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INFINITE: IMMERSIVE SPACE ART EXHIBITION - EXPLORATION AND PRACTICE OF
CROSS-DISCIPLINARY IMMERSIVE EXPERIENCE

Abstract

Space art is an interdisciplinary fusion art form with rich aesthetic and scientific connotations. Transcending traditional modes of expression, a multidimensional, multi-medium, and multisensory exhibition offers an immersive journey into space technology and cultural art. Such an experience not only inspires public enthusiasm but also significantly deepens their understanding of space.

By uniting experts from various industries including artists, scientists, engineers, and software developers, we amalgamate traditional cosmological and artistic perspectives with symbolic colors, lighting, and elements of ancient Chinese architecture to craft an exhibition space with a distinctive aesthetic flair. Moreover, we harness ancient astronomical records, traditional Chinese painting, high-precision spacecraft models, along with contemporary digital art, multimedia interaction, immersive projection, and large-screen films, among other artistic forms, to curate an immersive exhibition experience.

This paper elaborates on the creative conception and realization of the "Infinite" immersive space art exhibition in transforming conventional exhibition spaces into immersive gateways to the universe. Furthermore, it explores the potential and value of innovative space art exhibitions in promoting the symbiotic development of art and science and inspiring public interest and participation.