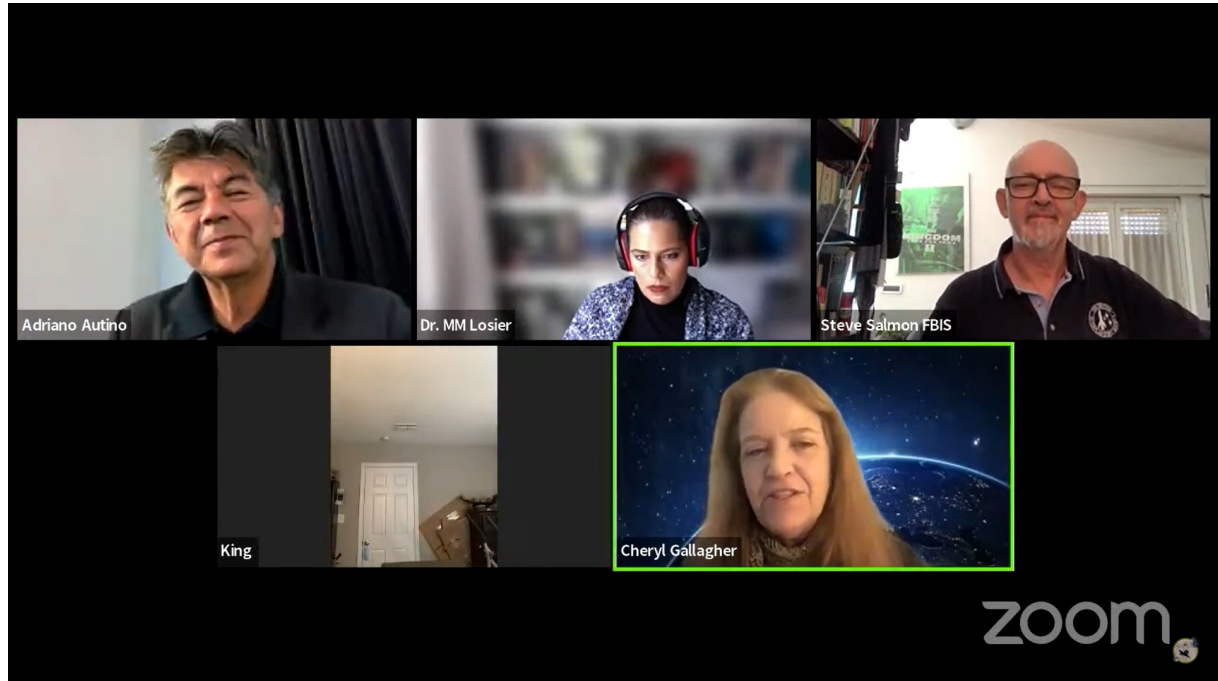


# Asgardians at Art and Science Festival in Berlin

Leo 26, 06 Jul 13, 22



On 20-22 Leo 0006 (7-9 July 2022), the [Art & Science Festival](#) was held by the Space Renaissance International (SRI). SRI is a respected international non-profit organisation, the motto of which is the famous quote from Konstantin Tsiolkovsky: 'Earth is the cradle of humankind, but one cannot live the whole life in a cradle'.

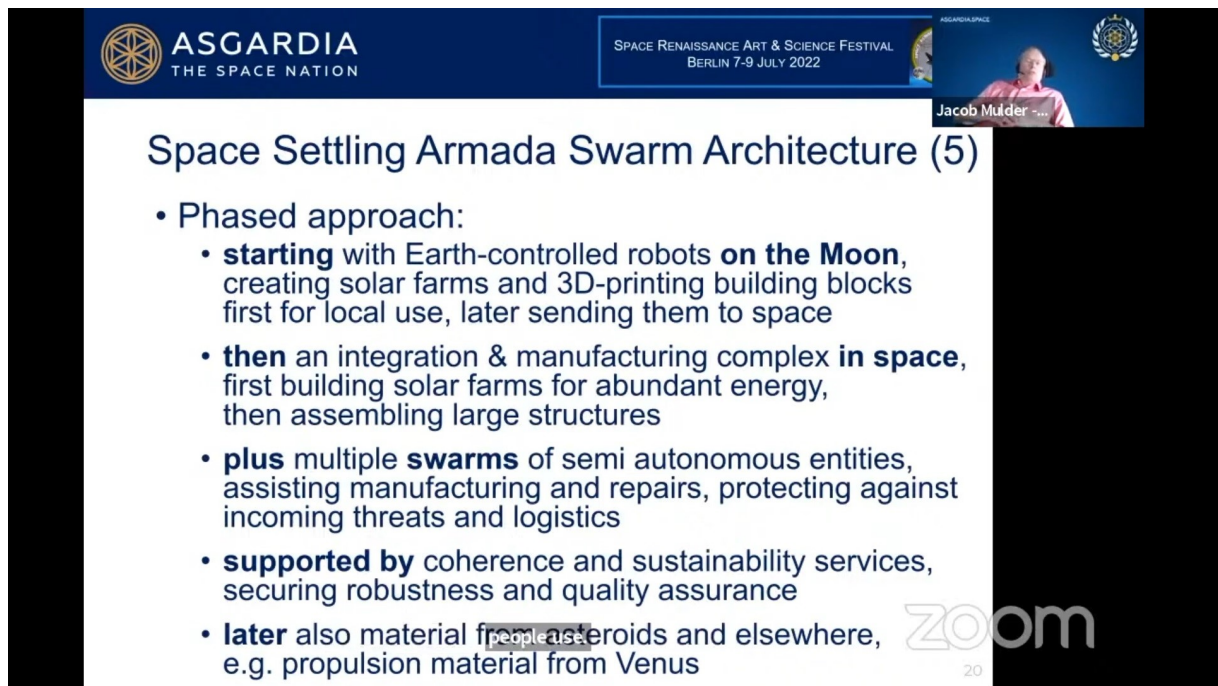
The event programme included two reports by Asgardia's officials. Minister of Manufacturing **Jacob Mulder** had a speech at the Panel on Space Habitats, while Minister of Culture **Cheryl Gallagher** shared a presentation during the Space Art Day.



