

# FRANZ FISCHNALLER

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## VJ-BR-Project

Project Title: **A Virtual Journey with the BRONZI DI RIACE** (VJ-BR-Project)

Concept and design by Franz Fischnaller



VJ-BR-Design. Copyright by Franz Fischnaller © 2016

This document contains the DH research and conceptual design of the VJ-BR Project, a **WORK IN PROGRESS**.

Disclaimer

I hereby specify that I don't own any of the images related to the Bronzi di Riace

## Introduction

A Virtual Journey with the Riace bronzes (VJ-BR-Project) is an exhibit based on the Bronzi di Riace.

The project aims at the development of a Cultural Heritage (CH) cross-disciplinary exhibit with advanced design solutions for the fruition of the Riace bronzes (Bronzi di Riace).

The Riace bronzes (Italian **Bronzi di Riace** ['brondzi di ri'a:tʃe]), also called the Riace Warriors, are two famous full-size Greek bronzes of naked bearded warriors, cast about 460–450 BC[1] and found in the sea near Riace in 1972. The bronzes are currently located at the Museo Nazionale della Magna Grecia in the southern Italian city of Reggio Calabria, comune (municipality) in the Province of Reggio Calabria in the Italian Region Calabria, Italy.

The project aims to use and incorporate digital media and technologies, systems and methods of computer-vision, science and technology of imaging, combined with advanced visualization and simulation embracing an interdisciplinary and creative-based design across the fields of history, archaeology, cultural heritage, humanities and social sciences, to use contemporary design and creative new technology, which can provide context and possibilities for cross disciplinary approaches and novel design of digital heritage experiences for engaging audiences in the cultural heritage learning and communication.

### The exhibit is articulated in two sections

Section 1: Bronze of the Riace: Discovery, significance, restoration, conservation (scientific viewpoint)

Section 2: Beyond the Bronze of the Riace: Virtual storytelling, enigma DH heritage metaphors and mythologies (DH Hypothesis)

### Sections Themes

Section 1: Bronze of the Riace: Discovery, significance, restoration, conservation, with focus on the Bronze of the Riace discovery, archaeological, historical and cultural significance, implications and the artefact restoration.

Section 2: Beyond the Bronze of the Riace: Virtual storytelling, heritage metaphors and mythologies with focus on the Bronze of the Riace creation Beauty, Aesthetics, archaeological values, mystery, mythologies, origin, history, cultural and heritage context.

### Sections components

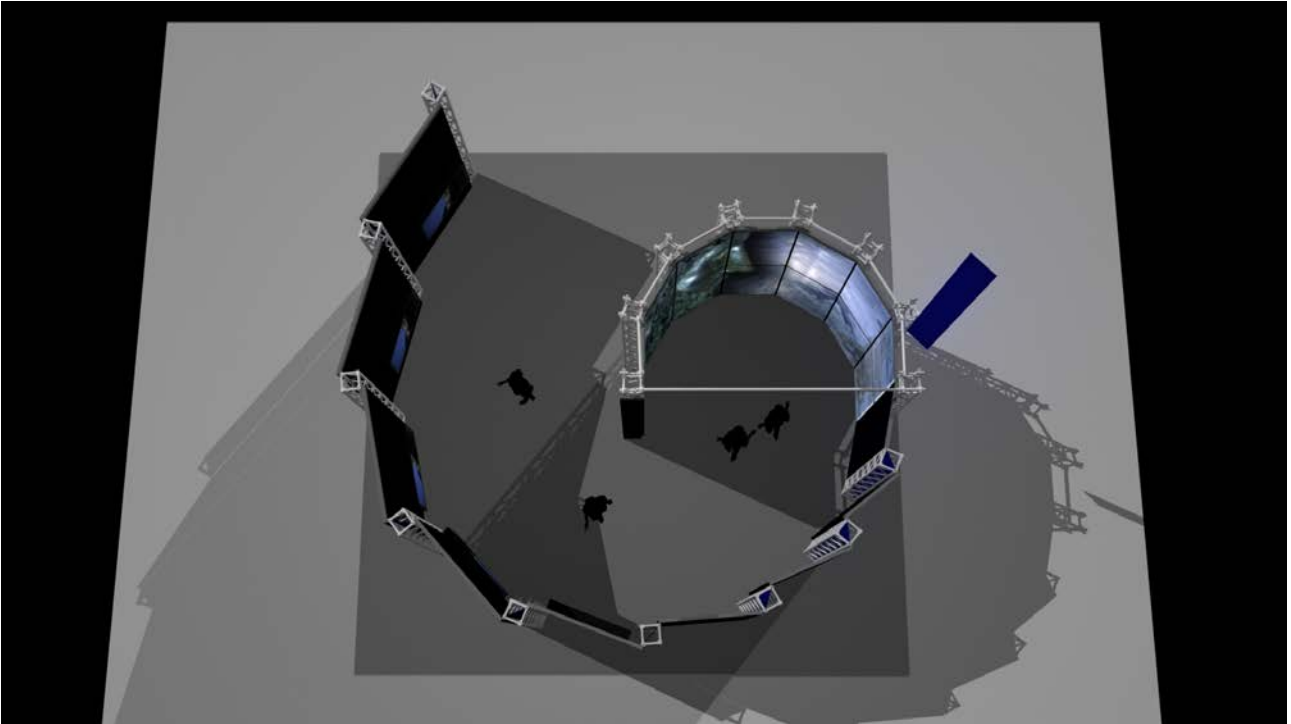
Each section is articulated by two components. One related to the exhibit and installation and the other to the content design. This can describe as follows:

1. **New Media Exhibit Concept/ Design, scenography, technology**: design and conception of the integral system and solution that combines an articulated a set of new media, creative design solutions (i.e. exhibit design, scenography and technology, *high resolution projection and visualization system*).
2. **VJ-BR project – Audiovisual Content: Concept and design** (l. e. digital storytelling, virtual narrative, digital an animation film, High definition visual content), based on the Bronze of the Riace.

