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Alexandra Paio

Professora Associada

DINÂMIA'CET-Iscte - Centre for Socioeconomic Change and Territorial Studies
Department of Architecture and Urbanism (ISTA)



Contacts

E-mail	alexandra.paio@iscte-iul.pt
Office	D3.02
Telephone	217650359 (Ext: 220809)
Post Box	219-A

Curriculum

Architect (Lusíada, 1993), Master's in Urban Design (Iscte-IUL, 2002), and Ph.D. in Architecture and Urbanism (Iscte-IUL, 2011). Vice-President of the Regional Section of Lisbon and Tagus Valley, Order of Architects (2023-2026). Associate Professor at Iscte - Lisbon University Institute. Coordinator of the Professional Master's Program in Digital Innovation for Design Practices (Iscte/FAUP) (2021 - 2024). Coordinator of the Ph.D. Program in Architecture of Contemporary Metropolitan Territories (2017-2023). Coordinator of CEAAD: Advanced Studies Course in Digital Architecture Iscte-IUL| FAUP (2013 - 2016), Coordinator of the Specialization Course in Collaborative Territories: Processes, Design, Intervention, and Entrepreneurship (2014 - 2023). Scientific Coordinator of the Digital Fabrication Laboratory - Vitruvius Fablab-IUL (2011 - 2022). Vice-Director of the Department of Architecture and Urbanism (2016-2019). Teaches in the area of architectural design in the Integrated Master's in Architecture. Vice-Chare of the Action COST OBSERVISTA - Observatory of Innovative Strategies for Repurposing Terrain Vague (CA24134) (2025-2029). Regional coordinator of the Marie Curie ITN project "RE-DWELL: Delivering affordable and sustainable housing in Europe" (H2020 / Marie Skłodowska-Curie Actions/956082), OIKOnet. A global multidisciplinary network on housing research and learning (539369-LLP-1-ES-ERASMUS-ENW). Researcher in Care(4)Housing. Caring for Housing - An approach to housing precarity in Portugal through design care (PTDC/ART-DAQ/0181/2021), TEL@FTELa Project - Technology Enhanced Learning at Future Teacher Education Lab (PTDC/MHC-CED/0588/2014), and F-ATLAS Franciscan Landscapes: the Observance between Italy, Portugal, and Spain (JPI-CH program). Coordinates and supervises research in the area of digital architecture: computational design, digital tools and processes to support creative design, emerging housing, public space, and participatory processes. Participates and coordinates workshops and ongoing training with the support of Portuguese industry companies and municipalities in the

themes of co-production and participatory processes through digital tools. Special Mention Research and Teaching Forma Award 2022. Regularly writes opinion articles in the national media. Bi-weekly column in Jornal Económico.

Research Interests

Digital Architecture
Computacional Design
Public space and participatory processes
Digital processes and tools to support creativity
Smart Geometry
Transdisciplinary Digital Culture
Humanitarian Action

Academic Qualifications

University/Institution	Type	Degree	Period
RHINO3D Portugal	Other type of qualification	GRASSHPPER - NIVEL I	2012
RHINO3D Portugal	Other type of qualification	VRAY - Nivel I	2012
RHINO3D Portugal	Other type of qualification	RHINO 3D - Nivel I	2012
ISCTE-IUL - Instituto Universitário de Lisboa	PhD	Desenho Urbano	2011
Faculdade de Arquitectura - Universidade Tecnica de Lisboa	Other type of qualification	Workshop: How to use shapes and rules to design, Prof. George Stiny.	2009
ESRI, Portugal	Other type of qualification	Curso de ArcGIS (9.x) nível I e nível II	2008
ISCTE-IUL - Instituto Superior Ciências Trabalho e da Empresa	M.Sc.	Desenho Urbano	2002
Universidade Lusíada	Licenciate	Arquitectura	1993

External Professional Activities

Period	Employer	Country	Description
2023 - 2026	Regional Section of Lisbon and Tagus Valley, Portuguese Architects' Association	Portugal	

Teaching Activities

Teaching Year	Sem.	Course Name	Degree(s)	Coord
2026/2027	1°	Supervision of Work		No
2025/2026	2°	Architecture Project II	Integrated Master Degree in Architecture;	No
2025/2026	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	No
2025/2026	1°	What if? Reimagining education & the campus of the future	Winter course in What if? Reimagining education & the campus of the future;	Yes
2025/2026	1°	Architecture Project I	Integrated Master Degree in Architecture;	No
2024/2025	2°	Research Methods in Innovation and Technology		Yes
2024/2025	2°	Sustainable industrialised housing: the way forward for implementing collaborative housing	Summer course in Sustainable Industrialised Housing: the way forward for implementing collaborative housing;	Yes
2024/2025	2°	Activating the Void: Exploring Transdisciplinarity Strategies for Urban Voids	Summer course in Activating the Void: Exploring Transdisciplinarity Strategies for Urban Voids;	Yes
2024/2025	2°	Architecture Project II	Integrated Master Degree in Architecture;	No
2024/2025	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	No
2024/2025	1°	Architecture Project I	Integrated Master Degree in Architecture;	No
2023/2024	2°	Atelier of Modern Constructions		Yes
2023/2024	2°	From Place to City: Constructing Collectively the Habitat	Specialization Seminar in From Place to City: Constructing Collectively the Habitat;	Yes
2023/2024	1°	Research Methods in Digital Architecture		Yes
2023/2024	1°	Architecture Final Project	Integrated Master Degree in Architecture;	Yes
2023/2024	1°	Digital Production Processes		Yes
2023/2024	1°	Data Processes and Technologies		Yes

2023/2024	1°	Visualisation and Digital Tools		Yes
2023/2024	1°	Atelier of Traditional Constructions		Yes
2022/2023	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		Yes
2022/2023	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories IV		Yes
2022/2023	2°	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	2°	Collaborative Digital Processes		Yes
2022/2023	2°	Research Methods in Innovation and Technology		Yes
2022/2023	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes
2022/2023	2°	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes
2022/2023	2°	Work Project in Digital Innovation for Design Practices		Yes
2022/2023	2°	Architecture VI	Integrated Master Degree in Architecture;	Yes
2022/2023	1°	Contemporary Metropolitan Culture		Yes
2022/2023	1°	Research Methods in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	1°	Research Project in Architecture of Contemporary Metropolitan Territories		Yes

2022/2023	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		Yes
2022/2023	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories III		Yes
2022/2023	1°	Trandisciplinary Digital Culture		Yes
2022/2023	1°	Research Methods in Digital Architecture		Yes
2022/2023	1°	Humanitarian Urbanism and Collaborative Processes		Yes
2022/2023	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	1°	Research Project in Architecture of Contemporary Metropolitan Territories		Yes
2022/2023	1°	Housing and Urban Commons: Building with Care		Yes
2022/2023	1°	Architecture V	Integrated Master Degree in Architecture;	Yes
2021/2022	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		Yes
2021/2022	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories IV		Yes
2021/2022	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2021/2022	2°	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes

2021/2022	2°	Architecture VI	Integrated Master Degree in Architecture;	Yes
2021/2022	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2021/2022	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		Yes
2021/2022	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories III		Yes
2021/2022	1°	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2021/2022	1°	Humanitarian Urbanism and Collaborative Processes		Yes
2021/2022	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2021/2022	1°	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes
2021/2022	1°	Architecture V	Integrated Master Degree in Architecture;	No
2020/2021	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		Yes
2020/2021	2°	Humanitarian Urbanism and Collaborative Processes		Yes
2020/2021	2°	Technopolitics in Urban Regeneration.Co-Creating Public Spaces	Specialization Seminar in Technopolitics in Urban Regeneration.Co-creating Public Spaces;	Yes
2020/2021	2°	Architecture Final Project	Integrated Master Degree in Architecture;	No
2020/2021	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes
2020/2021	2°	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes

2020/2021	1°	Urbanization' Contexts and Morphology		Yes
2020/2021	1°	Collaborative and Participatory Processes in Local Development		Yes
2020/2021	1°	Habitability		Yes
2020/2021	1°	Applied Digital Fabrication Processes		Yes
2020/2021	1°	Social Entrepreneurship and Innovation		Yes
2020/2021	1°	Intervention Laboratory: Collaborative Territories		Yes
2020/2021	1°	Architecture Final Project	Integrated Master Degree in Architecture;	No
2020/2021	1°	Research Project in Architecture of Contemporary Metropolitan Territories	Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories;	Yes
2019/2020	2°	Computacional Creativity		No
2019/2020	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		Yes
2019/2020	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories IV		Yes
2019/2020	2°	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2019/2020	2°	Architecture VI	Integrated Master Degree in Architecture;	No
2019/2020	1°	Research Project in Architecture of Contemporary Metropolitan Territories		No
2019/2020	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		Yes
2019/2020	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories III		Yes
2019/2020	1°	Trandisciplinary Digital Culture		Yes

2019/2020	1º	Humanitarian Urbanism and Collaborative Processes		Yes
2019/2020	1º	Architecture V	Integrated Master Degree in Architecture;	Yes
2018/2019	2º	Computacional Creativity		No
2018/2019	2º	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		Yes
2018/2019	2º	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2018/2019	2º	Technopolitics in Urban Regeneration.Co-Creating Public Spaces		Yes
2018/2019	2º	Architecture VI	Integrated Master Degree in Architecture;	Yes
2018/2019	1º	Trandisciplinary Digital Culture		Yes
2018/2019	1º	The Place of the City: Mouraria - Observe, Evaluate, Act - A Participatory Project - 2018/2019 Edition		Yes
2018/2019	1º	Architecture V	Integrated Master Degree in Architecture;	No
2017/2018	2º	Computacional Creativity		No
2017/2018	2º	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		No
2017/2018	2º	Applied Digital Fabrication Processes		Yes
2017/2018	2º	Intervention Laboratory: Collaborative Territories		Yes
2017/2018	2º	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2017/2018	2º	Sussustainable Design: Open Spaces in Lisbon		Yes
2017/2018	2º	Architecture VI	Integrated Master Degree in Architecture;	Yes

2017/2018	1°	Research Project in Architecture of Contemporary Metropolitan Territories		Yes
2017/2018	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		Yes
2017/2018	1°	Trandisciplinary Digital Culture		Yes
2017/2018	1°	Architecture V	Integrated Master Degree in Architecture;	No
2016/2017	2°	Computacional Creativity		No
2016/2017	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		No
2016/2017	2°	Research Seminar in Architecture of Contemporary Metropolitan Territories		Yes
2016/2017	2°	Collaborative Digital Processes		Yes
2016/2017	2°	Architecture VI	Integrated Master Degree in Architecture;	No
2016/2017	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		Yes
2016/2017	1°	Trandisciplinary Digital Culture		Yes
2016/2017	1°	Composition and Representation Grammars I		Yes
2015/2016	2°	Computacional Creativity		No
2015/2016	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories II		No
2015/2016	2°	Phd Thesis in Architecture of Contemporary Metropolitan Territories IV		No
2015/2016	2°	Applied Digital Fabrication Processes	Specialization Seminar in Applied digital fabrication processes;	Yes
2015/2016	2°	Intervention Laboratory: Collaborative Territories		Yes

