CITIES IN A CHANGING WORLD:
QUESTIONS OF CULTURE, CLIMATE AND DESIGN

• Paper / Proposal Title:
Designing in waterfront expectant areas

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• Abstract (300 words):
The focus of this work is to establish applied and morphological research on very particular urban fabrics in the metropolises of Lisbon and Barcelona. Objectively, these are two expectant areas located on the limits of their central cities, considering both their administrative and physical borders, fundamentally marked by their waterfronts, and which open up to different scenarios of critical and project appropriation.

In Lisbon, this area is formalized by the Pedrouços docklands, an area of the riverfront, formerly occupied by the activities of the Port of Lisbon, located in the western part of the city, formalizing the border with the municipality of Oeiras and assuming itself as a potential space for multiple transformations.

In Barcelona, the view falls on part of its promenade, especially on the land occupied by the building of the old Sant Adrià Thermal Power Plant, located on the left bank of the
Besòs river, on the municipal boundary of Sant Adrià de Besòs, and it is also defined as a strategic area for contemporary reflection.

The objectives are the understanding of the phenomenology related to terrain vague and waterfronts and the development of different urban and territorial qualification scenarios for them. The research methodology used consisted of defining the object of study and the hypothesis and, the technique used was "Research by Design". The hypothesis that has been worked with is that the urban qualification scenarios in these areas are open and admit different morphological, density and layout typologies.

In short, it is intended to address both the debates on rehabilitation policies in the inherited and canonical city, and the particular morphological problems with respect to the city-territory with which these areas are adjacent. The reflection ends with a set of designing proposals and intervention strategies that point out possible scenarios of new urbanity, capable of binding the surroundings and highlighting their relationship with water.

• Author(s) Biography (200 words each):

**Pedro Bento** is a Junior Researcher at the Architecture, Urbanism and Design Research Center- CIAUD - TU Lisbon. He holds a Degree in architecture from the TU Lisbon (2004), a Msc in Urbanism (2012) and a PhD in Urbanism (2015) both from the Urban Department of the Universitat Politècnica de Catalunya (DUOT - UPC), recently he finished his Post-Doc in Architecture from the TU Lisbon (2019). Simultaneously, he worked at different practices, both in Portugal and Spain, and at the Urban Planning Department of the Municipality of Lisbon (DMPU-CML). He made numerous contributions in the area of collective and public spaces, and specifically about shopping centres and their impact on the compact city, both mainly presented in the countries mentioned before. Although the researcher’s scientific and curricular path may be short (as less than five years have elapsed since he praised, cum laude, his PhD thesis), it has been particularly intense, if one considers the whole scientific and technical activities carried out. Nevertheless, the major contribution made by the candidate to his scientific area was, in fact, his doctoral work (scored with the highest classification and awarded the mention of international doctor - URI [http://hdl.handle.net/2117/98090](http://hdl.handle.net/2117/98090)).

**Margarida Louro**, Lisbon, 1970. She graduated in Architecture from the Faculty of Architecture of the Technical University of Lisbon (FA-UTL), in 1993, where she obtained a master’s degree in Contemporary Architectural Culture and Construction of the Modern Society, in July 1998. In April 2005, she ended the PhD Program in Urbanism at the Escuela Técnica Superior de Arquitectura de Barcelona (ETSAB), with the defense of the PhD thesis WWW.CIUDAD.CONSUMO. The impact of the Consumer Networks in the reorganization of the contemporary urban space of the Metropolitan Area of Lisbon,
obtaining a PhD degree from the UPC (Universidad Politécnica de Catalunya). Developed post-doctoral research under the theme ACT_ Metamorphosis and Contemporary Urban Transformation, in partnership with ETSAB-UPC at FA-UTL. Since 1997 she is a professor at FA, being a member of the Department of Architecture, Urbanism and Design Project where she has taught disciplines of architectural design. She was an elected member of the Scientific Council of the Faculty of Architecture. She has been a permanent member of CIAUD since July 2006, having developed scientific research activities in several projects. She is a critical reviewer of several scientific journals on architecture and urbanism, as well as supervisor of several theses for the final master's project. She has published several works in books, magazines and journals with peer review.