



MARGARIDA GAMITO

BIOGRAPHY

Margarida finished the Graphic Design, Interiors and General Equipment degree at IADE – Institute of Art and Design in 1981. In 1983, Margarida Gamito was invited to teach at IADE, where she lectured (1983/2010) most of the subjects related to Graphic Design, Colour and Environmental Design. She was also director of the Curricular Units of Chromatic Analysis, Bi-Dimensional Design, Communication Design and Colour and Environment, and coordinator of the Visual Design Area and the Basic Design Scientific Area. At the same time, she worked in the Atelier “Leal and Medeiros” and in A3 Design, collaborating in projects of great magnitude.

In 2005, completed her MSc Degree in Colour in Architecture, Faculty of Architecture, UTL, and in 2012, in the same faculty defended her PhD in Design. Still in the Faculty of Architecture, Margarida developed a Postdoctoral project, that is included in the research set of CIAUD. She is, also, a founder member of the APCor – Portuguese Colour Association and was President of this Association for the last five years. As President of APCor she was Chair of an International Conference, the AIC Lisboa 2018, which brought to Lisbon a considerable number of world-renowned Scientists and Experts in the field of Colour. Presently, Margarida Gamito is a Full Researcher at CIAUD: Research Centre in Architecture, Urbanism and Design / FA.U.Lisboa, and in this quality, she is a founder member of GI.CorLuz group.

FIELD OF RESEARCH

Master degree Dissertation: Colour in Designer’s Education. PhD Tesis: Colour in Urban Furniture: a factor of Inclusivity, Orientation and Identification. Postdoctoral project: Chromatic Planning for Urban Furniture – development of a project methodology, that continues and completes her PhD thesis. Since 2005 Margarida Gamito has participated, with communications, in several Conferences and Congresses in Portugal and abroad, all related with her research themes, which are mainly related with Colour, Urban Environment, Wayshowing and Inclusivity. At the same time, she published book chapters on the same themes.

CONTACTS

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2023-2027 **Social Housing and UrbanCroma – a factor for integration, identity and sustainability.**

Research Line

Urban Planning, Architecture, Design.

Team

Margarida Gamito (coord.); Fernando Moreira da Silva (FA.U LISBOA); Cristina Caramelo Gomes (ULUSIADA); Cristina Pinheiro (IADE – U EUROPEIA); Vanda Pereira de Matos (FA.U LISBOA).

Abstract

The aim of this project, is to apply the UrbanCroma methodology to Social Neighborhoods, with a main focus on Greater Lisbon, meeting the Sustainable Development Goals (SDGs) defined by the United Nations, namely SDG 11 (make cities and communities inclusive, safe, resilient and sustainable), as well as SDG 17 (strengthen the means of implementation and revitalize Global partnership for sustainable development), also included in the Portugal 2030 Agenda.

Methodology

The research will use a mixed methodology essentially based on literature review, case studies and active research supported by participatory design and co-design, involving, among others, the Residents' Associations of the Social Neighborhoods with which we intend to work, without discarding the support of the respective Municipal Councils.

Project Relevance

It is expected, through the use of UrbanCroma, to develop chromatic proposals for Architecture and Equipment, contributing to the creation of more inclusive and participatory environments.

Results

As a result, we hope to be able to develop projects with the local communities of the Social Neighbourhoods involved that promote the integration and identification and sense of belonging of the inhabitants with the housing space and equipment at their disposal





Dissemination

PUBLICATIONS

2023 Gamito, M.

Colour Materiality and Urban Equipment: Factor of Inclusion, Comfort, and Safety. In Proceedings of the 5th International Conference on Human Systems Engineering and Design: Future Trends and Applications – IHSED, 27-29 September, Dubrovnik.

COMMUNICATIONS

2023 Gamito, M.

(Oral) **Colour Materiality and Urban Equipment: Factor of Inclusion, Comfort, and Safety.** 5th International Conference on Human Systems Engineering and Design: Future Trends and Applications – IHSED, 27-29 September, Dubrovnik. By submission.

