

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)

Space for All: Decolonial Practices in Space (2)

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ART AND SCIENCE & SPACE CULTURE, A BRAZILIAN EXPERIENCE BRIEF REPORTS ON THE
SACI-E PROJECT (SUBJECTIVITY, ART AND SPACE SCIENCES) CARRIED OUT AT INPE
(NATIONAL INSTITUTE FOR SPACE RESEARCH BRAZIL/2019-2022)**Abstract**

In the current context, there is a renewed interest in outer space. This phenomenon demands more research in the space area and greater political representation in the decision-making spheres of geo and astropolitics, from countries like Brazil. New Space's social engagement models are dominated by a mainstream scene, which pre-establishes images of the future, without leaving much room for other perspectives. To guarantee diversity in this field, it is necessary to promote local space cultures, valuing unique knowledge about the cosmos that each society has, linking them to artistic, philosophical and techno-scientific creative networks. In times of climate change, the imagination becomes a powerful ally and a source of aesthetic innovations, in this way it is possible to deliberately architect future terraformations of the solar system, eco-design of spaceships or fable cosmist ideas that have not yet been dreamed of by new generations. From this perspective, we present the SACI-E project (Subjectivity, Art and Space Sciences), carried out at INPE (National Institute for Space Research Brazil/2019-2022). It is an art and science program based on transdisciplinarity, cultural diversity and intersectionality, whose concepts cross the studies of subjectivity, decolonial theories, philosophy of science and scientific fiction/speculation. Several space agencies such as NASA, ESA, ESO, SPACEX, JAXA, AENC and institutes such as SETI, MIT, ISU work with space culture. Although these actions are references for the SACI-E project, it invests mainly in the creation of local references, in order to leverage Brazilian space culture, to collaborate, in this way, with global space culture in a more purposeful, original and less subordinate way. Thus, the text presents the main concepts that permeate SACI-E's curatorial line and describes its main actions (2019-2022): artistic residencies; artistic satellite construction workshops; creation of the Space Art category in the federal government's Satellite Olympics; creation of the ArtSat category in the CubeDesign satellite competition; production of the first Latin American album of space sound compositions; and the Plutocracy on Pluto course, focused on astropolitics. These activities generated noteworthy results such as transvestite satellites, satellites for sensing quilombola and indigenous territories, a satellite collecting space debris, an orbital memorial that collects names of dead people, among other wonders. The text presents the relevant connections between art and space science, in a syncretic and diverse country like Brazil.