

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
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OH MY SPACE ! ENGAGING THE PUBLIC IN SPACE DEBRIS RISKS: USING ART AND
STORYTELLING TO FOSTER CRITICAL REFLECTION

Abstract

The increasing pace of space activities has led to a growing concern about space debris, posing risks to operational spacecraft and future space exploration. While technical solutions are crucial, public awareness and critical reflection are essential for sustainable space development. This paper presents a project aimed at sensitizing the public to the risks and dangers of intense space activities, with a specific focus on space debris.

"Oh My Space !" project leverages the power of art and storytelling to engage diverse audiences and foster critical thinking. I developed an interactive art publications that combines artistic representations of space debris with factual information and personal narratives. Through immersive experiences and facilitated discussions. It encourages visitors to:

1. Contemplate the ethical and environmental implications of space debris.
2. Understand the scientific and technological challenges involved in mitigation.
3. Explore potential solutions and advocate for responsible space practices.

The project is currently in its initial phase, targeting a larger community of viewers. Evaluation methods include visitor surveys and social media engagement analysis. We expect to collect quantitative and qualitative data on the project's effectiveness in raising awareness, promoting critical reflection, and influencing attitudes towards space debris.

This project is unique and innovative in its focus on engaging diverse audiences through art and storytelling. By sharing my experience and findings, I hope to :

1. Inspire other organizations to use art and culture for space outreach.
2. Contribute to developing effective strategies for public engagement on critical space issues.
3. Promote a more informed and responsible public discourse about space activities.

I believe this project's approach can be valuable to the international space community, offering new avenues for public engagement and fostering critical thinking about sustainable space exploration.