Gamito, M.

(Oral) **Mestrado da Cor – 20 anos.** IV LabCor | GI.CorLuz Seminar Retrospective: education, research and practice, 25 May, Lisbon School of Architecture – University of Lisbon. By invitation.



2016-2026 **Colour in Contemporary ART, incident in public demonstrations of wall cladding panels, among others.
Comparative cultural study between Portugal and Brazil.**

Research Line

Urban Planning, Architecture, Design, Colour.

Team

Fernando Moreira da Silva (coord.); Margarida Gamito (FA.Ulisboa); Cristina Caramelo Gomes (ULusiada); Cristina Pinheiro (IADE – UEuropeia).

Abstract

Since the Islamic occupation of the Iberian Peninsula, Portugal inherited the tiles techniques from the Arabs and they became an important part of the Portuguese culture, and, by the mid-20th century, numerous Portuguese Artists and Architects developed a tendency to cover large city spaces with very ornamental tile panels, created on purpose, and including various specific colours and textures, different from the usual, adding reliefs and modifying the tiles dimensions. These large panels cover the walls of viaducts, ramparts, garden walls, among other places, adding colour patches to a monotonous and almost achromatic city scenery. For their dimensions, colours, textures and significance, these panels became a landmark of the city and contribute to the transformation of the city dominant colours nowadays. Since a similar phenomenon occurred in Brazil, the project will establish a comparative cultural study between both countries.

Methodology

The methodology consists on recording and analysing the different panels, both in Portugal and Brazil, establishing cultural comparisons, used materials and finishings, colour pallets, implementing reflection and trying to determine possible similarities that may occur.

Project Relevance

This type of study was never before implemented and there are several bridges that we think it will be possible to establish between the two countries, Portugal and Brazil, and correlations between the urban space, ambiances, atmosphere and colours used on the wall cladding panels.

Results

The project aims to create a database which encompasses the two cases and launch other trans and interdisciplinary research projects within this thematic, linking researchers and research centres in the two countries.





Dissemination

PUBLICATIONS

2022 Caramelo Gomes, C. and Gamito, M.
Chromatic Identity of the urban tile panels: the scenario of Lisbon subway stations. In: Siniscalco, A. (ed.). Colour and Colorimetry Multidisciplinary Contributions – XVII Color Conference: Vol. XVII A. Milão: Gruppo del Colore – Associazione Italiana Colore. pp. 248-256. ISBN: 978-88-99513-18-4; DOI: 10.23738/RCASB.006.



2016 Gamito, M.
Impact of Tiles Panels on Lisbon Chromatic Environment. In: Ivanovic, I (ed.). Color in Urban Life: Images, Objects and Spaces – AIC 2016 Interim Meeting. Santiago do Chile: Asociación Chilena del Color. pp. 395-398. ISBN: 978-956-14-1967-4.



2012-2022 **UrbanCroma: Colour Planning Methodology for Urban Furniture**

Research Line

Product Design, Transversal with Color and Light.

Team

Margarida Gamito (coord.); Fernando Moreira da Silva (FA.ULisboa); Joana Sousa (FA.ULisboa).

Abstract

This research aimed to develop and test a new design methodology for the chromatic furniture that brings continuity to the investigative topic of the PhD thesis. In it, it was established the importance of a designed and structured colour application to urban furniture, allowing the creation of chromatic plans for urban structure, standing out urban furniture from the environment, contributing to its better legibility and transforming it in an identifying element, that facilitates orientation within the city.

