

37th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS (E3)
Interactive Presentations - 37th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND
ECONOMICS (IPB)

Author: Mrs. Aoife van Linden Tol
Feral Events, United Kingdom, info@aoifevanlindentol.com

CREATIVE INDUSTRIES SPACE POLICY

Abstract

The relevance of culture and creativity in the context of outer space cannot be understated. These subjects permeate spacecraft design, human performance in space and space economy, policy, equity, ethics, law, to name a few. Creativity as a source of inspiration and communication is well understood and utilized. Yet the scope, and scale, of the economic powerhouse that is the Creative Industries on Earth is little known to the space industry. As a *2Trillian global industry it dwarfs the space industry itself and many of the commercial opp*

There is already a great deal of cultural activity in space. Many artworks and cultural artifacts already reside in or have visited space including artwork on satellites, the ISS, and spacecraft traveling the solar system and beyond. The first feature length movie has now been filmed in outer space and the first entertainment module for space has now been commissioned for the low Earth orbit space station, Axiom. However, the space industry does not have a coordinated approach to cultural activities in space with no structured national or international policies. The role of culture or the creative industries in regard to global economics and human evolution is not well understood in the space industry. There is also lack of awareness or experience of the application of arts and culture within other domains such as psychology, behavioral science, team development, and innovation, that could be beneficial to the space industry.

This paper aims to address the knowledge gap by providing an overview of creative industries on Earth and present ways in which they can integrate with and benefit the space sector operationally and financially. Examples include applications for psychological safety for long duration spaceflight and business cases for the low Earth orbit commercial enterprises. The paper presents a set of policy recommendations for integrating essential cultural expertise into human exploration programs and successfully nurturing these exciting commercial industries in space.