

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
New Worlds - Non-Traditional Space Education and Outreach (7)

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FAZA EDUTAINMENT CENTER, SPACE ORIENTED AMUSEMENT PARK FOR AGELESS
EDUCATION

Abstract

Space Education is not easy when you are taking of kids. You need to remain attractive while providing educational materials. This requirement resulted in Edutainment concept which could be most effective for Space Education. Faza Edutainment Center, a place for playing to learn, has been designed and developed with this idea. FAZA Edutainment Center is a 3-floor building with large environment, surrounding and facilities. The Edutainment starts with a 3D projection on Astronomy and Space Systems' Introduction. Visitors will know about the daily tour plan in this section, too. Ground floor continues with a small movie hall which may be used for events, too. Space Rally is the next hall where kids try to race with electric small cars that gets more energy with each right answer that kids submit to the quizzes shared on the displays around the hall. In Cosmic Derby, visitors ride a train, rounding a predefined passage and while passing through cosmic steps, helping them to learn about Solar System and planets. Space food will be presented in a large food court at the ground floor. There are two expo area which can be accessed through panorama bridges for balloon launches and Satellite and Launch Vehicles mock ups. Second floor includes classrooms and a large computer game area equipped with VR goggles. The last floor simulates International Space Station main hall with a window resembling Cupola. Visitors will be transported to ISS through Launch process cabin, impressing the loads and vibration to them for a short time. The design and section in this Center have been considered in a way to make the visitors know about the Space Technology and Applications and get ready to learn more with Hands-on considered in different subjects. This Center is going to be developed in Iran as a private oriented amusement park, whose idea may be implemented in similar countries as a joint program.