2015/2016	2°	Sitrep.at Lisbon: the Urbanity of Civic Forums		Yes
2015/2016	2°	Surfaces In-Play	Specialization Seminar in Surfaces In-Play;	Yes
2015/2016	2°	Architecture VI	Integrated Master Degree in Architecture;	No
2015/2016	1°	Composition and Representation Grammars I		Yes
2014/2015	2°	Computacional Creativity		No
2014/2015	2°	Workshop: Digital Production		Yes
2014/2015	2°	Research Studio: Digital Architecture		Yes
2014/2015	2°	Digital Design Methods: Performative Analysis		Yes
2014/2015	2°	Digital Design Methods: Shape Grammar		Yes
2014/2015	2°	Applied Digital Fabrication Processes		Yes
2014/2015	2°	Intervention Laboratory: Collaborative Territories		Yes
2014/2015	2°	Architecture VI	Integrated Master Degree in Architecture;	No
2014/2015	1°	Research Methods in Digital Architecture		Yes
2014/2015	1°	Workshop: Digital Tools		Yes
2014/2015	1°	Parametric and Algorithmic Design		Yes
2014/2015	1°	Digital Fabrication		Yes
2014/2015	1°	Geometry and Spatial Systems		Yes
2014/2015	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories I		No
2014/2015	1°	Composition and Representation Grammars I		Yes
2013/2014	2°	Computacional Creativity		No
2013/2014	2°	Contemporary Living Patterns in Mass Housing in Europe		Yes

2013/2014	2°	Architecture VI	Integrated Master Degree in Architecture;	No
2013/2014	2°	Architecture Final Project		No
2013/2014	1°	Research Project in Architecture of Contemporary Metropolitan Territories		No
2013/2014	1°	Dissertation in Architecture of Contemporary Metropolitan Territories ? Track Architecture		No
2013/2014	1°	Phd Thesis in Architecture of Contemporary Metropolitan Territories		No
2013/2014	1°	Architecture V	Integrated Master Degree in Architecture;	No
2013/2014	1°	Architecture Final Project		No

Supervisions

• Post-doc Supervisions

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Ritika Batra	SOLVE-H Mapping social value of participation in collaborative housing: From a knowledge-based to evidence-based perspective (Horizon - TMA - MSCA - PF- GF 101111515)	English	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Mayara Dias de Souza	Brazil and Portugal: dialogues on teaching in architecture and urbanism	Portuguese	Iscte	2024

• Ph.D. Thesis

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
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1	Henrique Soeiro de Sousa Andrade	Abordagens criativas e colaboração como ferramenta operativa de projeto e metodologia de investigação arquitetónica: o desenho como prática para a cidade, na cidade e da cidade	Portuguese	Developing	Iscte
2	Lorenzo Stefano Iannizzotto	The Cartography of the in-between: Rethinking Urban Voids Approach for New Urban Challenges	English	Developing	Iscte
3	Carolina Martin Peñuela	Mass customisation of the domestic space through affordable and sustainable modular construction	English	Developing	Iscte
4	Isabella Noronha Rusconi	Participação e institucionalização: metodologias e inovações democráticas na produção de cidades	Portuguese	Developing	Iscte
5	Androniki Pappa	Urban Commons for sustainable local development in priority neighbourhoods	English	Developing	Iscte
6	Lia Andreia Cristóvão Ferreira	Cidades com futuro: Acessibilidade Universal como indicador de inclusão, prosperidade, sustentabilidade e coesão socio-territorial.	Portuguese	Developing	Iscte
7	Daniela Moreira da Silva	O impacto da fabricação digital como metodologia no contexto da prática de projeto	Portuguese	Delivered	Iscte
8	Laura Pomesano	Cartografias da indústria demitida nos contextos metropolitano de Lisboa e São Paulo: a influência da arte performativa na definição de políticas públicas de regeneração urbana.	Portuguese	Developing	Iscte
9	Ana Carolina Salvador Taveira Cardoso	Cidade como laboratório vivo de inovação cidadã - um contributo metodológico para as práticas colaborativas de cocriação local do espaço urbano	Portuguese	Delivered	Iscte
10	Raquel Maria Gameiro Lopes	"Architecture Interplay: Emergent Spaces in Transdisciplinary Design Practices".	English	Developing	Iscte
11	Laura Sobral Rodrigues	"Mobility of urban public policies of co-production and co-governance: a study of the circulation of knowledge in the BIP/ZIP case".	English	Developing	Iscte

12	Megg Francisca Sousa	"Pattern-driven design: contributos para um processo de desenho participativo de pequenos espaços públicos na cidade".	English	Developing	Iscte
13	Mina Ghorbanbakhsh	From a toy to tool. Gamification in Design for upgrading the informal neighborhood (Open Public Space) in Maputo, Mozambique	English	Developing	Iscte
14	Sonja Dragovic	Reshaping Urban Governance from below: The influence of socially engaged architectural practices on urban development policies in the European Periphery - comparing Portuguese and Croatian Experience	English	Developing	Iscte
15	Moises Passinhas Rosa	Design de transição: o papel do localismo cosmopolita como construtor de comum e desenhador resiliente da cidade do Barreiro	Portuguese	Developing	Iscte
16	Inês Costa Santos de Sousa Nascimento	Ensinar Arquitetura Hoje: Imaginação Utópica e Pedagogias Radicais na (Trans)Formação do Arquiteto em Portugal	Portuguese	Developing	Iscte
17	João Ventura Salvador Lopes	Emergência e Composição. Estratégias naturais de compromisso entre lugar e contexto no projecto urbano paramétrico. (Bolsa Individual de Doutoramento FCT referência SFRH/BD/95148/2013)	English	Developing	Iscte
18	Elian Stefa	Critical Curating as Spatial Catalyst: Combining Cultural Planning, Adaptive Reuse, and Collaborative Frameworks as a Development Strategy of Care	English	Developing	Iscte
19	João Manuel Fontes Viana Boavida	Intelligent green parks: towards the improvement of liveability and healthy placemaking	English	Developing	Iscte
20	Carlos Pedro Rocha Diogo Pereira Sant'Ana	MICRO-FÁBRICAS: o papel dos espaços de fabricação urbana e dos processos de fabricação digital para um novo modelo de produção	Portuguese	Developing	Iscte
21	Inês Filipa das Neves Galvão	Estratégias de Caminhabilidade para a Regeneração das Periferias Urbanas	Portuguese	Developing	Iscte

22	Beatriz Vieira de Oliveira	Rethinking Resilience in New Housing Construction: Toward Adaptive, Layered, and Economically Inclusive Responsive Architecture	English	Developing	Iscte
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- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Ana Catarina Serafim de Sousa Graça	Micropráticas para (re)qualificar o espaço público das AUGI: o jogo e a criança como protagonistas da (transform)ação	Portuguese	Iscte	2024
2	Filipe Jorge da Silva Brandão	Open reWall: Survey-to-Production Work flow for Building Renovation.	English	Iscte	2023
3	Ana Carolina Carvalho Farias	"Coprodução de interfaces tecnopolíticas: hacking cívico para o desenvolvimento local em Lisboa"	Portuguese	Iscte	2022
4	Filipa Peres Frangolho Crespo Osório	Origami surfaces for kinetic architecture	Portuguese	Iscte	2020
5	Joana Maria Oliveira Tching de Abreu Andrade	IM-SGI an interface model for shape grammar implementations	--	Iscte	2019

• M.Sc. Dissertations

- Ongoing

	Student Name	Title/Topic	Language	Status	Institution
1	Óscar Reinoso Estevéz	.	Portuguese	Developing	Iscte
2	Daniela Pimenta Pugsley dos Reis	Redesigning Humanitarian Systems with Human-Centered Design: Civil Registration as a Gateway to Localised and Equitable Service Delivery	--	Developing	Iscte

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Maria do Carmo de Sousa de Macedo Malta Romeiras	The role of artistic expression in Humanitarian Action	Portuguese	Iscte	2024
2	Maria Pinto Dias	Urban Networks: The Intersection between Humanitarian and Community Intervention in Safeguarding the Right to Decent Housing	Portuguese	Iscte	2024

3	Mário Daniel da Graça e Silva	Community-based policies and gentrification: the BIP/ZIP Program in Mouraria	Portuguese	Iscte	2024
4	Sofia Carril Vilalva	--	Portuguese	ISA - Instituto Superior de Agronomia, Arquitetura Paisagista	2019
5	Ana Carolina Carvalho Farias	--	Portuguese	UNIVERSIDADE FEDERAL DE GOIÁS. FACULDADE DE ARTES VISUAIS PROGRAMA DE PÓS-GRADUAÇÃO PROJETO É CIDADE	2018
6	Ricardo Filipe Mendes Correia José	Mudança Digital no Desenho Arquitetural	Portuguese	Universidade de Lisboa	2017
7	Camilla Pezzica	DESIGN OF PUBLIC OPEN SPACES. From digital analysis to urban design: development project of Largo da Graça.	English	Università degli Studi di Pisa	2016
8	Ana carolina Salvador Taveira Cardoso	Arquitetura e o Espaço Agrícola na Paisagem Urbana. Sustentabilidade Participada: Um projecto para o Bairro Padre Cruz	Portuguese	Universidade de Lisboa	2012

• M.Sc. Final Projects

- Concluded

	Student Name	Title/Topic	Language	Institution	Concluding Year
1	Maíra Alexandra Figueiredo do Rosário	Sensory Spaces: When the architecture involves all the senses in the urban experience	Portuguese	Iscte	2024
2	Eliana Raquel Correia Pâmpano	Urban Challenges in Galinheiras: (Re)Imagining the Via Estruturante through Community Participation in Urban Regeneration	Portuguese	Iscte	2024
3	Paulo Jorge Ilhéu Saiote	Building Place on the North-South Axis: Paths of Cognition in the Urban Regeneration of Ameixoeira and Galinheiras	Portuguese	Iscte	2024
4	Bárbara Germano Garcia	For and with Children: (Re)Imagining public space to transform the Galinheiras Neighborhood	Portuguese	Iscte	2024
5	Vera Lúcia Salvador Ferreira	Recreate Torrinha - Customized urban regeneration proposal	Portuguese	Iscte	2024
6	Renata Filipa Furtado Pereira	Beyond Walls: Promoting Equity and Full Participation in Urban Life in PER Ameixoeira	Portuguese	Iscte	2024