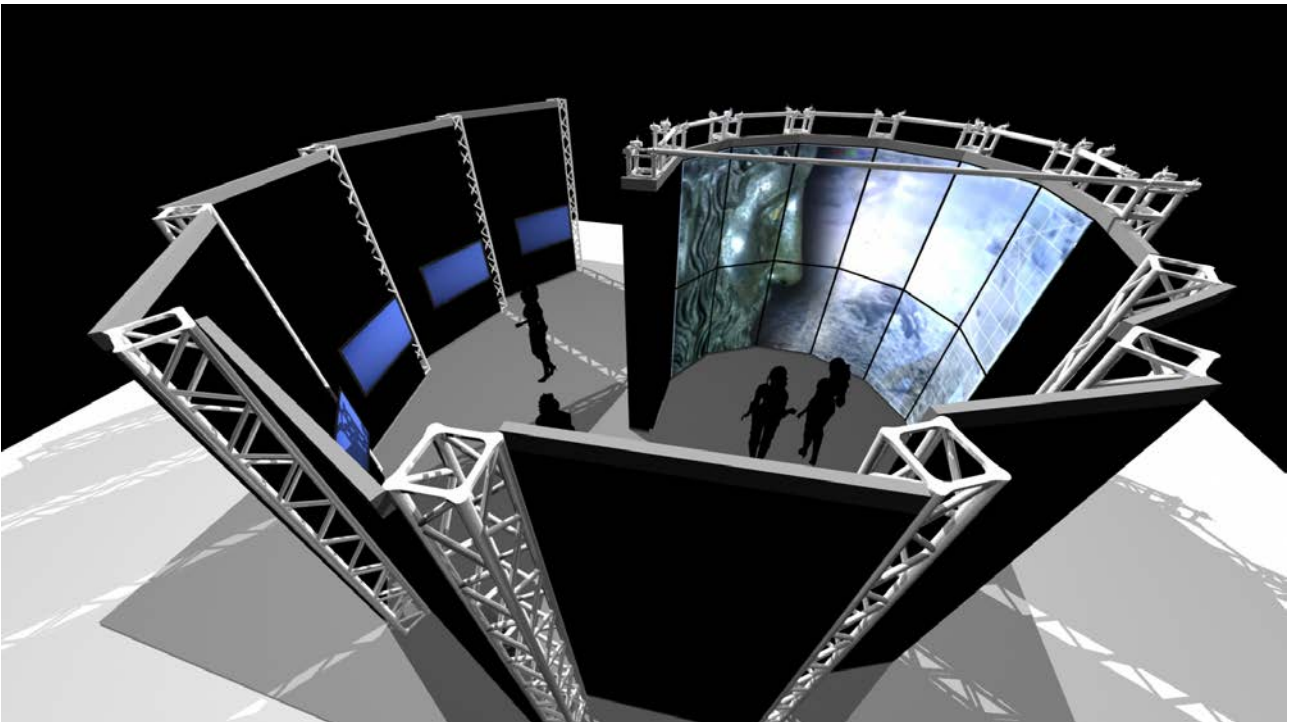
The audiovisual content with its relative thematics, shall be distributed in the two sections and ) integrate in the specific technical setting, display an installation designed ad hoc for each section to be installed in the physical space in- and outside cultural spaces and adapted to the given constraints of each space.