Methodology

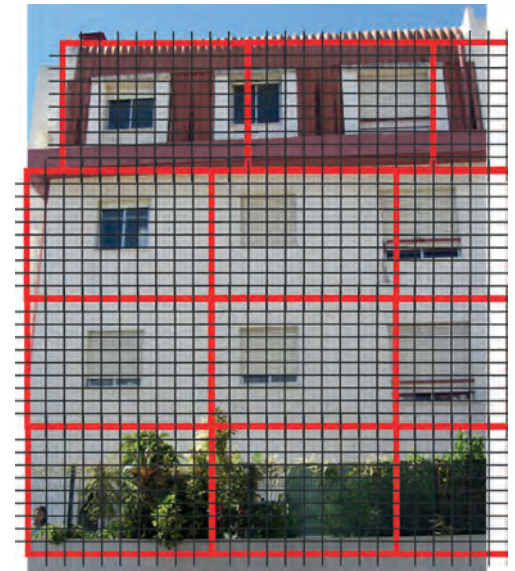
The development methodology was accomplished through active research, focused on case studies constituted of several Portuguese cities. The survey and systematic analysis of the environment chromatism will include present elements with relative permanence in the urban environment, making it possible to create the idea of local colour. It will also be taken into account the perceptual factors related to the interactions of colour, geographical and weather conditions, and also respect of history, local culture and tradition, which significantly distinguishes this methodology from other existing methodologies.

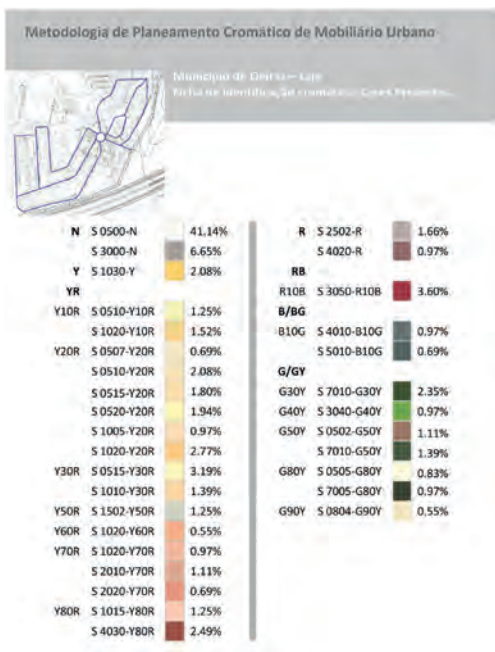
Project Relevance

This project developed a new methodology, UrbanCroma, that can be applied whenever it is necessary to create urban chromatic plans for Urban furniture. UrbanCroma, despite not being developed with this intent, also allows the creation of chromatic plans for architecture and other prospects, that will need to establish contrasts or harmonies with the surrounding environment

Results

This methodology allows the creation of chromatic plans for a wide range of uses, using only the eye of observers and an NCS catalogue, without the need for more sophisticated equipment, which facilitates its application





Dissemination

PUBLICATIONS

- 2022 Gamito, M. and Moreira da Silva, F.
UrbanCroma: Chromatic Methodology applied to Oeiras Municipality, Portugal. In: Rebelo, F. (2022). Ergonomics in Design. Proceedings of the 13th AHFE International Conference. Issue 47, pp. 673-678. ISBN: 978-1-958651-23-0; DOI: 10.54941/ahfe1001997.
- Gamito, M. and Moreira da Silva, F.
UrbanCroma, Chromatic Methodology, the results of a post-Doctora research. In: Siniscalco, A. (ed.). Colour and Colorimetry Multidisciplinary Contributions- XVII Color Conference: Vol. XVII A. Milão: Gruppo del Colore – Associazione Italiana Colore, pp. 200-205. ISBN: 978-88-99513-18-4; DOI: 10.23738/RCASB.006.
- 2021 Gamito, M. and Sousa, J.
New Chromatic Planning Methodology for Urban Furniture. In Durão, M.J. and Moreira da Silva, F. (Eds.) Colour: Urban Space, Architecture, and Design. Vila Nova de Famalicão: Edições Húmus / APCor / LabCor and GI.CorLuz – CIAUD, pp. 22, 143-160. ISBN: 978-989-755-653-1.
- Gamito, M. and Sousa, J.
Nova Metodologia de Planeamento Cromático para Mobiliário Urbano. In Durão, M.J. and Moreira da Silva, F. (Eds.) Cor: Espaço Urbano, Arquitectura e Design. Vila Nova de Famalicão: Edições Húmus / APCor / LabCor and GI.CorLuz – CIAUD, pp. 22, 143-160. ISBN: 978-989-755-651-7.
- Gamito, M. and Moreira da Silva, F.
Chromatic Plans for Urban Furniture: The Case of Multicolored Urban Zones. In Advances in Ergonomics in Design. AHFE 2021. Lecture Notes in Networks and Systems. Rebelo, F (Ed). Cham, Switzerland: Springer International Publishing, pp. 127-133. DOI: 10.1007/978-3-030-79760-7_16.