7	Igor Silvino Vieira Furtado	Community Path: Regeneration of Public Space in Galinheiras. One Urban Connection and Transformation Project	--	Iscte	2024
8	Wagner Ulisses Medina Moniz	Dignified Housing for All: Integrated Strategies for Urban Regeneration of the Vilas das Galinheiras	Portuguese	Iscte	2024
9	Ilesiane Martins Cabral Garcia	Green Building: Promoting Energy Efficiency in Per Ameixoeira	Portuguese	Iscte	2024
10	Barbara Alves Pinto Bravo	Public Spaces for Democratization and the Right to the City in Barreiro: Co-production and Co-governance from the Various Actors at Braamcamp.	Portuguese	Iscte	2021
11	Carina Isabel Guimarães Ferreira	Culture and Memory in a Post-Industrial Occupation in the City of Barreiro: a Linguistic Tendency.	Portuguese	Iscte	2021
12	Lara Filipe André Fernandes	Barreiro Velho: Daily Life and the Dynamics of the Neighborhood.	Portuguese	Iscte	2021
13	Ana Sofia Moura Martins	A new Way of Living in Barreiro Velho. The Role of Manufacturing in Modular Solutions.	Portuguese	Iscte	2021
14	Inês Maria Bernardino dos Santos Bispo	A Neighborhood for All: Inclusive Housing and Social Sustainability.	Portuguese	Iscte	2021
15	Bernardo Miguel Levezinho Gutiérrez	Waterfronts And Its Memories: Barreiro, The City Sidelined By The River.	Portuguese	Iscte	2021
16	João André Lopes Fernandes	Videogame Urbanism: Technology and Imagination in Urban Regeneration of Public Space in Barreiro.	Portuguese	Iscte	2021
17	Ana Carolina Brunhoso dos Santos	Evolution of Spatial Mutability and Experience on the Barreiro Riverside Line.	Portuguese	Iscte	2021
18	Elisabete Cruz da Silva Moura Lopes Barreiros Ferreira	Doughnut economics in Metamorphosis of a Railway Place: Regenerative Code Design in the Narrative of the Art and Crafts Center in Barreiro.	Portuguese	Iscte	2021
19	Rita Albuquerque Faria	Barreiro in Community, a Proposal for Urban Regeneration through Circular Economy.	Portuguese	Iscte	2021
20	Duarte Manuel Onofre Reis	The City as a Space of Mediation: Barreiro Reconnected.	Portuguese	Iscte	2021

21	Eliézer Renato Cunha de Carvalho	Dormitory Cities: Perceptions, Problems and Solutions. A Study of the City of Barreiro: the Dormitory-City that does not want to Sleep.	Portuguese	Iscte	2021
22	Sara Tinoco Guerreiro	Material and Immaterial Cartographies - The Case of Marvila	Portuguese	Iscte	2019
23	Cheila Cordeiro Arruda	Houston, we have a problem. How to Design for Mars?	English	Iscte	2019
24	Ana Sofia Pereira Mendes Simões	The Use of Toolkits in Participative Architecture	Portuguese	Iscte	2018
25	Rita Xandra Borges Morais Mansinho	Mouraria Age-friendly . Intergenerational Relationships and Ecodevelopment	Portuguese	Iscte	2018
26	Diana Borges Gabão	Construir Cidade: Explorar as Técnicas de JAN GEHL na Apropriação do Espaço Público no Carregado	Portuguese	Iscte	2017
27	Sofia Pimentel Sebastião	Processos Participativos BIP/ZIP - Estratégia ou Modelo de Desenvolvimento Local?	Portuguese	Iscte	2017
28	Catarina Isabel Carvalho Mateus	Arquitetura e a Arte. Reflexão Crítica acerca da sua Relação Híbrida	Portuguese	Iscte	2017
29	Joana Marisa Castro Alves	A Cidade Parasita	Portuguese	Iscte	2017
30	Tomás Jonas Rodrigues Amaral	Sociedade inclusiva, arquitetura, acessibilidade e os novos idosos	Portuguese	Iscte	2016
31	Tiago Filipe Pinheiro Batista	A MÚSICA DA ARQUITETURA: GRAMÁTICAS DE CONCEPÇÃO	Portuguese	Iscte	2016
32	Nichollas Lopes e Cruz	Da Produção à Customização em Massa - Parametriação e desenvolvimento do sistema construtivo Wikihouse	Portuguese	Iscte	2016
33	Ana Rita Camilo Graça	O Contributo do Arquitecto na Criação de Festivais de Música	Portuguese	Iscte	2016
34	Raquel Sales Martins	O Aspeto Social da Fabricação Digital	Portuguese	Iscte	2015
35	Ana Isabel Ferreira Lopes	Urbanismo Emergente, Desenho e Planeamento em Situações Pós-Catástrofe	Portuguese	Iscte	2015
36	Cristina Alves de Campos Romão	O Papel do Arquitecto em Processos Participativos	Portuguese	Iscte	2015
37	Ana Carolina Faria Pereira	Arquitetura para a Cultura e Vivenda Social em Santa Fé	Portuguese	Iscte	2014
38	Susana Aires Fonseca Neves	Processos Arquitectónicos	Portuguese	Iscte	2014

Total Citations

Web of Science®	83
Scopus	88

Publications

• Scientific Journals

- Scientific journal paper

1	Rusconi, I., Nogueira, F., Paio, A. & Mota, J. C. (N/A). Designing democratic innovations: A methodological framework for participation in urban planning and governance. Archnet-IJAR International Journal of Architectural Research. N/A - Times Cited Google Scholar: 1
2	Iannizzotto, L. S. & Paio, A. (2025). Rethinking the in-between: Designing with a socio-ecological approach to activate the potential of Terrain Vague spaces. plaNext-Next Generation Planning. 15, 106-131
3	Iannizzotto, L., Paio, A. & Perrone, C. (2024). From terrain vague to vague farm: Cultivating urban vacant land through practices of commoning. Contesti. Città, Territori, Progetti. 2024 (1), 146-169 - Times Cited Web of Science®: 1 - Times Cited Google Scholar: 2
4	Osório, F. C., Paio, A. & Oliveira, S. M. (2023). A kinetic origami surfaces methodology. Architectural Science Review. 67 (1), 23-46 - Times Cited Web of Science®: 1 - Times Cited Scopus: 1 - Times Cited Google Scholar: 2
5	Cardoso, A. & Paio, A. (2021). LABTUR: una contribución metodológica a las prácticas de co-creación del espacio público. ACE: Architecture, City and Environment. 16 (46) - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 7
6	Paio, A. (2021). Desafios digitais na educação do século XXI. A fabricação digital como recurso didático. Boletim da Aproped. 35, 15-25 - Times Cited Google Scholar: 2
7	Farias, A. C. C., Paio, A. & Falanga, R. (2021). Tecropolíticas da participação – uma abordagem genealógica. Arqitetura revista. 17 (2), 258-276 - Times Cited Google Scholar: 1
8	Farias, A. C. & Paio, A. (2020). Tecropolíticas em Lisboa: redes híbridas como base de criação de um observatório BIP/ZIP. Gestão e Tecnologia de Projetos. 15 (3), 97-111 - Times Cited Google Scholar: 1
9	Brandão, F., Paio, A. & Lopes, A. (2020). Triangulation algorithms for generating as-Is floor plans. Nexus Network Journal. 22 (3), 683-700 - Times Cited Scopus: 1 - Times Cited Google Scholar: 1

10	<p>Tching, J., Reis, J. & Paio, A. (2019). IM-sgi – an Interface Model for Shape Grammar Implementations. <i>Artificial Intelligence for Engineering Design, Analysis and Manufacturing</i>. 33 (1), 24-39</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 3 - Times Cited Scopus: 5 - Times Cited Google Scholar: 9
11	<p>Osório, F. C., Paio, A. & Oliveira, S. (2018). Origami tessellations: folding algorithms from local to global. <i>Boletim da Aproved</i>. 34</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 2
12	<p>Paio, A., Osório, F. C., Oliveira, S. M., Valenti, Graziano Mario & Guimarães, N. (2018). Architecture In-Play, future challenges. <i>Nexus Network Journal</i>. 20 (1), 15-30</p>
13	<p>Brandão, F. J. S., Correia, R. M. & Paio, A. (2018). Measuring Urban Renewal: a dual Kernel Density Estimation to assess the intensity of building renovation - case study in Lisbon. <i>Urban Science</i>. 2 (3)</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 19
14	<p>Pezzica, C., Lopes, J. V. & Paio, A. C. R. (2017). Informed design decision-making: from digital analysis to urban design. A contemporary approach for the redevelopment of public open spaces. <i>Gestão e Tecnologia de Projetos</i>. 12 (3), 9-26</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 5
15	<p>Tching, J., Reis, J. & Paio, A. (2017). Shape grammars for creative decisions in the architectural project. <i>Computer Science and Information Technology</i>. 5 (2), 84-89</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 16
16	<p>Andrade, J, Reis, J. & Paio, A. (2016). A cognitive walkthrough towards an interface model for shape grammar implementations. <i>Computer Science and Information Technology</i>. 4 (3), 92-119</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 3 - Times Cited Google Scholar: 13
17	<p>Brandão, F., Paio, A., Sousa, J. P. & Rato, V. (2016). Cork re-Wall: computational methods of automatic generation and digital fabrication of cork partition walls for building renovation. <i>Gestão e Tecnologia de Projetos</i>. 11 (2), 9-23</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 6
18	<p>Nascimento, S., Pólvora, A., Paio, A., Oliveira, S., Rato, V., Oliveira, M. J....Sousa, J. P. (2016). Sustainable technologies and transdisciplinary futures: from collaborative design to digital fabrication. <i>Science as Culture</i>. 25 (4), 520-537</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 5 - Times Cited Scopus: 8 - Times Cited Google Scholar: 13
19	<p>Paio, A., Eloy, S., Rato, V., Ricardo, R. & Oliveira, M.J. (2012). Prototyping Vitruvius, new challenges: digital education, research and practice. <i>Nexus Network Journal</i>. 14 (3), 409-429</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 17 - Times Cited Scopus: 18 - Times Cited Google Scholar: 45
20	<p>Paio, A. & Turkienicz, B. (2011). An urban grammar study: a geometric method for generating planimetric proportional and symmetrical systems. <i>Nexus Network Journal</i>. 13 (1), 151-169</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 9 - Times Cited Scopus: 6 - Times Cited Google Scholar: 11

21	<p>Paio, A. (2009). Geometry, the Measure of the World. Nexus Network Journal. 11 (1), 63-76</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 3 - Times Cited Scopus: 3 - Times Cited Google Scholar: 6
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- Editorial

1	<p>Paio, A. (2025). Arquitetura - construindo um futuro coletivo. INTERSECÇÕES.Revista da Secção Regional de Lisboa e Vale do Tejo . 2, 4-5</p>
2	<p>Paio, A. (2017). Architecture In-Play: digitally-driven kinetic origami architecture. Nexus Network Journal. 20 (1), 1-4</p>

• Books and Book Chapters

- Book editor

1	<p>Xavier, J.B. & Paio, A. (2021). O LUGAR DA CIDADE. Lisboa. Instituto Universitario de Lisboa (ISCTE-IUL).</p>
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- Book chapter