# VJ-BR-Project – Version 1

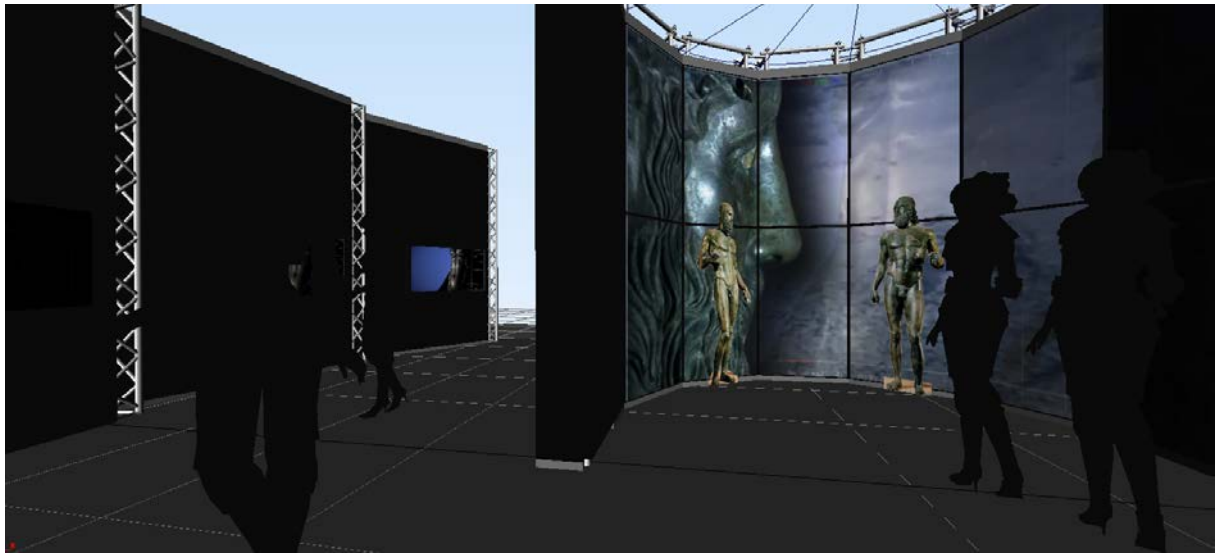
CONCEPT DESIGN by Franz Fischnaller



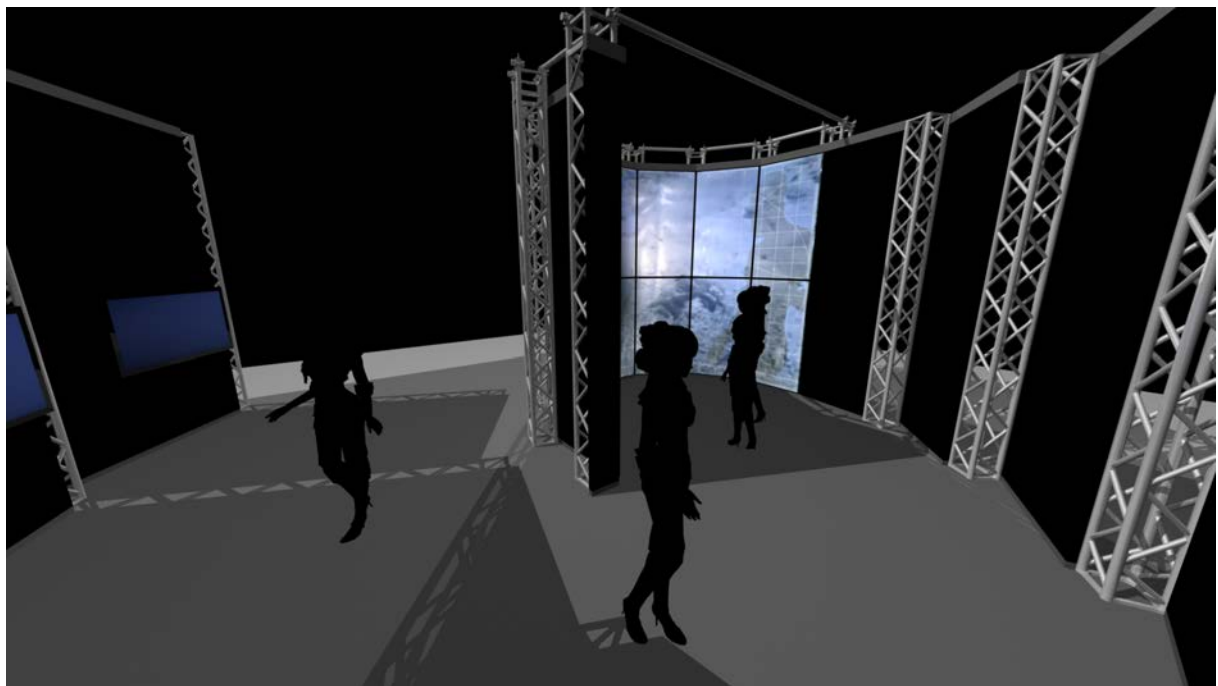
i. Top-view of spiral setup



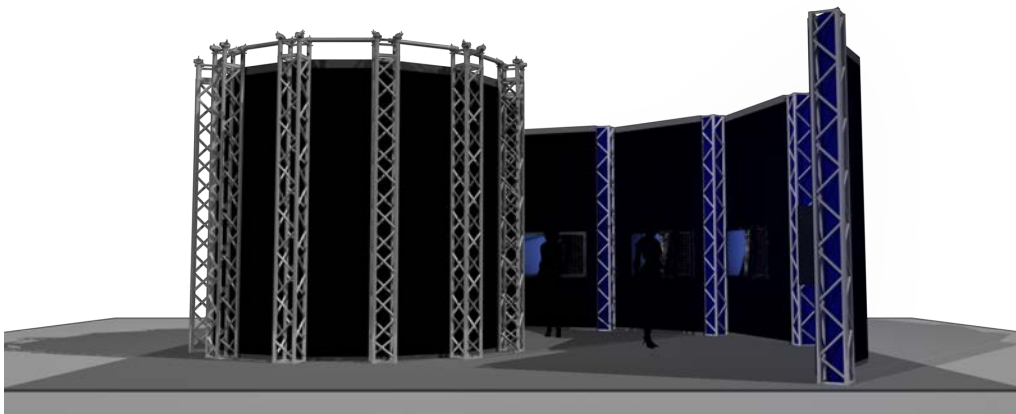
ii. Perspective View of spiral setup 12 x 88" screens