PROJECTS

2010-2012 **Colour in Urban Furniture — a factor for inclusivity, orientation and identification.**

Research Line

Urban Planning, Design, Inclusivity.

Team

Margarida Gamito (coord.); Fernando Moreira da Silva (FA.U.Lisboa)

Abstract

This Research Project aims to establish the importance of a pertinent colour application to signage and urban furniture that will become an effective way of highlighting these environment elements, contributing to a better visualization and becoming a factor of inclusivity. The chromatic unification of these elements will also ameliorate the identification of the different areas of the city, differentiating each neighbourhood with chromatic options related to the symbolism and history of those same areas, without compromising their legibility. This chromatic differentiation will also help to facilitate the orientation of the urban population, be they residents or visitors.

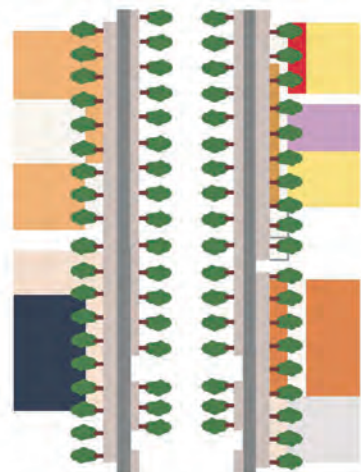
Methodology

The focus of the study was focused on the City of Lisbon, seeking to establish the deficiencies that exist here in the colour application to signage and urban furniture, comparing with what has been done in other cities, in which this problem may have been resolved satisfactorily, and suggesting appropriate solutions. In addition, three different focus groups were chosen, in order, to validate the colour options for each neighbourhood. All focus groups addressed the issue of visibility and colour application to street furniture in two ways: The first approach was a visit to the three neighbourhoods, included in the Case Study, to assess the visibility conditions of the urban furniture present in the locations. In sequence, they were presented with the applications of the chromatic proposals, to evaluate and discuss the changes and improvements caused by the colour. A triangulation of all data collected was carried out, as well as a final literary review, in order to evaluate and validate the research results. which were intended to be a real contribution to knowledge.

Project Relevance

This project is intended to be a real contribution to knowledge.





Results

The project resulted in the obtainment of a Doctorate Degree, and consequent results dissemination of the results obtained through public presentations at specialty Congresses and Conferences and publications.

Dissemination

PUBLICATIONS

- 2020 Gamito, M. and Moreira da Silva, F.
New Chromatic Planning Strategies for Urban Furniture. In Advances in Ergonomics in Design. Rebelo, F. and Soares, M. (Eds). Cham, Switzerland: Springer, pp. 83-89. DOI: 10.1007/978-3-030-51038-1_12.

COMMUNICATIONS

- 2022 Gamito, M.
 (Oral) **UrbanCroma, Chromatic Methodology, the results of a post-Doctoral research.** In: Colour and Colorimetry Multidisciplinary Contributions- XVII Color Conference. 12 de Setembro, Florença. By submission.
- 2019 Gamito, M.
 (Poster) **Chromatic planning for Urban Furniture: Development of a Design Methodology.** In CIAUD Ongoing, 24 April, Lisbon School of Architecture – University of Lisbon.

