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Sharing space achievements and heritage: space museums and societies (5)

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A CHANCE FOR EVERYONE TO STEP IN THE ENVIRONMENT OF SPACE.

Abstract

Space exploration by enlightening and inspiring succeeding generations by providing a stage for the general public for experiencing the endless potentialities of space. This delving paper provides an outline of the utilization of the emerging Technology i.e., augmented Reality for providing an opportunity to experience the surroundings of space by creating interactive, augmented Reality entertainment. While a camera records the images of the environment and displays them on the screen, a computer connected to a motion-sensing element generates animated space-related objects or a scene in real-time and adds them to the displayed image. That results in turning ideation into working concept design; users' interaction with planets, galaxies, rockets while moving, a family of asteroids and plenty of other objects, as if in an exceedingly real space. As a result, this platform creates breathtaking and unparalleled augmented reality experiences suitable for any size audience, small or large. This approach has the potential to enhance the effectiveness of our outreach programs by creating unique and detailed 3D environments customized for any location.