III. Perspective View of spiral setup



IV. Perspective View of spiral setup



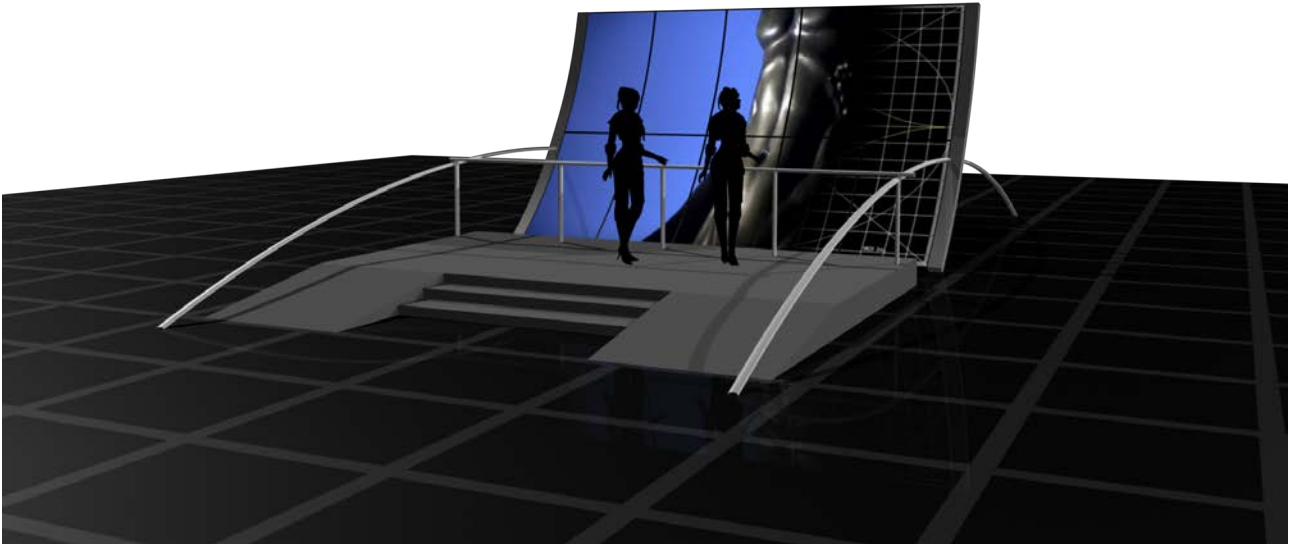
v. Perspective View of spiral setup

# VJ-BR-Project – Version 2

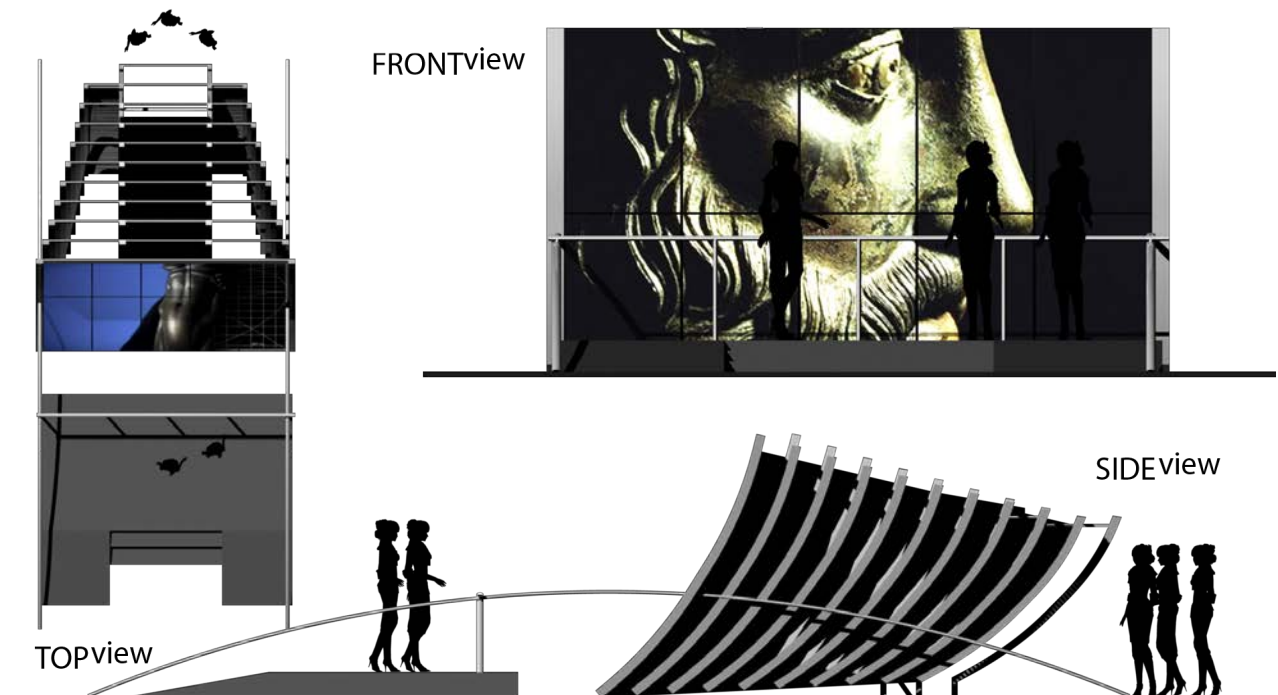
**CONCEPT DESIGN** by Franz Fischnaller

*This is a setup for an itinerant portable installation that can host a high resolution Tiled Display and a Hologram Display that can project the Masterpieces “Bronzi di Riace” in it's original size.*

*This installation can be installed in a space of 12 x 6 mt.*



vi. Perspective View of High Resolution tiled display



vii. Top-, Side- and Front View of the “portable” structure (12 x 6 x 3 mt)

