

3D SIMULATION FOR THE FORMER SÃO JOÃO DA BAHIA THEATER IN THE CONTEXT OF SALVADOR-BAHIA IN THE 19TH CENTURY

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ABSTRACT

This article describes the development of the São João da Bahia Virtual Museum, a project consisting of a three-dimensional (3D) modeling and imaging program that recreates beyond the theater, the region where today Castro Alves Square (formerly Sé district). This Virtual Museum takes the visitors to the historical center of the capital through Salvador in the 19th century, simulates chatting with the public and getting to know the political and artistic icons of the time, for example, the Emperor Dom Pedro II, the poet Castro Alves, the musician Carlos Gomes and the actor and singer Xisto Bahia. The old cultural Theater began to be built in 1806 and was inaugurated in 1812. The Soteropolitan place was the first large Brazilian theater, with a sitting capacity for about 2 thousand people.

The 3D simulation of the São João da Bahia Theater has its implications for teachers, students and researchers of History, Geography, Portuguese Language, Mathematics, Music, Arts, Architecture and other teaching and learning processes to learn various aspects of the São João da Bahia Theater and the city of Salvador during the 19th century.

Keywords: 3D Simulation, virtual museum, design basic research, socio-construtivism, Lev Vygotsky, São João da Bahia Theater.