

BOOK OF ABSTRACTS



VENICE CHARTER

(RE)FRAMED 1964-2024
NEW HERITAGE CHALLENGES

27-30 MAY '24

SCHOOL OF ARTS AND HUMANITIES,
UNIVERSITY OF LISBON



SEBASTIAN FAGARAZZI | VENEZIAAUTENTICA.COM

This work is financed by national funds through FCT – Foundation for Science and Technology, I.P., in the scope of the project UIDB/04189/2020 [ARTIS – IHA]

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Contribution for digital documentation of modern heritage: Álvaro Siza's Borges & Irmão Bank in Vila do Conde (1978-86)

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Digital Revolution is strongly impacting the safeguarding of Cultural Heritage through the techniques and tools available for its documentation and communication. Specifically, modern heritage is a potential fertile laboratory of work in this field because of the availability of the documental, physical, and oral sources required for its critical study and interpretation.

This article aims to present the digital documentation of Álvaro Siza's Borges & Irmão Bank in Vila do Conde (1978-86), inscribed on the World Heritage Tentative List in 2017. The 15-year construction process remains unexplored, expressing the complexities of the Portuguese political and social landscape and the continuous interactions with the client. While spatial aspects have received ample attention, little focus has been directed towards the tectonic perspective (its material and construction features), despite Álvaro Siza's global recognition.

The methodology is framed within the SizaATLAS research project (FCT) and supported on combined techniques for the comprehensive digital documentation of modern architecture implemented on 18 buildings of Álvaro Siza included in the World Heritage Tentative List since 2017 supported on combined techniques: i) photogrammetry; ii) virtual tours through 360° photos; iii) didactic models in BIM. This integrated approach provides better documentation and communication of the attributes of the Outstanding Universal Value, and of Álvaro Siza's design principles as a guiding framework for the future management of change.