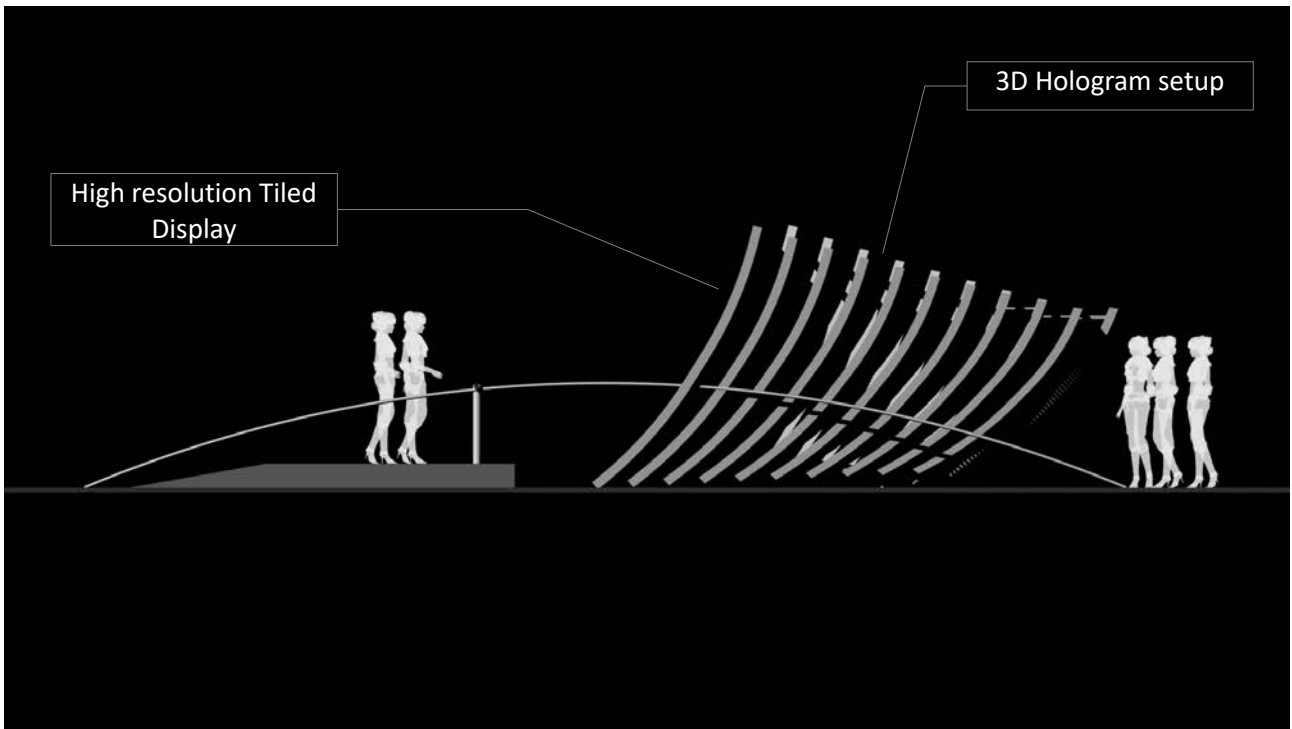




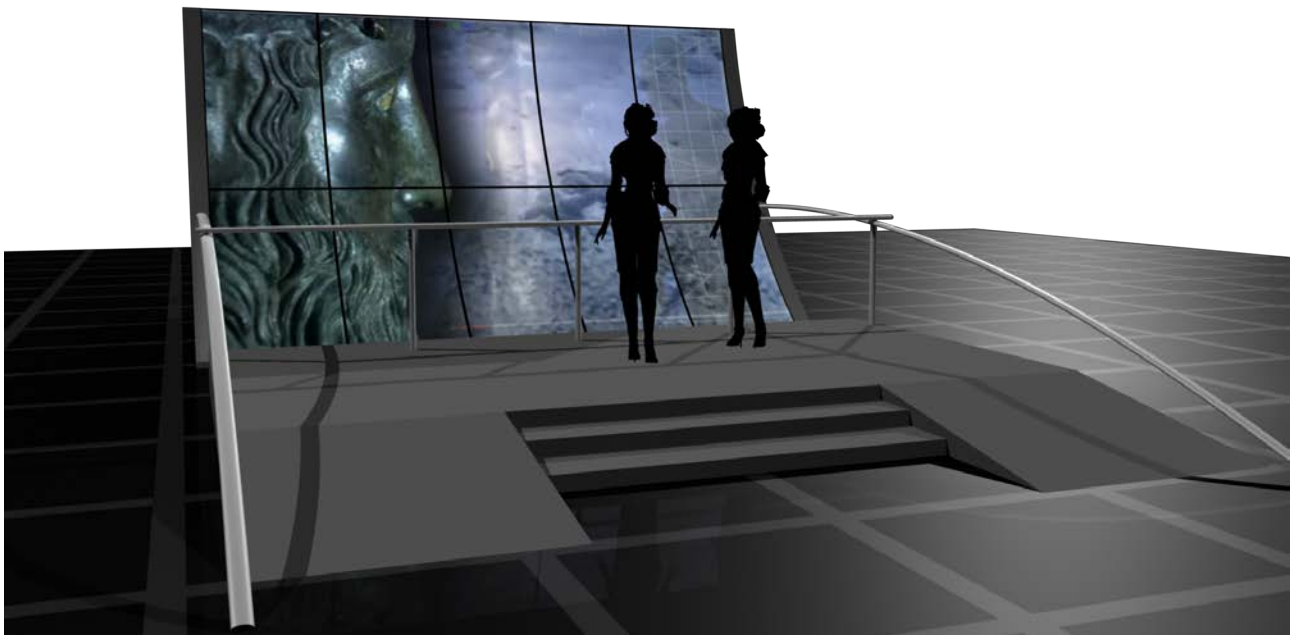
viii. Front View (6 x 3 mt)



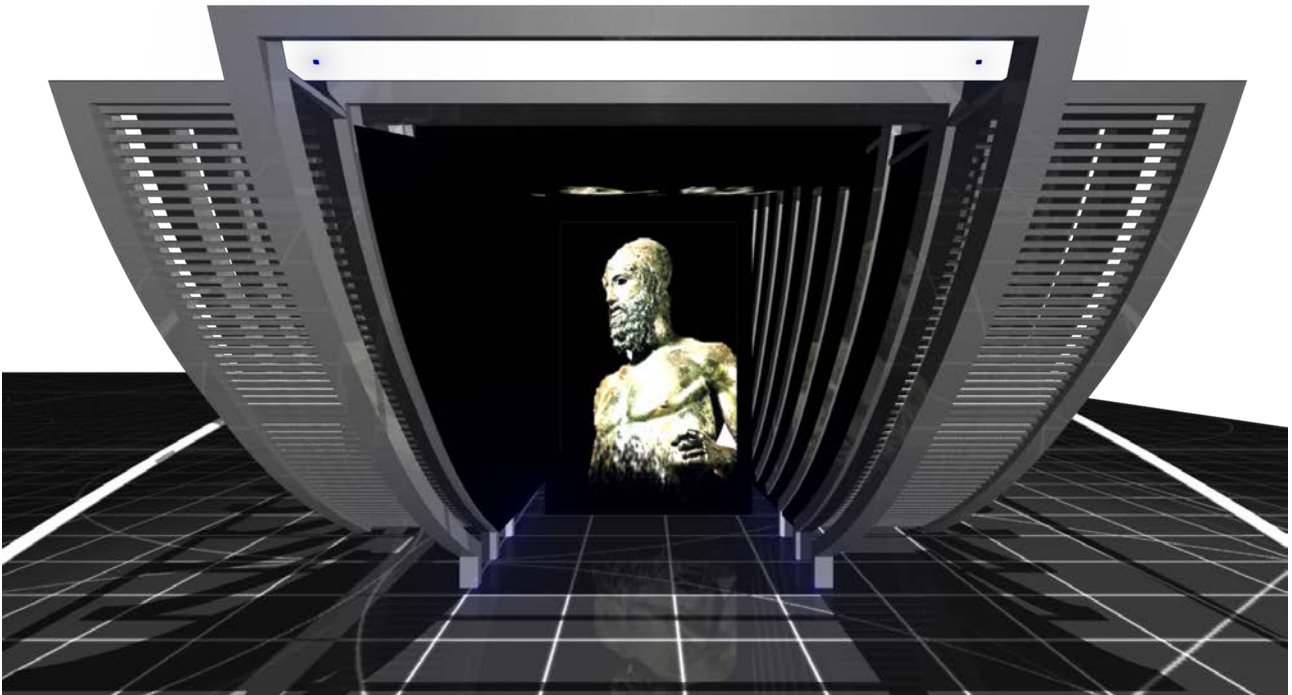
ix. Frontal View with stairs, handles and ramps