In his report titled Manufacturing and Emigrating, **Mr. Mulder** first gave an overview of the Space Nation and its goals, including the 12 areas of development. He then proceeded with his favourite idea of a sustainable space colony swarm architecture and what the Ministry of Manufacturing should do to make it possible.

He underlined the utmost importance of proper standardisation, especially when working jointly with numerous partners in space industry, and stressed the role of the respective Asgardia's institutions, such as the Asgardia Institute of Standards (AIS), the Institute of Asgardia for the Assurance of Compliance and Quality, and later also the Asgardia Components and Services Marketplace, all of them being in line with the Asgardia Manufacturing & Integration Approach (AMIA).

In the emigrating part, Mr. Mulder alluded to his personal health reasons for leaving the earth within 15 years to avoid the gravity problems.



**ASGARDIA**  
THE SPACE NATION

SPACE RENAISSANCE ART & SCIENCE FESTIVAL  
BERLIN 7-9 JULY 2022

Jacob Mulder ...

## Space Settling Armada Swarm Architecture (5)

- Phased approach:
  - **starting** with Earth-controlled robots **on the Moon**, creating solar farms and 3D-printing building blocks first for local use, later sending them to space
  - **then** an integration & manufacturing complex **in space**, first building solar farms for abundant energy, then assembling large structures
  - **plus** multiple **swarms** of semi autonomous entities, assisting manufacturing and repairs, protecting against incoming threats and logistics
  - **supported by** coherence and sustainability services, securing robustness and quality assurance
  - **later** also material from asteroids and elsewhere, e.g. propulsion material from Venus

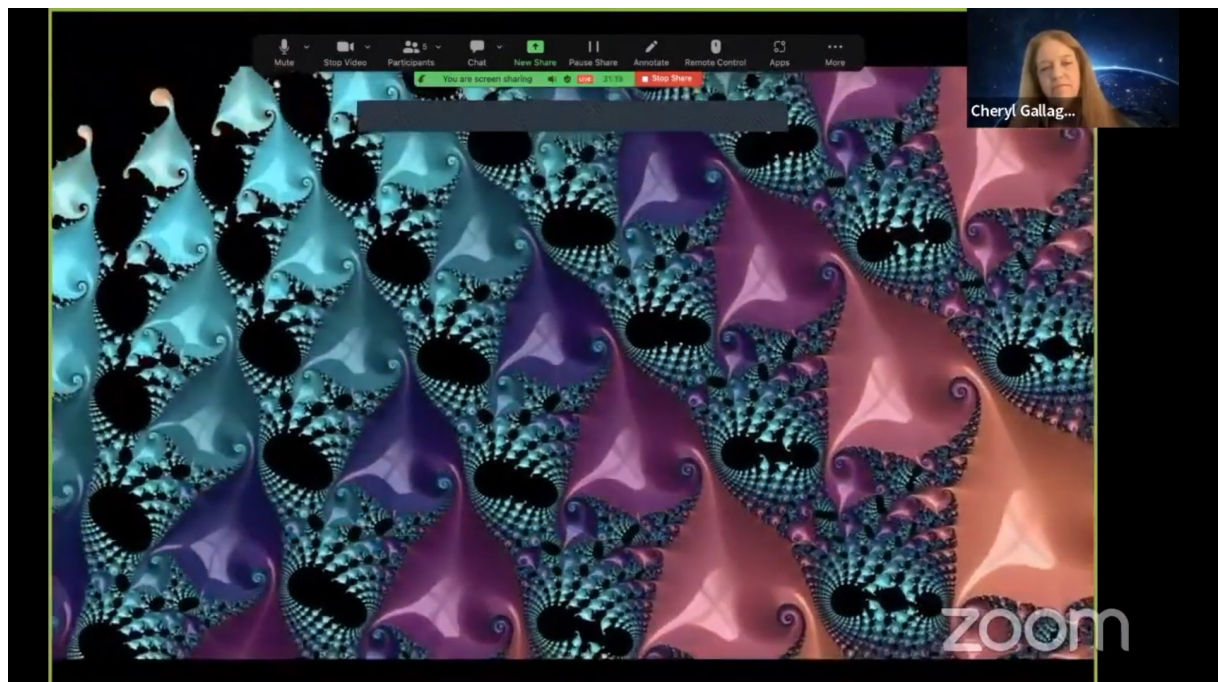
zoom

20

*From Jacob Mulder's presentation*

**Cheryl Gallagher** named her presentation Space Art and Human Cultural Evolution. The Next Chapter. She is not only an Asgardian official, but also a well-known space artist and musician aka **Madhavi Devi** since 1997. According to Mrs. Gallagher, space art sets the tone for the culture of life in space, depicting human life as a socially, physically and technologically evolved species in space.

