



THE LAST SUPPER INTERACTIVE by Franz Fischnaller

Press release

August 2023

OPENING: Deep Space 8K of Ars Electronica Center, Linz, Austria – Ars Electronica Festival 2023 Sept. 6 -10th 2023

The LAST SUPPER INTERACTIVE (LSI) an 8K-3D stereo Immersive interactive VR journey into Leonardo da Vinci's Last Supper and to the historical and architectonic scenario where the masterpiece has been created will debut in Deep Space 8K. A spectacular 3D-8K stereo multi-user immersive projection space of 16x9 MT wall and floor projection with laser tracking, for interactive, stereoscopic and high-definition content, that can host up to 160 persons simultaneously.

The opening will take place at the Ars Electronica Festival on Sept. 6 -10th 2023 – during the Ars Electronica Festival 2023 entitled “Who owns The Truth?”.

PROGRAM: Deep Space – Ars Electronica Center, Linz, Austria

Pre-opening: Tuesday 05th September 2023 -21:00

Opening Premiere: Friday, 8th September 2023 -16:00

Presentation by Franz Fischnaller (IT), Prof. Paola Salvi, renowned scholar of Leonardo da Vinci. Academy of Fine Arts of Brera, Milan (IT) and **Lucia Panini**, President of Haltadefinizione, Modena (IT). Special guests: **H.E. Mr. Stefano Beltrame** (Italian ambassador to Austria, **Mr. Gabriele De Stefano** (Counselor/Deputy Head of Mission) and **Mr. Nicola Locatelli** (Director of the Istituto Italiano di Cultura).

LSI will run until Sept. 2024 in the Deep Space 8K at the Ars Electronica Center .

More about the LSI

The immersive nature of the LSI application enables users to gain deeper insights of the narrative, symbolism, perspective, composition and techniques behind the Last Supper enhancing their knowledge and appreciation of the masterpiece, created by Leonardo between 1495 and 1497, commissioned by Ludovico Sforza, Duke of Milano as part of a plan of renovations to the church of Santa Maria delle Grazie and its convent buildings.

In the LSI visitors can be virtually transferred “inside” the Last Supper, be fully immersed within the three dimensional compositions and multi perspective pictorial space of the painting, explore and interact in real time from the inside, front and behind. As well as from different viewpoints, collocation, height, distance and perspective over the full 360° range in high resolution zoom-in capabilities, up to a square millimeter. Likewise, visitors are driven into the full picture, teleported into the setting where the narrative events unfold, where the story can be felt and wholly experienced. There", where Leonardo created his masterpiece: The Convent of Santa Maria delle Grazie, located in Milan, Italy. An architectural complex including the Convent the Church, a cloister and its garden, today a **UNESCO** World Heritage Site.

LSI uses the highest resolution photograph in the world made of the Last Supper painting by Haltadefinizione. A 21-billion Gigapixel image, stitched together with 1042 panoramic images of the 460x880 cm mural painting. Further, a high-resolution 3D digital data acquisition by laser scanning (in-/exterior) of the architectural complex of the Dominican monastery of Santa Maria delle Grazie (SMG) (i.e. the monastery, the church, the cloister, the garden and the Piazza – never done before – was carried out ad hoc by the Department of Mechanics of the Polytechnic of Milan. In addition, the painting was digitally replicated with CG-3D models including Christ and the apostles the three dimensional environment of the painting and surrounding architecture, the perspective structure and composition, the room and ceiling in the back of the apostles.

ALBERTI'S THEOREM VIRTUAL TOOL (ATVT) an augmented virtual immersive interactive learning device, inspired by Leon Battista Alberti's rules of linear perspective, was designed for the LSI project, serving as an interactive tool for the user to experience in real-time how Leonardo applied the linear perspective in his masterpiece

| LSI Trailer-Demo | LSI webpage | Franz Fischnaller (FF) | About Deep-Space 8K | Ars Electronica Festival 2023 |
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| https://youtu.be/7Q5PRubUK3E | https://franz-fischnaller.com/last-supper-interactive-by-franz-fischnaller/ | https://franz-fischnaller.com/sample-page/ | https://ars.electronica.art/center/de/exhibitions/deepspace | https://ars.electronica.art/who-owns-the-truth/en/ |

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