

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Virtual Presentations - IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (VP)

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BEING THE SPARK THAT WILL DETONATE YOUR BIG BANG OF OPPORTUNITIES

Abstract

When we think in Space Sciences, it's common to imagine that only a few selected ones with specific and higher skills and abilities can be able to study or apply it; this is a very common thinking in developing countries like Mexico, however, the space will always be a breathtaking tool to involve the society, and make a change in this kind of thought, through the Space sector, we can develop a scientifically and critical thought in view of a better future.

We are totally sure that the future and course of our country it's on the hands of the young ones, that's why we are so concerned about the low interest rates on STEM (Science, Technology, Engineering and Mathematics), this situation creates a stagnate country in comparison of developed nations which continuously create new knowledge and tech, promoting their richness in the knowledge of its people.

In order to create an approaching to the scientific knowledge as well as new opportunities for the population we have the next solution: it lies in a simple and fun way, to encourage the kids, teenager and young people; actions that every developing country must take into account.

As already mentioned, our initiative consists in to attract kids, teenagers and youngsters into subjects like Astronomy, Astrobiology, Aeronautics, Chemistry, Human Space Exploration, etc., with the incorporation of high impact and reach events such as workshops, conferences, contests and the creation of new and didactic technologies, focused on STEM with a Space approachment, making them attractive to the younger ones by fun and entertainment ways; taking into account the necessary pedagogical elements to create an integral and significant learning for everyone, with this we create a sector in which we attack: the vulnerable communities in Mexico.

Nowadays, we have managed to get involved in the development of children and youth, reaching a direct impact in their lives, showing them a Big Bang of possibilities and getting them to have the ability to decide about their future with the necessary tools to do it.

With the present actions, we are breaking paradigms that have always affected the Mexican society, showing that it can be a significant change in our economic, social, scientific and technological developing of a country, and why not? Motivating our Mexican Kids, teenagers and youngsters people to dream and reach the stars.