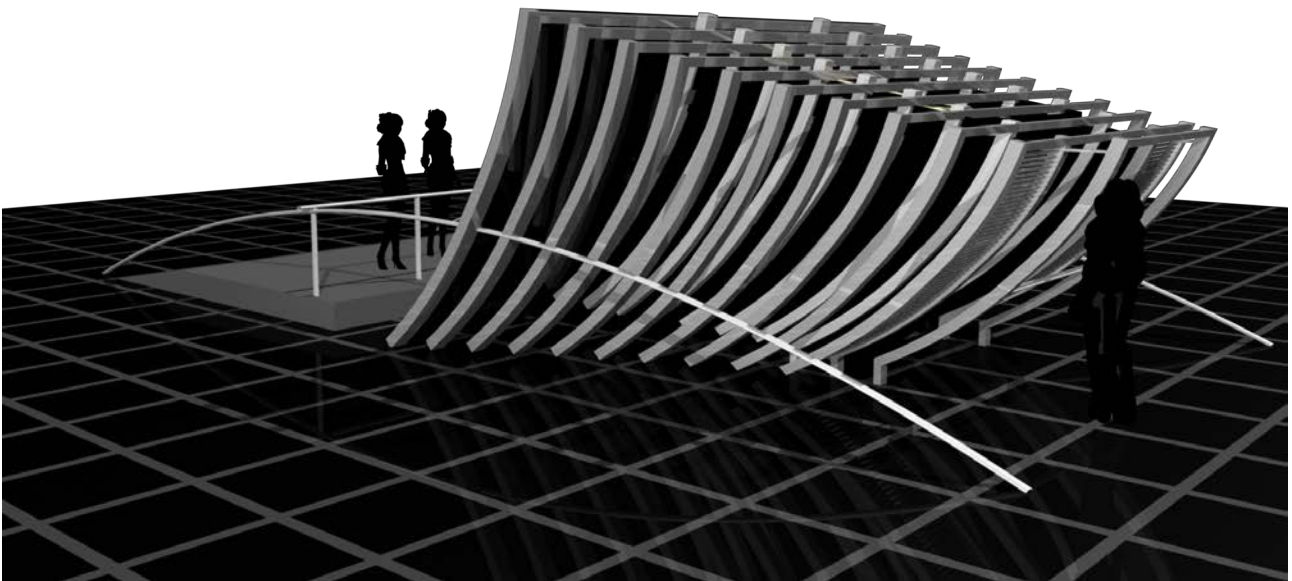
x. Side View schema (12 x 6 x 3 mt)



xi. Perspective View of Front screen setup  
 (10 Curved SAMSUNG UN78JS9100 Curved 78Inch, 4K Ultra HD Screens)

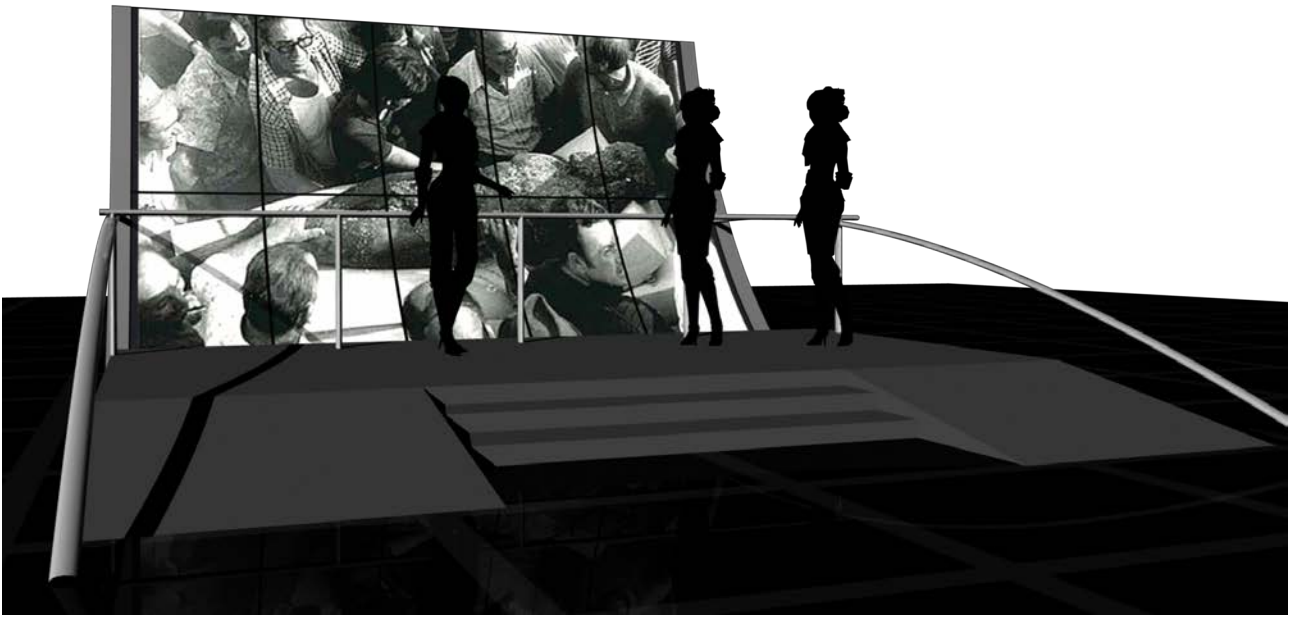


xii. Perspective View of Hologram – Projected image 150x200 cm on a 180 x 300 cm setup

