

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)  
Interactive Presentations - IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (IP)

Author: Ms. Stephanie María Leitón-Ramírez  
Laboratorio PRIAS, Centro Nacional de Alta Tecnología, Consejo Nacional de Rectores, Costa Rica

Ms. Cornelia Miller Granados  
Laboratorio PRIAS, Centro Nacional de Alta Tecnología, Consejo Nacional de Rectores, Costa Rica

CREATIVE SPACE: A COMPUTATIONAL SPACE TO LET SPATIAL CREATIVITY FLY FROM  
COSTA RICA

**Abstract**

The creative space "*Espacio Creativo*", is an initiative from the PRIAS Laboratory, that arises as a need to create a web space, to share geo-information and aerospace applications creatively from Costa Rica to the world. The Creative Space is a web application that is presented as a space for easy access, flooded with curiosity, with capabilities to explore, learn and share about geo-information and aerospace applications available for a wide range of users and activities. PRIAS is a Geomatic Laboratory of the National High Technology Center of Costa Rica with an emphasis on Earth Observation and is the national link for scientific airborne missions. Thanks to its ability to work with the triple helix between academia, government and industry, through the creative space platform, PRIAS motivates students to develop computer tools and technologies for the web space with a focus on spatial scientific dissemination, taking advantage of the capacity computational and GeoCenter of the PRIAS Laboratory, to carry out knowledge transfers in a collaborative way. This project is led by a young woman in engineering of computing science and through these activities it also seeks to inspire the participation of girls and women in STEAM and engineering areas with space. Using tools such as Artificial Intelligence and virtual reality, this initiative will support the interest in the generation of knowledge about the different earth observation systems. The creative space will help promote, through this educational strategy, interest in research and innovation in space science and technology among children, young and adults.