1	<p>Brandão, Filipe J.S., Correia, Ricardo Mendes & Paio, A. (2022). Measuring Urban Renewal: A Dual Kernel Density Estimation to Assess the Intensity of Building Renovation. In Ruivo, Catarina and Leite Viana, David and Morais, Franklim and Vieira Vaz, Jorge (Ed.), Formal Methods in Architecture and Urbanism, Volume 2. (pp. 25-38). Newcastle upon Tyne: Cambridge Scholars Publishing.</p> <ul style="list-style-type: none"> - Times Cited Google Scholar: 2
2	<p>Paio, A. (2020). urbanGENE: uma gramática do urbano de origem Portuguesa. In Vítor Oliveira (Ed.), Diferentes abordagens em morfologia urbana: contributos luso brasileiros. (pp. 121-148). Porto: URBAN FORMS.</p>
3	<p>Farias, A. C. C., Pedro Dultra Britto & Paio, A. (2019). Direito à Cidade: entre processos de exigência e institucionalização. In Diálogos Urbanos - Sobre projetos e cidades. (pp. 177-201). Goiânia: Gráfica UFG.</p>
4	<p>Guterres, A., Paio, A., Jara, A. & Correia, L. (2019). Laboratório cívico: laboratório espaço físico. In Jorge Barreto Xavier, Alexandra Paio (Ed.), O lugar da cidade. (pp. 158-169). Lisboa: Iscte - Instituto Universitario de Lisboa.</p>
5	<p>Paio, A., Pereira, S.M., Guterres, A. & Rato, V. (2017). Lisbon workshop: Contemporary living patterns in mass housing in Europe. In Leandro Madrazo (Ed.), Global dwelling: Intertwining research, community participation and pedagogy. (pp. 321-333). Barcelona : School of Architecture La Salle, Ramon Llull University.</p>
6	<p>Paio, A. (2016). Morfogénese. In Frederico Braidá, Fernando Lima, Juliane Fonseca, Vinicius Morais (Ed.), 01 Conceitos de Arquitetura e Urbanismo na Era Digital. (pp. 141-142). Brasil: Probooks.</p>
7	<p>Paio, A. (2016). Gramática da Forma . In Frederico Braidá, Fernando Lima, Juliane Fonseca, Vinicius Morais (Ed.), 01 Conceitos de Arquitetura e Urbanismo na Era Digital. (pp. .-115). São Paulo: ProBooks.</p>
8	<p>Paio, A. (2016). Técnicas Formativas . In Frederico Braidá, Fernando Lima, Juliane Fonseca, Vinicius Morais (Ed.), 101 Conceitos de Arquitectura e Urbanismo na era digital . (pp. 197-198). São Paulo: Probooks.</p>

9	Paio, A., Pereira, S.M., Rato, V., Pinto, T.C., Oliveira, S., António Guterres...Leandro Madrazo (2015). Plataforma pedagógica colaborativa - "Lisbon workshop: Contemporary Living Patterns in Mass Housing in Europe". In Neuza Pedro (Ed.), E-Learning e Tecnologias Digitais - Experiências de Inovação Pedagógica no Ensino Superior. (pp. 86-91). Lisboa: Instituto de Educação da Universidade de Lisboa.
10	Paio, A. (2014). Contemporary living patterns in mass housing in Europe. In Pedro CamposCosta e Alessia Allegri (Ed.), HOMELAND. News from Portugal . (pp. 522-522). Lisboa : NOTE.

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Iannizzotto, L., Paio, A. & Perrone, C. (2025). Spazi scartati da logiche produttive ma pregiati per le comunità locali: ripensare i Terrain Vague come Urban Commons. In Formato E., Attademo A. (a cura di, 2025) Cantieri, (Ed.), Atti della XXVI Conferenza Nazionale SIU Nuove ecologie territoriali. Coabitare mondi che cambiano Napoli, 12-14 giugno 2024, vol. 01.: Planum Publisher e Società Italiana degli Urbanisti, Roma-Milano.
2	Iannizzotto, L. & Paio, A. (2025). A forma do vazio: Repensar o potencial dos terrain vague para a criação de espaços públicos alternativos. In PNUM Morfologia Urbana: Planeamento, Recuperação e Resiliência: Atas de Artigos.
3	Genin, S., Volzone, R., Paio, A. & Brandão, F. J. S. (2024). Documentation as a tool for analysis and dissemination of the cultural heritage: The case of the Franciscan observance in Portugal, Italy and Spain. In Stefano Bertocci, Federico Cioli (Ed.), Proceedings of the F-ATLAS Conference. (pp. 475-484): didapress.
4	Rusconi, I., Nogueira, F., Paio, A. & Mota, J. C. (2024). Democratic innovations in urban governance: A comparative analysis of participatory practices in three mediterranean cities. In Marco Cremaschi (Ed.), AESOP Annual Congress: Game changer? planning for just and sustainable urban regions: Book of abstracts. (pp. 303-303). Paris: AESOP. - Times Cited Google Scholar: 1
5	Pappa, A. & Paio, A. (2024). Commoning (in) the neighborhood, righting the city: The role of participatory budgeting in enacting the right to the city through commoning in Lisbon. In Gonçalo Canto Moniz, Béatrice Bechet, José Miguel Lameiras, Marco Aciri, Nathalie Nunes, Isabel Ferreira, Milena Tasheva-Petrova, Ingrid Andersson, Beatriz Caitana, Guido Ferilli (Ed.), Proceedings of the International Conference on Nature for Innovative and Inclusive Urban Regeneration (NATiURB 2022). (pp. 157-170). Milan: Atlantis Press.
6	Ferreira, L. & Paio, A. (2024). Inclusion centered on the body-space perspective: Preliminary results of the mapping and definition of indicators for new urban policies. In Gonçalo Canto Moniz, Béatrice Bechet, José Miguel Lameiras, Marco Aciri, Nathalie Nunes, Isabel Ferreira, Milena Tasheva-Petrova, Ingrid Andersson, Beatriz Caitana, Guido Ferilli (Ed.), Proceedings of the International Conference on Nature for Innovative and Inclusive Urban Regeneration (NATiURB 2022). (pp. 81-104): Atlantis Press.
7	Silva, D. & Paio, A. (2024). Digital transformation in Portuguese architecture studios: Insights from the field. In Pablo C. Herrera, Paula Gómez, Alberto T. Estévez, David A. Torreblanca-Díaz (Ed.), SIGraDi 2024 Proceedings Book. (pp. 1187-1198).
8	Ferreira, L. & Paio, A. (2023). Inclusion: mapping indicators, contributions to the definition of new urban policies. In Gonçalo Canto Moniz, Isabel Ferreira, Beatriz Caitana, Nathalie Nunes, João Rui Pereira (Ed.), Nature for Inclusive and Innovative Urban Regeneration International Conference: Book of Abstracts. (pp. 33-34). Milan: Centre for Social Studies, University of Coimbra.

9	Silva, D. & Paio, A. (2023). Framing digital fabrication in the architectural research practice through a taxonomy. In Proceedings of the XXVII Conference of the Iberoamerican Society of Digital Graphics (SIGraDi 2023). (pp. 103-112).
10	Pappa, A. & Paio, A. (2023). Local partnerships and urban governance: The case of Lisbon. In Diaconu, A. (Ed.), RE-DWELL Conference "Housing co-creation for tomorrow's cities". Conference Proceedings. (pp. 58-61). Grenoble : Université Grenoble Alpes.
11	Nascimento, I. & Paio, A. (2023). Proximity between radical pedagogies and utopian imagination: A paradigm shift in architectural education. In Manuel Blanco Lage, Oya Atalay Franck, Nicolas Marine, Manuel Rodrigo de la O Cabrera (Ed.), Towards a New European Bauhaus: Challenges in Design Education, EAAE AC 2022. (pp. 93-101). Madrid: Springer.
12	Silva, D. & Paio, A. (2023). Framing digital fabrication in the architectural research practice through a taxonomy. In Fernando García Amen, Ángel Armagno Gentile, Ana Laura Goñi Fitipaldo (Ed.), Proceedings of the XXVII Conference of the Iberoamerican Society of Digital Graphics (SIGraDi 2023). (pp. 103-112). Punta del Este: Facultad de Arquitectura Diseño y Urbanismo (UdelaR).
13	Silva, D. & Paio, A. (2023). Investigating the impact of digital fabrication on architecture design practice through a taxonomy. In Molestina, D. de S., Galluzzo, L., Rizzo, F., and Spallazzo, D. (Ed.), Proceedings of IASDR 2023: Life-changing design. Milão, Itália: Design Research Society.
14	Iannizzotto, L. S. & Paio, A. (2023). Definir o vazio: Definição de diferentes conceitos relacionados com vazios urbanos ou urban voids ou terrenos vagos com base na literatura académica existente. In Oliveira, A., Gonçalves, M. E., Volzone, R., and Bento, N. (Ed.), 7ª Edição do Workshop Dinâmicas Socioeconómicas e Territoriais Contemporâneas: Rumos da Investigação num Mundo em Transformação. Livro de Resumos. (pp. 24-25). Lisboa: DINAMIA'CET.
15	Pintassilgo, S., Monteiro, J., Paio, A., Fonseca, S., Fonseca, S., Sebastião, P....Pedro, N. (2023). Active and collaborative learning environments in higher education: A participatory construction process at Iscte-University Institute of Lisbon. In Gómez Chova, L., González Martínez, C., and Lees, J. (Ed.), EDULEARN23 Proceedings. (pp. 7017-7026). Palma, Spain: IATED Academy.
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17	Iannizzotto, L. & Paio, A. (2022). From problem to opportunity: Revalue terrain vague for sustainable development of cities. In Francesco Domenico Moccia, Marichela Sepe (Ed.), XIII Giornata internazionale di studi INU. (pp. 269-271). Napoles: INU Edizione. - Times Cited Google Scholar: 1
18	Rosa, M. & Paio, A. (2022). Design de transição: O papel do localismo cosmopolita como construtor do comum e desenhador resiliente da cidade. In AESOP Annual Congress 2022: Book of proceedings. Narva
19	Ferreira, L. C. & Paio, A. C. (2022). Inclusion: Mapping indicators, contributions to the definition of new urban policies. In Moniz, G. C., Ferreira, I., Caitana, B., Nunes, N., and Pereira, J. R. (Ed.), Nature for Inclusive and Innovative Urban Regeneration International Conference: Book of Abstracts . (pp. 33-34). Milan: Centre for Social Studies, University of Coimbra.
20	Pappa, A. & Paio, A. (2022). Commoning (in) the neighbourhood, righting the city. In Moniz, G. C., Ferreira, I., Caitana, B., Nunes, N., and Pereira, J. R. (Ed.), Nature for Inclusive and Innovative Urban Regeneration International Conference: Book of Abstracts. (pp. 61). Milan: Centre for Social Studies, University of Coimbra.

