

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

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A FAMILY PROGRAM TO ANSWER PUBLIC FREQUENTLY ASKED QUESTIONS ABOUT NEED
TO SPACE

Abstract

Widely asked questions from a space expert may be “why do we need space industry?” or “how accessible is space?”. The best approach to answer these questions to the public is to spread space culture. Family as the fundamental element of the society could be the best target group for this purpose. This paper is going to explain a public education program in a family holiday plan. The World Space week 2016 theme, “remote sensing – enabling the future” provided an opportunity to work on depicting enormous significance of earth observation from the space for human life betterment and improved life quality in developed countries. In a family gathering place like a park, where you can have parents and children at the same time, using a real size Cubesat paper model for adding the hands-on experience, we tried to explain how affordable is getting in to space these days. For this reason, a cubesat with mission close to a large remote sensing satellite was chosen to show elements of a space system, while family members from the age of 3 to 60 were informed about the direct effects of space science in people life like how uneducated people use remote sensing data gathered from satellite images for agricultural application such as weekly irrigation level or soil composition and use them for improvement of their production. The program not only was successful at the time, but also was followed up by similar programs with the aid of educational centers.