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IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Ignition - Primary Space Education (1)

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APRENDIENDO CON GALILEO, A SOLUTION TO BRING SPACE TO ALL SCHOOLS AND THAT THOUSANDS OF PEOPLE DREAM AND WORK FOR SPACE DEVELOPMENT.

Abstract

As children we allow ourselves to dream, seeing the heavens imagine, this is how many children around the world have dreamed of space and have fascinated in it, however, this interest is gradually declining, largely due to the such an artificial way in which knowledge reaches our children in formal education, in which they can hardly see its practical application, likewise in not many institutions, mainly in developing countries, there is a limited or no relationship with the space, which is an aspect that disappears from the landscape of our children, that is why the development of these countries in special matters is limited, because we do not generate the appropriate spaces or programs to continue thinking about the space. With the previous situation in mind, Aprendiendo con Galileo arises, which is an educational proposal, developed in virtual reality technology and mixed reality from which you can access different experiences in which you can interact with different equipment, systems, problems and situations, from which it seeks to promote empirical knowledge in our children, so that through continuous experimentation they can have a continuous development, with better standards and even more importantly recognizing the practical application of what They are learning, all in a safe and portable environment. The portability of the equipment could seem a less important element, however, it is not so, in countries like Colombia in which there are areas of difficult access with a precarious school infrastructure, Additionally, the use of virtual reality and mixed reality is due to the high attention rate obtained with their use, improving the attention rate of students by about 65Thus, the space topics would be approached from different areas of knowledge (Mathematics, chemistry, biology, computer science, among others) allowing the integration of space with the usual themes, so that the space is part of our day to day and by virtue of it every day there are more people interested and committed to its development and exploita