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22	<p>Sousa, M. & Paio, A. (2022). A new approach to design patterns for small public spaces: Behaviors, processes and elements. In Herrera, P. C., Dreifuss-Serrano, C., Arris Calderón, L. F., and Gómez Zamora, P. (Ed.), SIGraDi 2022: Critical Appropriations. (pp. 1123-1134). Santiago de Surco, Peru: Universidad Peruana de Ciencias Aplicadas (UPC).</p>
23	<p>Lopes, R. & Paio, A. (2021). IDEAS: Interactive Database for Experimental Architecture and Spatial Practices. In Gomez, P., and Braida, F. (Ed.), SIGraDi 2021 Designing Possibilities Ubiquitous Conference . (pp. 643-655): Editora Blucher.</p>
24	<p>Sousa, M. & Paio, A. (2021). Digital public space: A comparative study of urban co-design interfaces. In Gomez, P., and Braida, F. (Ed.), SIGraDi 2021 Designing Possibilities Ubiquitous Conference. (pp. 1029-1040): Editora Blucher.</p>
25	<p>Ghorbanbakhsh, M. & Paio, A. (2021). Gamification in urban design for upgrading the informal settlements (open public space) in African neighborhoods. In Pinto, J. C., Farias, H., Cavic, L., e Ginja, L. M. (Ed.), Arquitetura, cidade e paisagem: Projetar em contexto de crise. Novos desafios para o ensino, a pesquisa e a prática da arquitetura. Livro de artigos. (pp. 598-608). Online: CIAUD - Centro de Investigação em Arquitetura, Urbanismo e Design. Faculdade de Arquitetura, Universidade de Lisboa.</p> <p>- Times Cited Google Scholar: 1</p>
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28	<p>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: perspectivas proyectuales en el Siglo XXI: Forma urbis y territorios metropolitanos. Barcelona : Universitat Politecnica de Catalunya. Iniciativa Digital Politecnica.</p>
29	<p>Sousa, M. & Paio, A. (2020). Pattern-driven design for small public spaces: An analysis of pattern books and toolboxes. In Werner, L., and Koering, D. (Ed.), Anthropologic: Architecture and Fabrication in the cognitive age - Proceedings of the 38th Conference on Education and Research in Computer Aided Architectural Design in Europe, eCAADe 2020. (pp. 491-498). Berlin: eCAADe (Education and Research in Computer Aided Architectural Design in Europe).</p> <p>- Times Cited Google Scholar: 2</p>

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31	<p>Silva, D., Paio, A. & Sousa, J. P. (2019). Reprogramming practice: revising design thinking through digital fabrication. In Sousa, JP, Henriques, GC and Xavier, JP (Ed.), eCAADe SIGraDI 2019: Architecture in the Age of the 4th Industrial Revolution. (pp. 379-386). Porto: ECAADe-EDUCATION & RESEARCH COMPUTER AIDED ARCHITECTURAL DESIGN EUROPE.</p> <p>- Times Cited Google Scholar: 6</p>
32	<p>Brandão, F., Paio, A. & Lopes, A. (2019). Interactive algorithm for generating accurate as-built plans by building owners. In Sousa, JP, Henriques, GC and Xavier, JP (Ed.), eCAADe SIGraDI 2019: Architecture in the Age of the 4th Industrial Revolution. (pp. 69-78). Porto: ECAADe-EDUCATION & RESEARCH COMPUTER AIDED ARCHITECTURAL DESIGN EUROPE.</p> <p>- Times Cited Google Scholar: 1</p>
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36	<p>Correia, R. M., Paio, A. & Brandão, F. (2018). Transdisciplinary in Architecture as a digital change: back to the future. In Laia Fidalgo (Ed.), Congreso ICDHS 10th+1. (pp. 179-179). Barcelona: Edicions de la Universitat de Barcelona.</p> <p>- Times Cited Google Scholar: 2</p>
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- Talk

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2	Nascimento, I., Coleman, N., Paio, A., Neto, P. L., Bandeira, P. , Sarfatti, O. ...Payne, E. (2025). WHO CARES? : Recoding Architectural Pedagogy. Nurture: Cultivating Care, Creativity and Collaboration in Architecture.
3	ferreira, L. & Paio, A. (2025). Universal Accessibility and Walkability Indicators: Towards More Inclusive and Sustainable Cities . EURA 2025: Creating healthy and sustainable cities.
4	Sant'Ana, Carlos Pedro, Paio, A. & Figueiredo, B. (2025). MICRO-FACTORIES. The role of urban manufacturing spaces and digital fabrication for a new model of decentralised bicycle production. EURA 2025: Creating healthy and sustainable cities.
5	Mauritti, R, Saleiro, Sandra Palma, Justino, E., Silva, S. F. , Sousa, C., Pintassilgo, S....Paio, A. (2025). Estudo nacional sobre as residências para estudantes do ensino superior: Principais resultados. XIII Congresso Português de Sociologia.
6	Iannizzotto, L., Paio, A., Perrone, C. & Krystallia Kamvasinou (2025). Defining a Socio-Ecological Approach to Vacant Land: Innovative Projects in Terrain Vague, from Theory to Practice . EURA 2025: Creating healthy and sustainable cities.
7	Paio, A. & Pappa, A. (2025). Why Tools Matter in Community-Led Regeneration. Caring for the City. Entangled Challenges for Sustainable Urban and Tourism Development.
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9	Paio, A., Serpa, Filipa, Mendes, L., Xerez, R. & Guilherme, J (2025). Habitação, Bem-Estar e Desigualdades no Sul da Europa: Estudo Exploratório de Portugal sobre a Geração Z (Housing4Z). 1.ª Sessão do Ciclo Habitação, Bem-Estar e Desigualdades.
10	Brimet Silva, Melâneo, P., Paio, A. & Santiago Baptista (2025). PROCESSING 01. Talks. PROCESSING 01. Talks, Roca Gall.

11	Dlabaja, C., Paio, A., Kettner, N, Rauch-Keschmann, U, Schmid, D, Girardi-Hoog, J...Stoik, C (2025). Caring for the City in times of multiple Crises and Transformation. Caring for the City: Entangled Challenges for Sustainable Urban and Tourism Development.
12	galrao, I. & Paio, A. (2025). Walkability for Active Ageing: Fostering Inclusive and Equitable Design in Metropolitan Peripheries. 2nd International Conference on the Future Design of Streets.
13	Paio, A. (2024). Apresentação: Digital Culture. What's Next?. Apresentação da revista Digital Culture. What's Next?.
14	Paio, A. (2024). Forum Education, Round Table. Trans-Carbon Habitat Conference; Lisbon, CCB.
15	Pappa, A. & Paio, A. (2024). Commoning for Social Sustainability: Exploring the Role of Institutionally Aided Practices in the Neighborhoods of Lisbon. Urban Affairs Conference 2024, CITIES ON THE EDGE: Promoting Equity and Resiliency Through Research, Activism, Planning & Policy TH 8.00.04 social capital, Cultural Landscape and Local Practices.
16	Iannizzotto, L., Paio, A. & Perrone, C. (2024). New Design Approaches for Urban Voids: Developing a Framework for Analysing Innovative Projects in Terrain Vague Spaces. Urban Planning & Architectural Design for Sustainable Development (UPADSD) - 9th Edition.
17	Stefa, E. & Paio, A. (2024). Cultural Planning and Collaborative Processes. URBAN FUTURES – CULTURAL PASTS, AMPS.
18	Paio, A. (2024). PLENARY 4: INDUSTRIALISED HOUSING: THE WAY FORWARD? . ENHR conference: Making Housing systems work: evidence and solutions.
19	Iannizzotto, L. & Paio, A. (2023). Definir o vazio: definição de diferentes conceitos relacionados com vazios urbanos ou urban voids ou terrenos vagos com base na literatura académica existente. 7ª Edição do Workshop Dinâmicas Socioeconómicas e Territoriais Contemporâneas: Rumos da investigação num mundo em transformação.
20	Roussou, Pappa, A. & Paio, A. (2023). From teaching the commons to commoning teaching: towards a reflexive architectural education. Smooth International Conference: Educational commons and active social inclusion.
21	Genin, Soraya M., Volzone, R., Paio, A. & Brandão, Filipe J.S. (2023). Documentation as a tool for analysis and dissemination of the Cultural Heritage. The case of Franciscan Observance in Portugal, Italy and Spain. F-Atlas Conference Franciscan Observance Landscapes.
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32	Brandão, Filipe J.S. & Paio, A. (2019). Context-Aware Mass Customization Construction System - Methods for user captured as-built plans. Intelligent & Informed - 24th CAADRIA Conference.
33	Brandão, Filipe J.S., Paio, A. & Lopes, A. (2019). Interactive algorithm for generating accurate as-built plans by building owners. eCAADe/SIGRADI 2019 - Architecture in the Age of the 4th Industrial Revolution .
34	Paio, A. (2019). Civic Hacking and City Making . Cities on the make. Tactical Urbanism, Placemaking, and Civic Hacking.
35	Pintassilgo, S., Figueira, M, Paio, A. & Sousa, J. (2019). Pedagogia e Trabalho Colaborativo: Uma experiência de Articulação Curricular entre o Ensino Superior e o 1º ciclo do Ensino Básico. CNaPPES2019.
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37	Paio, A. (2019). urbanGENE: Generative Parametric Portuguese Urban Grammar Interpreter A geometric method for generating planimetric proportional and symmetrical system . Diderot Mathematical Forum: Mathematics and Architecture.
38	Lopes, João Ventura, Paio, A. & José N. Beirão (2019). The Morphology of Public Open Spaces as Visual Opportunity Fields - A space syntax approach based on Revelation and VGA maps customization with SalaScript. Architecture in the Age of the 4th Industrial Revolution - Proceedings of the 37th eCAADe and 23rd SIGraDi Conference.
39	Silva, D., Paio, A. & José Pedro Sousa (2019). Reprogramming Practice Revising design thinking through digital fabrication. Architecture in the Age of the 4th Industrial Revolution - Proceedings of the 37th eCAADe and 23rd SIGraDi Conference.
40	Correia, Ricardo Mendes, Paio, A. & Soares, Luísa Soares (2018). Architectural design digital change: interactivity policy. XXII International Conference Of The Iberoamerican Society Of Digital Graphics, SIGRADI.

