadora, Oeiras, Almada and Barreiro. Questions about habitat, mobility, culture or sustainability were taken to the field with workshops and discussions, using social dreaming methodologies and visual narratives to design future scenarios - ENVISIONING (UN)CERTAIN FUTURES - on a horizon timeline for the next 50 years. In the end, four animated short films were produced and discussed with their co-producers. In the city of Barreiro, the project was partnered with LABIC Barreiro Velho	2022