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Contemporary Arts Practice and Outer Space: A Multi-Disciplinary Approach (3)

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SIGNIFICANT INFLUENCE OF SPACE EXPLORATION ON THE ART INNOVATION OF
SPACE-AGE AESTHETICS

Abstract

The purpose of this paper is to study the significant influence of space exploration on the space-age aesthetics innovations in the culture of art. Since the first artificial satellite was successfully launched on October 4 of 1957, it is generally recognized to be the first year of space age. [1,2] Then, 2022 is its 65th year. There are plenty of happenings during the space age: popularizations of automobile, smart phone, iPad, liquid crystal television, personal computer, etc. People are living in a more advanced and much smarter environments. In the space community, development of high technology enhances exploration width and depth. In the art and fashion communities, many art innovations with plenty of space-age aesthetics have been innovated and created. [3,4] Since art is one of the major elements of our culture, it is also one major parts of our daily life and society. [5] For the space exploration, the space telescopes such as the Hubble Space Telescope (HST), the James Webb Space Telescope (JWST), etc. have taken so many beautiful cosmic images. Under the inspiration of space exploration, many artists including painting artists, fashion designers, craftwork artists and musicians, created so many masterpieces with plenty of space-age aesthetics. Besides, they also witnessed and recorded the development history of the space age. In the Commission 6 of the International Academy of Astronautics (IAA), the theme is "Space, Society, Culture and Education", and "Art and Culture" is one of its major scopes. Therefore, it is really necessary to study and introduce these facts.

References [1] Merriam-Webster, "Definition of space-age," Merriam-Webster, <https://www.merriam-webster.com/dictionary/space-age> (viewed on 20 February 2022). [2] Wikipedia, "Space age," Wikipedia, https://simple.wikipedia.org/wiki/Space_Age, last changed on 19 February 2022 (viewed on 20 February 2022). [3] Y.-W. Chang, J.-S. Chern, \Inspiration for modern art and fashion designs from space exploration and the iconic spacesuits of Space, 21–E5.3.5, 72nd International Astronautical Congress (IAC), Dubai, United Arab Emirates, 25–29 October 2021. [4] Y.-W. Chang, J.-S. Chern, \Significant influence of space exploration on art design and fashion styling in six decades since 1960: A review, paper IAC–21–E5.5.5, 72nd International Astronautical Congress, Dubai, United Arab Emirates, 25–29 October 2021. [5] English Literature Essays, \Culture : Definition and Scope, English Literature Essays, 2 November 2020, <http://allrfree.blogspot.com/2010/11/culture-definition-and-scope.html> (viewed on 20 February 2022).