41	Farias, A. C. C. & Paio, A. (2018). Tecnopolíticas e processos participativos. Interações entre redes digitais e as ruas na cidade de Lisboa. XXII Congresso Internacional da Sociedade Iberoamericana de Gráfica Digital .
42	Correia, Ricardo Mendes, Paio, A. & Brandão, Filipe J.S. (2018). Transdisciplinary in Architecture as a digital change: back to the future. ICDHS10th+1.
43	Brandão, Filipe J.S., Paio, A. & Antunes, N (2018). Towards a digitally fabricated disassemble-able building system: a CNC fabricated T-Slot joint. eCAADe 2018: Computing for a Better Tomorrow. - Times Cited Web of Science®: 2
44	Brandão, Filipe J.S., Correia, Ricardo Mendes & Paio, A. (2018). Measuring Urban Renewal: a dual kernel density estimation to assess the intensity of building renovation. 4th International Symposium: Formal Methods in Architecture.
45	Paio, A. (2018). Geometria e Computação: Desafios Digitais no Ensino e Aprendizagem da Geometria na Escola. Jornadas Didáticas 2018 .
46	Paio, A. (2018). VITRUVIUS FABLAB and a collaborative learning space: methodologies for intervention in city public space. TICYUrb (Third International Conference of Young Urban Researchers), In TICYUrb (Third International Conference of Young Urban Researchers).
47	Graça, A & Paio, A. (2018). UAIG (Urban Areas of Illegal Genesis) (re) living to (re) integrate . CA²RE CONFERENCE FOR ARTISTIC AND ARCHITECTURAL (DOCTORAL) RESEARCH.
48	Sebastião, S., Paio, A. & Miguel Brito (2017). PROCESSOS PARTICIPATIVOS BIP/ZIP. Modelo ou Estratégia de Desenvolvimento Local?. Congresso Internacional Projectar a Cidade com a Comunidade. Processos Participados em Lisboa.
49	Neves, M. & Paio, A. (2017). O Projeto Lig@-te ao Bairro. Reflexão crítica sobre os processos bottom-up no desenho do espaço público. Congresso Internacional Projectar a Cidade com a Comunidade. Processos Participados em Lisboa.
50	Brandão, Filipe J.S. & Paio, A. (2017). Mapping Mass Customization. ShoCK! - Sharing Computational Knowledge!.
51	Pedro, N., P. Baeta, Paio, A., A. Pedro & J.F. Matos (2017). REDESIGNING CLASSROOMS FOR THE FUTURE: GATHERING INPUTS FROM STUDENTS, TEACHERS AND DESIGNERS. INTED2017, 11th annual International Technology, Education and Development Conference. - Times Cited Web of Science®: 1
52	Paio, A., David Viana, Lígia Nunes , António Brito Gutierrez & Miguel Brito (2017). A Collaborative learning space: methodologies for intervention in public space. IV Coinference of Reginal and Urban Planning and International conference of Community Participation in Planning Emarmus+ Project. Participation in Planning and Public Policy.
53	Silva, D., Paio, A. & José Pedro Sousa (2017). How digital fabrication can enable new methods in the architectural practice?. XXI SIGraDi: Resilience Design.
54	Osório, F. C., Paio, A. & Oliveira, S. (2017). ORIGAMI TESSELATIONS: FOLDING ALGORITHMS, FROM LOCAL TO GLOBAL. Geometrias'17: Pensar, Desenhar e Modelar.
55	Correia, Ricardo Mendes, Brandão, F.J. & Paio, A. (2017). Transdisciplinary insight of digital architecture. XXI SIGraDi: Resilience Design .

56	Paio, A. (2017). PERSPETIVAS TEÓRICAS EM TORNO DA COPRODUÇÃO DA CIDADE – PLANEAMENTO E URBANISMO : Curso de Especialização em Territórios Colaborativos. Congresso Internacional Projectar a Cidade com a Comunidade. Processos Participados em Lisboa.
57	Brandão, F. J. S., Correia, Ricardo Mendes & Paio, A. (2017). Rhythms of Renewal of the City. XXI SIGraDi: Resilience Design .
58	Osório, F. C., Paio, A. & Oliveira, S. (2017). Kinetic Origami Surfaces: From Simulation to Fabrication. Future Trajectories of Computation in Design [17th International Conference, CAAD Futures 2017.
59	Osório, F. C., Paio, A., Oliveira, S., Casale, A., Valenti, G. & Calvano, M. (2017). Foldable Responsive Surfaces - Two Design Studios with a Comprehensive Workflow. ShoCK! - Sharing Computational Knowledge!, 35th eCAADe Conference.
60	Valerio Cutini, Paio, A. & Camilla Pezzica (2017). A SQUARE FOR PEOPLE. A visually communicative, configuration informed and social-oriented redevelopment project for Largo da Graça, Lisbon. Proceedings of the 11th Space Syntax Symposium.
61	Paio, A., Lígia Nunes & David Viana (2017). Collaborative Territories: Designing city with local community through interdisciplinary methods. Congresso Internacional Projectar a Cidade com a Comunidade. Processos Participados em Lisboa.
62	Paio, A. & Gabão, D. (2017). CONSTRUIR CIDADE: EXPLORAR AS TÉCNICAS DE JAN GEHL NA APROPRIAÇÃO DO ESPAÇO PÚBLICO NO CARREGADO. Congresso Internacional Projectar a Cidade com a Comunidade. Processos Participados em Lisboa.
63	SN & Paio, A. (2016). SOCIAL CHALLENGES MEET ARCHITECTURE - from participation to digital fabrication . EAAE ARCC 2016 Conference.
64	Paio, A. (2016). A fabricação digital e o seu aspeto social. Encontro Nacional de FabLabs .
65	Paio, A. (2016). Contributos construtivos. Sessão Participativa de Discussão Pública do Plano Estratégico Desenvolvimento Territorial Concelho de Alenquer.
66	Paio, A. (2016). Vitruvius FABLAB-IUL: O aspeto social da fabricação digital . Jornadas Processos participativos em Arte e em Ciência (I) A Arte Urbana Participativa. Diversos olhares.
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68	Paio, A. (2016). FabLabs, Digital Fabrication and 3D Printing. Opportunities, Challenges and Knowledge Governance of Inputs and Outputs. IBS LABORATORY SESSION.
69	Paio, A. (2016). Territórios Colaborativos - desenvolvimento de inteligência coletiva crítica . Aula Aberta - Centro de Informação Urbana de Lisboa .
70	Paio, A. (2016). Construção em terra: desafios digitais e novas geometrias. Práticas da Arquitetura. Construção em Terra.
71	Paio, A., Valerio Cutini, Camilla Pezzica, João Ventura & Marco Giorgio Bevilacqua (2016). Urban Squares Morphologies: Contributions of a Multidimensional Analysis . NEXUS 2016 .

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73	Raquel Martins & Paio, A. (2015). The social aspect of digital fabrication. 3rd symposium Formal Methods in Architecture. 1, 39-39
74	Paio, A. (2015). Arquitectura de espaços educativos e design participativo. Opening Future Teacher E-ducation Lab.
75	Paio, A. & António Brito Guterrres (2015). Territórios Colaborativos. Desafios Pedagógicos. 1ª Conferência online "Urbanismo Tático".
76	Paio, A. (2015). Vitruvius FABLAB-IUL, Laboratório de Fabricação Digital. Semana da Investigação ISCTE-IUL 2015, Sessão Plenária: Ciência, tecnologia e inovação.
77	Paio, A. (2015). Digital processes for collaborative answers in Architecture. 3rd symposium Formal Methods in Architecture. 1, 52-52
78	Cristina Romão & Paio, A. (2015). The role of the architect in participatory methodologies. Proceedings of the Global Dwelling: Housing regeneration strategies. 1
79	Ana Catarina Gomes & Paio, A. (2015). Generative Solutions: Adaptation and Flexibilization in Housing as a Qualified Social Response. XIX Congresso da Sociedade Ibero-americana de Gráfica Digital 2015. 2, 642-648
80	Mena, A., Paio, A., Rocha, L., Marques-Pita, M., Assis, M., Oliveira, M.J....Costa, S. (2015). Morfogénese de um projeto. Congresso SciCom.
81	Filipa Osório, Paio, A. & Oliveira, S. (2014). Interaction with a Kinetic Folded Surface. Fusion - Proceedings of the 32nd eCAADe Conference.
82	Filipa Osório, Paio, A. & Oliveira, S. (2014). KOS- KINETIC ORIGAMI SURFACE. Rethinking Comprehensive Design: Proceedings of the 19th International Conference on Computer-Aided Architectural Design Research in Asia .
83	Paio, A. & Varela, B. (2014). Repensar a construção em terra através das tecnologias digitais. AÇÃO DE SENSIBILIZAÇÃO CONSTRUÇÃO COM TERRA.
84	Rato, V. & Paio, A. (2014). Social Digital challenges BIP-ZIP project ÁS de MARVILA, 2014. 3º USER Workshop. How to turn participation into action .
85	Varela, B., Paio, A. & Rato, V. (2014). Digital tectonic: Rethinking the building with earth in Architecture. CIAV 2013 International Conference on Vernacular Architecture & Earthen Architecture. 809-813
86	Paio, A. (2014). Contemporary living patterns in mass housing in Europe: From collaborative design to digital fabrication. First OIKONET International Conference GLOBAL DWELLING .
87	Paio, A., Rato, V., Reis, J., Santos, F. & Lopes, P. F. (2014). Emerg. house 4all: a sensitive approach informed by new digital tools . ECAS 2013, 5th European Conference on African Studies "African Dynamics in Multipolar World". 1, 1773-1791
88	Paio, A. & Rato, V. (2014). Cork Digital Processes. 1st International Workshop Cork - New uses in architecture - natural cork. Impact of Material Technologies and Applications.

89	Nascimento, S., Alexandre Pólvara, Paio, A., Oliveira, S. & Rato, V. (2014). Back and Forth Between Social and Technical: A Collective Experience in the Transdisciplinary Making of Sustainable Artifacts. 5th STS Italia Conference, A Matter of Design. Making Society through Science and Technology.
90	Paio, A. (2013). FABLAB: How to Make (Almost) Anything . Doutoramento em arquitectura dos territórios metropolitanos contemporâneos.
91	Paio, A. (2013). Qual o papel dos laboratórios de Fabricação Digital?. 3º Workshop Internacional de Fabricação Digital aplicada ao Design e à Arquitetura Contemporâneos.
92	Paio, A. (2013). Os processos digitais na arquitectura como um novo desafio: da investigação à prática profissional. 3º Workshop Internacional de Fabricação Digital aplicada ao Design e à Arquitetura Contemporâneos.
93	Paio, A. (2013). Gramáticas da forma: introdução a um pensamento descritivo e generativo. Programa Doutoramento em Arquitectura: Arquitectura e Matemática.
94	Paio, A. & Oliveira, S. (2013). O que é um Fablab? . 1º workshop: Experimentar a fabricação interdisciplinar de objectos quotidianos .
95	Paio, A. (2013). House 4all: a sensitive approach informed by new digital tools . ECAS 2013 : 5th EUROPEAN CONFERENCE ON AFRICAN STUDIES. African dynamics in a multipolar World.
96	Paio, A. (2013). Património Digital. A importância dos laboratórios de fabricação digital na preservação e divulgação do património. Seminário Internacional PATRIMÓNIO, NOVAS TECNOLOGIAS & CRIATIVIDADE .
97	Paio, A. (2013). A Portuguese Urban Grammar Study Knowledge-Based in Portuguese Treatises. Congresso Internacional Na Génese das Racionalidades Modernas II Em Torno de Alberti e do Humanismo.
98	Paio, A., Oliveira, S., Oliveira, M. João, Sousa, J. & Novo, E. (2013). From Collaborative Design to Digital Fabrication 102: Materials + Tools. STTF2013 ISCTE-IUL Summer School.
99	Oliveira, M. João, Paio, A., Rato, V. & Carvão, L. (2012). A Living System - Discursive Wall. ECPPM 2012 - 9 th European Conference of Product and Process Modelling , In eWork and eBusiness in Architecture, Engineering and Construction .
100	Joana Tching, Paio, A. & Reis, J. (2012). A Shape Grammar for Self-Built Housing. forma[in]formação, In Proceedings of XVI Congreso de Sigradi 2012 .
101	Paio, A., Rato, V., Reis, J., Santos, F. & Lopes, P. F. (2012). Emerg.cities4all: generating a computational tool for sustainable social urban design in Portuguese speaking countries. Urban Morphology in Portuguese-Speaking Countries - 2nd Conference of the Portuguese Network of Urban Morphology.
102	Santos, F., Reis, J., Lopes, P. F., Paio, A., Eloy, S. & Rato, V. (2012). A Multi-Agent Expert System Shell for Shape Grammars. CAADRIA 2012 (the 17th International Conference of the Association for Computer-Aided Architectural Design Research in Asia). - Times Cited Web of Science®: 2
103	Paio, A. (2012). A importância da realidade aumentada no ensino da geometria. XI Encontro Nacional da APROGED.

