



AR & VR VOLUMETRIC IMMERSIVE
EXPERIENCES

DECEMBER 12, 2018

THE AR IMMERSIVE EXPERIENCE

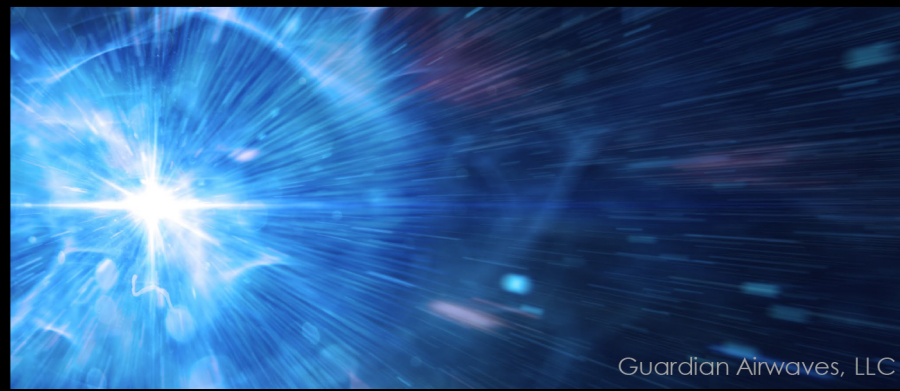
“The Big Bang”

- We propose an AR demo of approximately 20 seconds of animation simulating the Big Bang and the creation of the Universe. Beginning at a subatomic scale and then evolving into asteroids, comets, planets, stars, and then galaxies.
- For maximum control and realism, the main action will be pre-rendered in stereo to the main cinema screen. The spectacle will be complemented with AR projections using the Unreal Engine for extra elements like energy zaps, particles, asteroids, comet icicles, clouds, etc.
- Together with pinpoint audio cues, the viewer will experience a truly astounding and dramatic immersive experience.

THE AR IMMERSIVE EXPERIENCE "THE BIG BANG"



A faint, shimmering light pierces the blackness of the screen.



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A huge plasma explosion creates the Cosmos.



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Camera arcs 180 degrees, burning vapors move all around us.



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Chaos at microscopic level: Clouds of particles gather at rapid speed, gaining intensity as the camera pulls back.

THE AR IMMERSIVE EXPERIENCE "THE BIG BANG"



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The gravity starts to make its magic, forming rocks, then asteroids ...



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Camera continues to pull back while the scale of events increases exponentially.



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Asteroids and debris merge into moons, planets and stars.



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We start to see the birth of a solar system.

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Inside the nebulae is the cradle of stars.



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The camera continues to move out until we see the entire galaxy.



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The galaxy then becomes one in a million.



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The camera starts to slow down, appreciating the beauty of the night sky.

THE AR IMMERSIVE EXPERIENCE "THE BIG BANG"



The camera tilts down and reveals an Earth-like planet, settling in a field of clouds.