

Space is the Place – MoonVillage ArtScience Residency

B.H. Foing (1,2, 3) , F. De Wilde (1) , and ArtScience MoonVillage students (1)
(1) ArtScience Interfaculty, The Hague ; (2) ESA ESTEC ; (3) ILEWG (Bernard.Foing@esa.int)

Abstract

Space and Moon-Mars Exploration Through Art offers you a MoonVillage Artscience workshop dream ticket to ESTEC the technical heart of ESA, the European Space Agency.

MoonVillage Artscience Workshop

Located in Noordwijk (25 kilometres from the Hague), the European Space Research and Technology Centre (ESTEC) is the incubator of the European space effort – where most ESA projects are born and where they are guided through the various phases of development.

Depending on the profile of your project, you can receive guidance from space scientists and engineers, access a wealth of data collected during various space missions, and invent your own way of fostering a collaboration with ESTEC. Since the earliest scientific preparations for extraterrestrial travel at the beginning of the 20th century, the exploration of outer space has become a quintessential framework of the human condition and its creative manifestations. Although the artistic pursuit of space science is still in its infancy, an accelerated evolution is currently underway.

Keywords: Moon Village, Mars Journey, harsh habitats, sensory deprivation and psychological effects of space travel, overview effect, microgravity, immersive environments, origins of life, climate and space weather, astrobiology, nanotechnology, robotics, remote and machine sensing, Solar System, humans as extraterrestrial villagers

Objective: exploring the potential of art in relation to (outer) space; **Examination:** presentations, and attendance.; **Opportunities:** participation to workshop , definition of follow up artscience and space projects

Assignments

Individual Assignment : 1) research and develop a plan for taking possession of a new (un)claimed or alien area in the public space, consider the moon as starting point; 2) position yourself in this future developments bases on your own discipline;3) the outcome can be anything; a 3D model, a performance or protest, a poem or music or.; 4) write a research document.

Collective Assignment : 1) Habitat and simulation: How do go from a lunar habitat to a moon city? How to live inside? How could we simulate ? How to operate as an astronaut and/or as a robot? 2) Long term and global view group: Minimal base (10 people) and how to test it, and how you branch to the long term view (social, urban planning, etc.);3) Campaign group: Content to engage the audience and stakeholders. PR campaign, arguments, performances, etc.; 4) Experiments group: Tools/concept/instrument on a real lander in 2020 (a technology precursor).

Results

We shall present highlights of results.

Acknowledgements

We thank the students participants: Teun, leandros, Nele, Veerle, Liva, Mabel, Alexander Z, Loes, Suna, Stefano, Sabina, Jorge, Catherine, Jesus.

References

- [1] <http://www.hou.usra.edu/meetings/lpsc2014/pdf/2808.pdf>
- [2] <http://todaysart.nl/2015/symposium-info/>
- [3] <https://ildwg.wordpress.com/moon-village/>
- [4] <http://www.space.com/329-noah-cosmic-ark-preserving-dna-moon.html>