104	Paio, A. & Turkienicz, B. (2012). UrbanGENE:contributions to a grammar of the Portuguese urban morphogenetic genesis. Actas da Conferência Internacional PNUM 2012 - Urban Morphology in the Portuguese Speaking Countries Morfologia Urbana nos países lusófonos.
105	Paio, A., Oliveira, M. João, Carvão, L. & Silva, B. (2012). Living system design Studio: from digital to fabrication process . Proceedings 8th conference ICDHS .
106	Paio, A., Silva, B., Oliveira, M. João & Carvão, L. (2012). Technic Praxis learning: A design studio embedding digital and physical knowledge. forma[in]formação, In Proceedings of XVI Congresso de Sigradi 2012 .
107	Paio, A., Eloy, S., Reis, J., Santos, F., Rato, V. & Lopes, P. F. (2011). Emerg.cities4all: Towards a sustainable and integrated urban design. UIA2011 Tokyo.
108	Linhares, B., Alarcão, H., Toste, P., Carvão, L. & Paio, A. (2011). Emergent Design for humanized living. Towards a parametric-typological design tool. Innovating, Housing, Learning, In Proceedings of Oikodemos International Conference.
109	Linhares, B., Alarcão, H., Toste, P., Carvão, L. & Paio, A. (2011). Using Shape Grammar to design ready-made housing for humanized living. Towards a parametric-typological design tool. Cultura Aumentada, In Proceedings of XV Congresso de Sigradi 2011 .
110	Paio, A., Reis, J., Santos, F., Lopes, P. F., Eloy, S. & Rato, V. (2011). Emerg.cities4all: Towards a shape grammar based computational system tool for generating a sustainable and integrated urban design. eCAADe 2011 Conference (Education and Research in Computer Aided Architectural Design in Europe): Respecting Fragile Places.
111	Lopes, P. F., Reis, J., Santos, F., Eloy, S., Paio, A. & Rato, V. (2011). Shaping emergent cities for all. SIGraDi 2011 (XV congreso de la sociedad iberoamericana de gráfica digital).

• Other Publications

- Non-peer-reviewed papers

1	Osório, F. C., Paio, A. & Oliveira, S. M. (2026). Kinetic Architecture: A comprehensive classification of motion structures. Journal of Architectural Engineering.
2	Iannizzotto, L. & Paio, A. (2022). From problem to opportunity: revalue terrain vague for sustainable development of cities. Urbanistica Informazioni n. 306 Special Issue. 306
3	Paio, A. & Silva, B. (2016). D Digital. Processos Digitais. Depoimento. Revista arqa - Arquitectura e Arte. Dicionário 2000-2016. 1 (122), 50-55
4	Paio, A. (2014). Contemporary living patterns in mass housing in Europe. Homeland:News From Portugal. 1 (1), 522-522
5	Paio, A. (2014). Editorial do Boletim . Boletim da APROGED . 31, 1-2
6	Paio, A. & Silva, B. (2013). Processos Digitais: Perspectivas Críticas Portuguesas (Entrevista Arquitectura). Revista arqa - Arquitectura e Arte. Processos Digitais. . (106), 26-39
7	Paio, A. & Silva, B. (2013). Processos digitais. Computorização e computação. Revista arqa, Arquitectura e Arte: Processos Digitais . . (106), 24-25

8	Paio, A., Silva, B. & Oliveira, M.J. (2013). Living System – Discursive Wall. ARQA – Arquitectura e Arte . 106, 139-146
9	Paio, A. & Silva, B. (2013). Dossier: A Living System_Discursive Wall . Revista arqa - Arquitectura e Arte: Processos Digitais. . (106), 139-146

- Other publications

1	Paio, A., Viana, D., Nunes, L., Guterres, A. & Brito, M. (2017). A collaborative learning space: methodologies for intervention in public space. IV Conference of Regional and Urban Planning. International Conference of «Community Participation in Planning» Erasmus+ Project.
2	Reis, J., Lopes, P. F., Santos, F., Eloy, S., Paio, A. & Rato, V. (2011). Shape Grammars and Applications. First International Workshop - NUIGraM - Natural User Interaction, Graphics and Mobility. - Times Cited Scopus: 5

- Paper in press

1	Iannizzotto, L. & Paio, A. (2024). From problem to opportunity: Revalue Terrain Vague for sustainable development of cities. XIII Giornata internazionale di Studio INU 13th International Inu Study Day.
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- Newspaper article

1	Paio, A. (2022). Realidades Metropolitanas: 10 anos de Investigação em Arquitectura no Iscte . arqa. arquitetura e arte . 108-111
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- Report

1	Paio, A. (2014). Lisbon Workshop: Contemporary living patterns in mass housing in Europe.
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Research Projects			
Project Title	Role in Project	Partners	Period
Mapping social value of participation in collaborative housing: From a knowledge-based to evidence-based perspective	Local Coordinator	DINAMIA'CET-Iscte (CT) - Leader, EPFL - (Switzerland), CECHS AISBL - (Belgium), UrbaMonde - (Switzerland)	2024 - 2027
Erasmus+ Educação e Formação: caracterização, análise e avaliação da qualidade das residências para estudantes do ensino superior	Researcher	CIES-Iscte	2023

Socioeconomic characterization of households residing in the neighborhoods of Portugal Novo, Horizonte and Cooperativas do Beato	Principal Researcher	DINAMIA'CET-Iscte (CT) - Leader	2022 - 2023
Care(4)Housing - A care through design approach to address housing precarity in Portugal	Researcher	DINAMIA'CET-Iscte (CT) - Leader, FAUL - (Portugal), IGOT - (Portugal)	2022 - 2025
BIPZIP 2021 - 29 Sai da Caixa Armador	Local Coordinator	DINAMIA'CET-Iscte (CT), VES - (Portugal), JFM - (Portugal)	2021 - 2023
Delivering affordable and sustainable housing in Europe	Local Coordinator	ISTAR-Iscte, DINAMIA'CET-Iscte (CT) - Leader, FUNITEC - Leader (Spain), UGA - (France), UFSD - (United Kingdom), University of Zagreb - Faculty of Law - (Croatia), MTA TK - (Hungary), University of Cyprus - (Cyprus), UPA - (Spain), Delft - (Netherlands), UREAD - (United Kingdom)	2020 - 2024
Franciscan Landscapes: the Observance between Italy, Portugal and Spain	Researcher	DINAMIA'CET-Iscte (CT) - Leader	2020 - 2024
Technology Enhanced Learning @ Future Teacher Education Lab (2015-2018)	Local Coordinator	ISTAR-Iscte (DLS), IE - ULisboa - (Portugal)	2015 - 2018
A global multidisciplinary network on housing research and learning.	Local Coordinator	ISTAR-Iscte (DLS), LA SALLE - Leader (Spain)	2014 - 2016
IPTTEL - Pedagogical Innovation in Higher Education: E-Learning and digital technologies	Local Coordinator	ISTAR-Iscte (DLS), IE - ULisboa - (Portugal)	2014 - 2016
Musical Morphogenesis	Global Coordinator	ISTAR-Iscte (DLS), DINAMIA'CET-Iscte (CT), Calouste Gulbenkian Foundation - (Portugal), FABLAB-IUL - (Portugal), Gulbenkian Science Institute - (Portugal)	2014 - 2017
Experiment the Interdisciplinary Fabrication of Everyday Objects	Researcher	ISTAR-Iscte (DLS), DINAMIA'CET-Iscte, CIES-Iscte	2013 - 2014
Priority Intervention Neighbourhoods and Zones Intervention Neighbourhoods	Researcher	ISTAR-Iscte (DLS), CML - Leader (Portugal)	2013 - 2018

Living System (2012)	Researcher	ISTAR-Iscte (DLS), DINAMIA'CET-Iscte, Vitruvius FABLAB-IUL - (Portugal), FabLab EDP - (Portugal), Rhino 3D Portugal - (Portugal)	2013 - 2018
Urbangene	Global Coordinator	ISTAR-Iscte (DLS)	2018

Academic Management Positions

Director (2024 - 2026)
Unit/Area: [0368] Digital Innovation for Design Practices

Membro (Docente) (2023 - 2025)
Unit/Area: Plenário do Conselho Científico

Director (2021 - 2023)
Unit/Area: Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories

Membro (Docente) (2021 - 2023)
Unit/Area: Plenário do Conselho Científico

Director (2020)
Unit/Area: Specialization Seminar in Technopolitics in Urban Regeneration.Co-creating Public Spaces

Director (2019 - 2020)
Unit/Area: [0199] Embodied Territories: Processes, Design, Practice and Entrepreneurship

Director (2019 - 2021)
Unit/Area: Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories

Director (2019)
Unit/Area: Specialization Seminar in Technopolitics in Urban Regeneration.Co-creating Public Spaces

Director (2018 - 2019)
Unit/Area: Specialization Seminar in The Place of the City: Mouraria - observe, evaluate, act - a participatory project - 2018/2019

Director (2017 - 2018)
Unit/Area: [0199] Embodied Territories: Processes, Design, Practice and Entrepreneurship

Director (2017 - 2018)
Unit/Area: [0274] City and Narrative

Director (2017 - 2019)
Unit/Area: Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories

Director (2017 - 2019)
Unit/Area: [0287] Sustainable Design: Open Spaces in Lisbon

Director (2017)
Unit/Area: [0200] Embodied Territories

Sub-diretor (2017)
Unit/Area: Doctorate Degree (PhD) in Architecture of Contemporary Metropolitan Territories

Sub-diretor (2016 - 2019)
Unit/Area: Department of Architecture and Urbanism

Director (2015 - 2017)
Unit/Area: [0111] Digital Architecture

Director (2014 - 2017)
Unit/Area: Specialization Seminar in Applied digital fabrication processes

Director (2014 - 2017) Unit/Area: Specialization Seminar in Urbanization? Contexts and Morphology
Director (2014 - 2017) Unit/Area: Specialization Seminar in Social entrepreneurship and innovation
Director (2014 - 2017) Unit/Area: Specialization Seminar in Collaborative and Participatory Processes in Local Development
Director (2013 - 2015) Unit/Area: [0111] Digital Architecture
Director (2012 - 2013) Unit/Area: [0111] Digital Architecture
Coordenador do 1º Ano (2011 - 2014) Unit/Area: Integrated Master Degree in Architecture

