Immersive Interactive Audiovisual Installation

VIBROTANICA

Basic Concept

"Vibrotanica" is an interactive and immersive audiovisual artwork conceived by contemporary artist Jérôme Li-Thiao-Té. This project explores the interactions between humans and plants by transforming the bio-signals of plants into visual and auditory stimuli. Visitors interact directly with the plants, generating a unique sensory experience that combines art, science, and technology to raise awareness about biodiversity and the relationship between humans and nature.

Audiovisual Components

The project uses bioelectrical sensors to capture the micro-electrical variations in plants through the "Vibrotanica box," a device designed by the artist himself. These signals are then transformed into data to generate real-time sounds and visuals. The installation features an immersive sound system, high-definition video projectors, and a complex software interface that enables the creation of ambisonic visuals and sounds. These technologies work together to create an immersive atmosphere where each interaction between the visitors and the plants triggers a unique audiovisual response.

Themes and Messages

"Vibrotanica" is an artistic and technological exploration that immerses the audience in the profound and symbiotic relationship between humans and plants. This installation not only aims to raise awareness about the importance of the environment and biodiversity but also seeks to evoke strong emotions related to empathy, the fragility of our ecosystem, and the intimate connection between humans and nature.

The goal is to foster enlightened awareness and mindfulness of our place within the natural universe. The installation highlights the universality of the bond between all forms of life while inviting an inner transformation, subtly altering the audience's perception to better understand the impact of our actions on the environment. Through this geopoetic, collective, and educational experience, "Vibrotanica" aspires to strengthen this fragile yet powerful connection with nature, creating a moment of reflection, wonder, and transformation.

In addition to raising awareness about biodiversity preservation, the work offers a fusion of science, art, and nature, transforming the bio-signals of plants into audiovisual stimuli. This allows visitors to experience an immersive environment where they can directly interact with the plants, promoting a socially enriching and inclusive experience.

Target Audience

"Vibrotanica" targets a broad spectrum of participants, making the experience accessible and engaging for a diverse audience. The project places special emphasis on including marginalized or underserved groups by leveraging the strong sensory dimension of the installation, which engages touch, sight, and hearing. This sensory aspect ensures that individuals with specific needs can partake in a unique immersive experience.

Additionally, the work is designed for an intergenerational audience, aiming to foster connections and the sharing of memories, stories, and experiences across generations. It creates a space where people of all ages can come together, interact, and share a common experience, thereby strengthening familial and social bonds through the exploration of nature.

Staging and Scenography

The staging of "Vibrotanica" is meticulously designed to amplify the connection between the ordinary and the extraordinary. The solemn lighting, focused on the plants, creates an intimate and familiar atmosphere, evoking the common imagery of potted plants, grounding the work in something recognizable for the audience.

Simultaneously, large-scale visual projections immerse the audience in the plants' reactions and their interactions with the immediate environment, including the public. These visuals, layered within the viewer's field of vision, allow for a deep immersion into the symbiotic relationship that develops within the installation.

The use of fog machines adds a sensory dimension by mimicking the humidity of tropical forests, enhancing the experience. The biological data capture system, designed by the artist, is highlighted, emphasizing the technological link that deserves everyday awareness. Finally, the sound diffusion system is intentionally made "invisible" to keep the audience's focus on the interaction between the plants and the audio-visual elements, ensuring a seamless immersive experience.

Objectives and Impact

The ultimate goal of "Vibrotanica" goes beyond offering an immersive and spectacular experience of high artistic and technical quality. The work aspires to have a profound impact on the audience's ecological and artistic consciousness. By exploring the relationship between humans, living organisms, and technology, it aims to transform the way each individual relates to the natural world while encouraging reflection on the use of technology in daily life. The installation seeks to foster a deeper and more respectful awareness of living beings, as well as a critical reflection on how technology is integrated into our interactions with the environment.

Logistics and Technical Requirements

See technical rider.