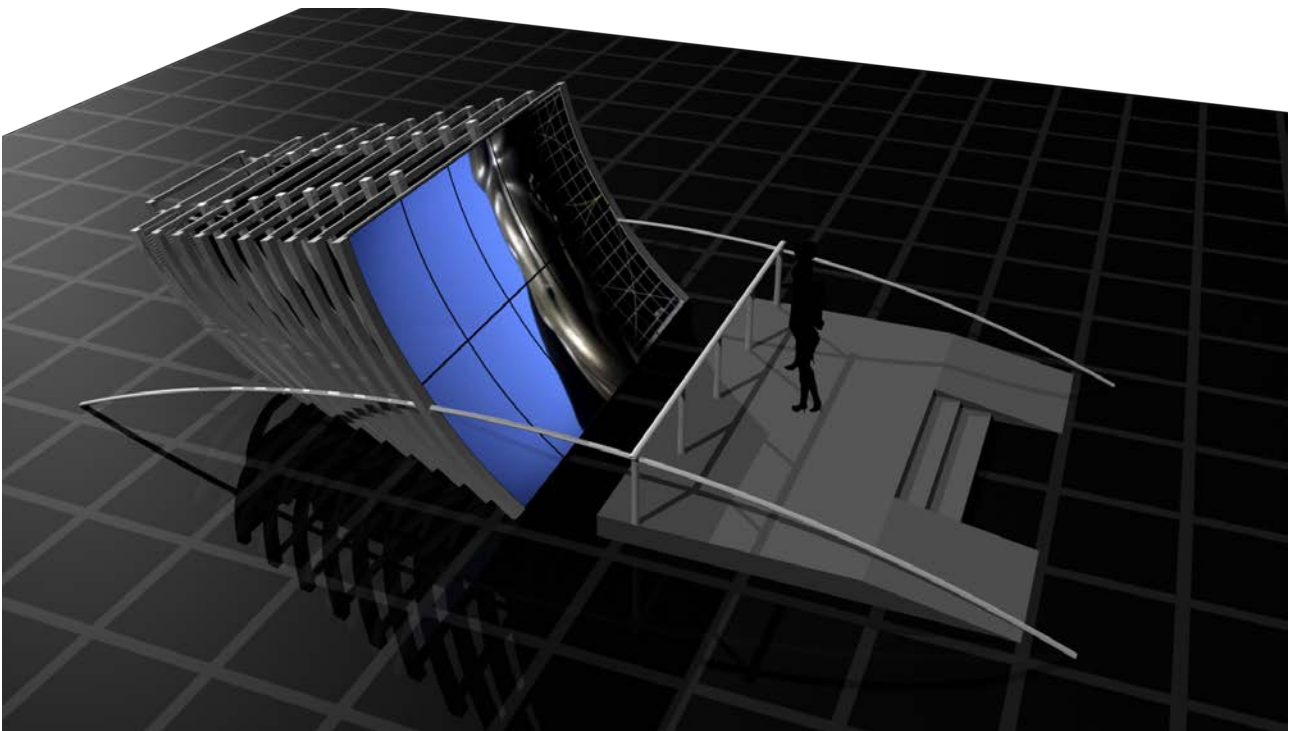


xiii. Side View of Hologram – setup

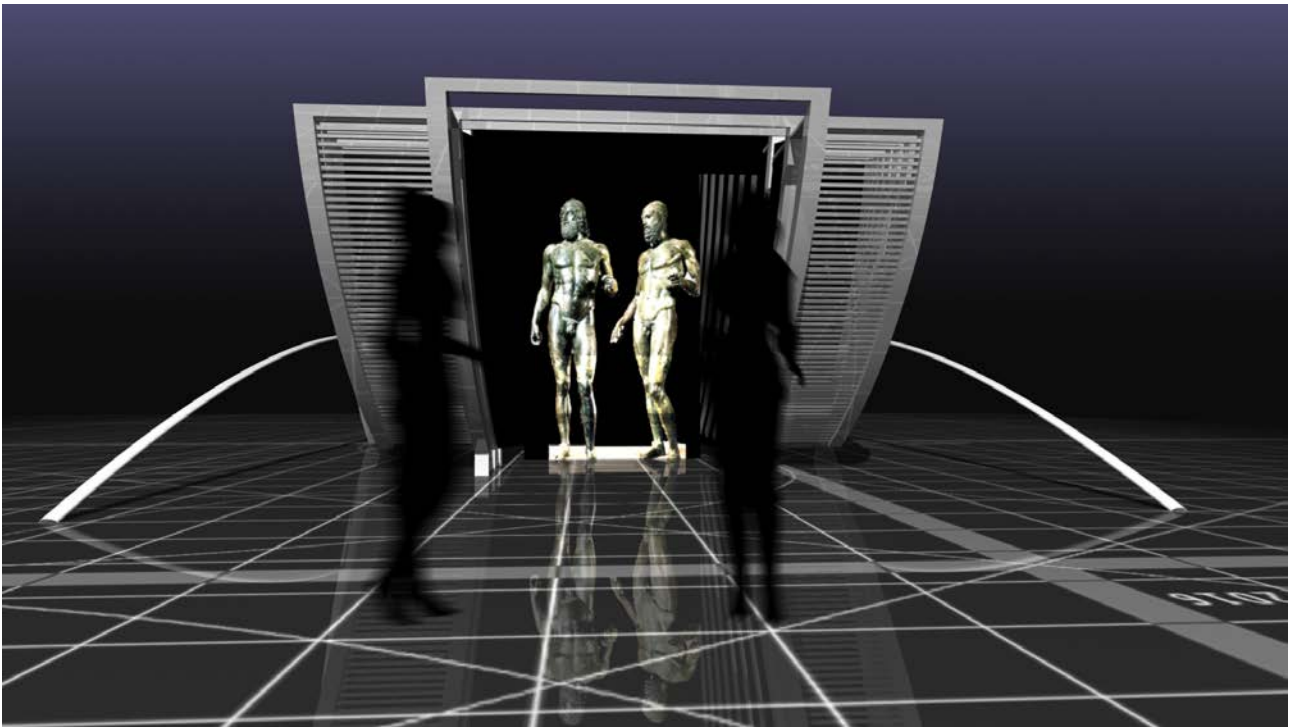




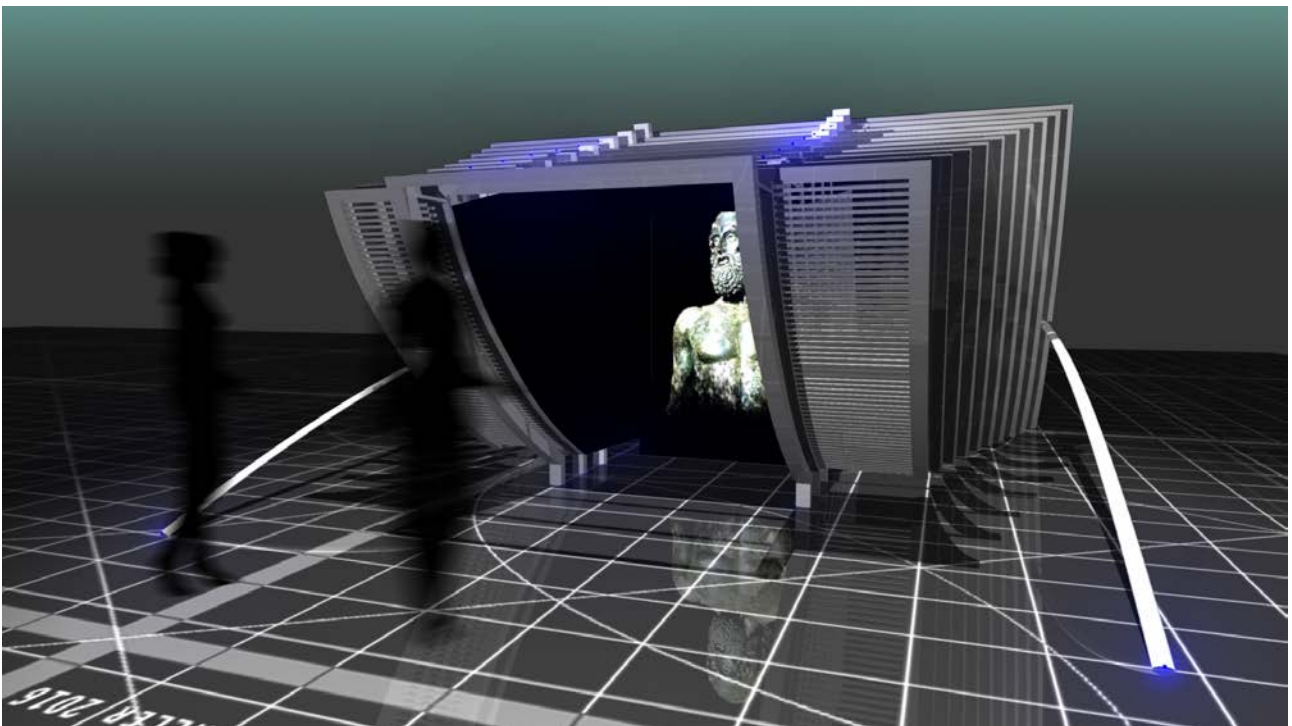
*xiv. Perspective View of Curved tile display*



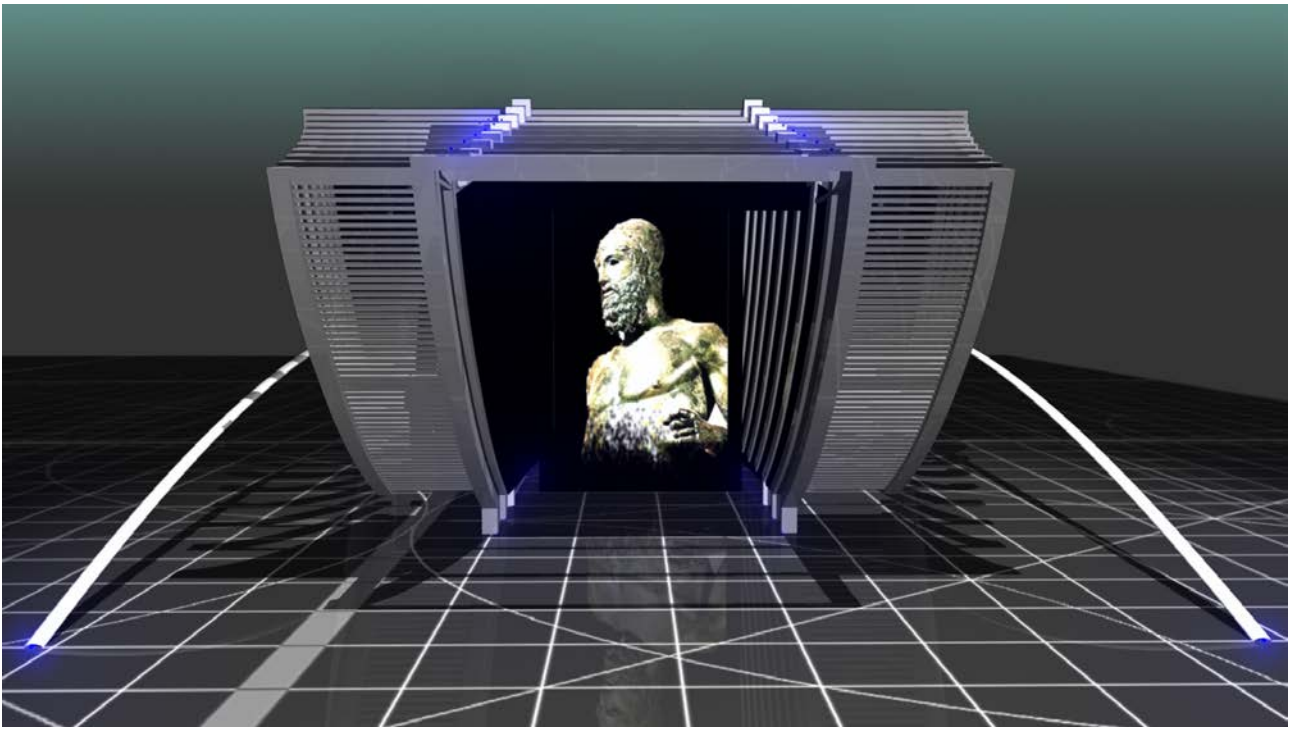
*xv. Perspective View Curved tile display and Hologram structure*



xvi. View to Hologram structure



xvii. Perspective View of Hologram structure



xviii. Frontal View of Hologram structure



xix. Curved Samsung Screen SAMSUNG UN78JS9100 Curved 78Inch, 4K Ultra HD Smart LED TV

The Curved Screen design provides a greater sense of depth and great offangle viewing, great view for multiple viewers

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