Awards

1st edition of the - Special Mention Research - Teaching , 2022 (2022)
Prémio Científico (2021)
Prémio Científico (2019)
Prémio Científico (2017)

Research Networks

Research Network Name	Representative Role	Period
Togetherhness - New European Bauhaus initiative	Investigadora	2021 - 2022
Direito à Cidade	Parceiro	2022 - 2026
TAGUS Network	Parceiro	2024 - 2025
CA24134 - Observatory of Innovative Strategies for Repurposing Terrain Vague (OBSERVISTA)	Vice-Chair	2025 - 2029

Professional Associations

APROGED - Associação dos Professores de Desenho e Geometria Descritiva (Since 2019)
Oikodomos Erasmus Network (Since 2011)
ADETTI, ISCTE-IUL (2010 - 2014)
Membro da NAAM - Association for Architecture and Mathematics (Since 2008)
IERU - Instituto de Estudos Regionais e Urbanos da Universidade de Coimbra (2006 - 2010)

APROGED - Associação de Professores de Desenho e de Geometria Descritiva (Since 2003)

CEUA - Centro de Estudos de Urbanismo e Arquitectura (1997 - 2007)

Organization/Coordination of Events

Type of Organization/Coordination	Event Title	Organizer	Year
Member of scientific event committee	DIDACTIC CONFERENCES 2023, Esc. Secundária de Francisco Franco, Funchal, Madeira	APROGED	2023
Member of scientific event committee	4th International Conference Architectures of the Soul (aos4)	DINAMIA'CET	2023
Member of scientific event committee	11th International Conference of the Lusophone Network of Urban Morphology (PNUM 2023)	DINAMIA'CET	2023
Member of scientific event committee	7th Edition of the Workshop on Contemporary Socioeconomic and Territorial Dynamics: Directions of Research in a Changing World	DINAMIA'CET	2023
Member of scientific event committee	CEUBI2022 - International Congress on Engineering – Innovation and Sustainability Praxis	Faculdade de Engenharia da Universidade da Beira Interior	2022
Member of scientific event committee	JORNADAS DIDÁCTICAS 2020, Escola de Arquitectura da Universidade do Minho, Guimarães	APROGED	2020
Member of scientific event committee	SiGraDi 2020: Transformative Design - Convergence between natural and artificial systems	Escuela de Arquitectura y Diseño de la Universidad Pontificia Bolivariana en Medellín, Colombia	2020
Member of scientific event committee	38th eCAADe Conference Anthropologic – Architecture and Fabrication in the cognitive age from smart to behavioral from digital to material”	TU Berlin	2020
Member of scientific event committee	3rd International Seminar Architectures of the Soul (Arquitecturas da Alma)	Centro de Estudos sobre a Mudança Socioeconómica e o Território (DINÂMIA/CET-IUL)	2020
Member of scientific event committee	5th National Meeting in Architecture Research	FCTUC Departamento de Arquitectura	2019
Member of scientific event committee	37th eCAADe + XXIII SiGraDi Conference "Architecture in the Age of the 4th Industrial Revolution" FAUP - Faculty Architecture, University of Porto 11-13 September 2019	FAUP	2019
Member of scientific event committee	GEOMETRIAS'19 APROGED'S 5TH INTERNACIONAL CONFERENCE	Department of Mathematics of the Faculty of Sciences of Porto's University, Portugal	2019

Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	International Conference and Summer School'2019 Technopolitics in Urban Regeneration: Co-creating Public Spaces, 24 JUN - 06 JUL / 2020, ISCTE-IUL + IPPS + CM Cascais		2019
Member of scientific event committee	4th National Meeting in Architecture Research+ Urbanism e Design (ENIA+UD)	FAUL	2019
Member of scientific event committee	4th International Conference on "CHANGING CITIES: Spatial, Design, Landscape, Socio-economic Dimensions"	Department of planning and regional development University of Thessaly	2018 - 2019
Coordination of scientific event (with scientific committee) at ISCTE-IUL	3rd National Meeting in Architecture Research	ISCTE-IUL	2018
Member of scientific event committee	8th ICBR International Conference on Building Resilience. Risk and Resilience in practice: Vulnerabilities, Displaced People, Local Communities and Heritages.	CIAUD - CIAUD - Research Centre for Architecture, Urbanism and Design, Faculty of Architecture, University of Lisbon	2018
Member of scientific event committee	2nd International Seminar Architectures of the Soul Arquitecturas da Alma	Centro de Estudos sobre a Mudança Socioeconómica e o Território (DINÂMIA/CET-IUL)	2018
Member of scientific event committee	XXII INTERNATIONAL CONFERENCE OF THE IBEROAMERICAN SOCIETY OF DIGITAL GRAPHICS TECHNOLOGICALS	Universidade de São Paulo. São Carlos. Brazil	2018
Member of scientific event committee	JORNADAS DIDÁCTICAS 2018	APROGED	2018
Member of scientific event committee	Research culture in architecture. International Conference on cross – disciplinary collaboration	Hosted by fatuk, Faculty of Architecture, TU Kaisersautern	2018
Member of scientific event committee	Fourth OIKONET conference on "Global Dwelling". Temporality and Permanence.	Department of Architecture - University of Thessaly, Greece	2018
Member of scientific event committee	ticEDUCA2018 - 'Technology Enhanced Learning'	Instituto da Educação da Universidade de Lisboa	2018
Member of scientific event's organizing committee	2nd National Meeting in Architecture Research	FAUP	2018
Member of scientific event committee	.	Centro de Estudos sobre a Mudança Socioeconómica e o Território (DINÂMIA/CET-IUL)	2017
Coordination of scientific event (with scientific committee) at ISCTE-IUL	2nd OIKONET POSTGRADUATE SEMINAR GLOBAL DWELLING: Intertwining Community, Sustainability and Technology	OIKONET Lifelong Learning Programme of the European Union	2017 - 2018
Member of scientific event's organizing committee	1st National Meeting in Architecture Research	FAUL	2017

Member of scientific event committee	TICYUrb (Third International Conference of Young Urban Researchers)	CIES-IUL, ISCTE-IUL	2017 - 2018
Member of scientific event committee	GEOMETRIAS'17: Thinking, Drawing, Modelling	APROGED	2016 - 2017
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Architecture In-play	ISCTE-IUL eSapienza Università de Roma	2016
Member of free course/summer school's organizing committee	Surfaces in play summer school	ISCTE-IUL eSapienza Università de Roma	2016
Member of free course/summer school's organizing committee	STTF2013 Summer School: Sustainable Technologies and Transdisciplinary Futures: From Collaborative Design to Digital Fabrication	ISCTE-IUL University Institute of Lisbon	2013
Coordination of scientific event (with scientific committee) outside of ISCTE-IUL	Geometrias14 - New challenges on practice, researching and teaching Geometries and Drawing	APROGED	2013
Member of scientific event's organizing committee	Digital Fabrication: a State of Art	ISCTE-IUL University Institute of Lisbon	2011

Diffusion Activities

Activity Type	Event Title	Activity Description	Year
Publication in general diffusion news outlet	EP. 934 ALEXANDRA PAIO – Project RE-DWELL, Delivering affordable and sustainable housing in Europe	90 SECONDS OF SCIENCE” - THE RADIO PROGRAM THAT EXPLAINS SCIENCE MADE IN PORTUGAL	2020
Publication in general diffusion news outlet	FABLAB as a response to 5.0 society challenges	Jornal Económico opinion (online)	2020
Publication in general diffusion news outlet	Technology is the answer, but what is the question?	Jornal Económico (online)	2020
Member of organizing committee of knowledge diffusion event	Creative workshop (pilot project), Escola Rainha D. Leonor + CCB + FAJunior + Ordem dos Arquitectos (SRS) + VFABLA, iscte	.	2020
Publication in general diffusion news outlet	The daily life of urban regeneration	Jornal Económico Opinião (online)	2020
Publication in general diffusion news outlet	City as mirror of its ecosystem	Jornal Económico (online)	2020
Publication in general diffusion news outlet	FABLAB as a response to the challenges of society 5.0	Jornal Económico (online)	2020

Coordination of knowledge diffusion event	TUR'20 - INTERNATIONAL CONFERENCE + SUMMER SCHOOL • Technopolitics in Urban Regeneration Co-creating Liveable Spaces 29 JUN - 11 JUL / 2020 ISCTE-IUL + IPPS + CM Barreiro	During two weeks of the event, participants will develop co-creation processes, reframing the scale of interventions by the identification of local stakeholders, networks and agents, engaged in collaborative partnership. The two days conference will explore digital and social technologies in bottom-up urban public space design strategies, structured in four thematic sessions: (1) City governance in the Network society; (2) Reinventing the city through communing; (3) 2.0 City, culture, identity	2020
Publication in general diffusion news outlet	Will the city of the future be humanized?	Jornal Económico Opinion (online)	2020
Publication in general diffusion news outlet	Cities in times of common good	Jornal Económico, (online)	2020
Coordination of knowledge diffusion event	.		2019
Talk/Conference in public diffusion event	.	.	2019
Talk/Conference in public diffusion event	1º Seminário sobre Educação em Arquitectura, PuEmA - Por uma Educação em Arquitectura		2019
Coordination of knowledge diffusion event	.		2019
Talk/Conference in public diffusion event	SRS08 - Inovação em Arquitetura		2018
Coordination of knowledge diffusion event	EXPOSIÇÃO: SUSTAINABLE DESIGN Open Spaces in Lisbon, Junta de freguesia das Avenidas Novas, 16 a 30 Julho 2018		2018
Coordination of knowledge diffusion event	.		2018
Talk/Conference in public diffusion event	Os dias de Marvila	2nd edition d'os Dias de Marvila, developed within the action of projeto ROCK - Regeneration and Optimization of Cultural Heritage in Creative and Knowledge Cities.	2018
Coordination of knowledge diffusion event	Exposição - Rumo a uma nova cartografia de Lisboa: 5 círculos, CIUL, entre 14 de Maio e 5 de Junho		2018
Coordination of knowledge diffusion event	.	.	2017
Coordination of knowledge diffusion event	.		2017
Talk/Conference in public diffusion event	Ecological Sustainability, Territorialised Social Service and Participatory Urbanism	Open Class CIUL - Centro de Informação Urbana de Lisboa	2017

Talk/Conference in public diffusion event	.	.	2017
Talk/Conference in public diffusion event	.	.	2017
Talk/Conference in public diffusion event	FISTA'2017	Presentation: VITRUVIUS FABLAB: 5 anos de fabricação digital	2017
Talk/Conference in public diffusion event	.	.	2017
Talk/Conference in public diffusion event	Portugal Participa. Rede de Autarquias Participativas. Ciclo de Formações Regionais	Presentation: Tactical Urbanism	2017

Scientific Editing/Reviewing Activities

Type of Activity	Journal Title	ISSN/Quartile	Period	Language
Scientific journal editor	Architecture In-Play, Special Issue 20 (1) - 2018, Nexus Network Journal: Architecture and Mathematics	--	2016 - 2017	English