She talked about AI and its ever-increasing possibilities in the art sphere, recalling such sci-fi classics as EPICAC by Kurt Vonnegut and Misfit by Robert Heinlein. She believes that AI can be truly sentient and experience emotions, and together with humans, spark the future with its creativity. Finally, much to everyone's pleasure, Mrs. Gallagher shared a mesmerising fractal space art video.



Mute Stop Video Participants Chat New Share Pause Share Annotate Remote Control Apps More

You are screen sharing 2:13:30 Stop Share

Cheryl Gallag...

zoom

*From Cheryl Gallagher's presentation*

The event has been a definite success in general and in promoting the Asgardia's values in particular.

**Presentation by Jacob Mulder:**

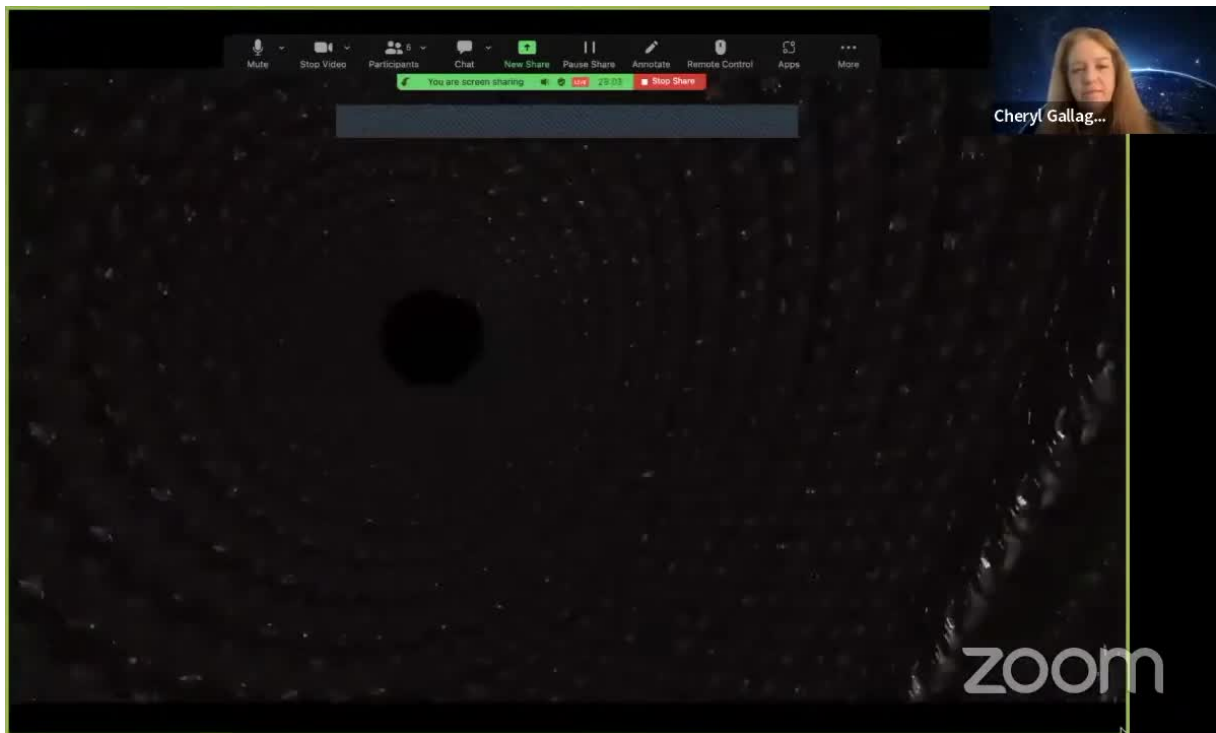


## Space Settling Armada Swarm Architecture (2)

- The vision is to create:
  - multiple **space stations**, with different goals: habitats, manufacturing, energy supply, commercial activities, science and other goals, at Lagrangian points and elsewhere
  - plus **stations on celestial bodies**, including Earth, Moon, Venus, Mars and Asteroids
  - **protected by a swarm** of small entities, both in space and on celestial bodies, protecting the stations from incoming objects and other threats
  - assisted by a **swarm** of similar small entities, providing **repairs and small modifications**,
  - plus a **swarm** of similar small entities, providing **logistics** services
  - plus facilities to provide **coherence and sustainability** for these swarms of stations and fleets for protection, repairs and logistics
  - supported by a **swarm architecture** for this armada

Minister of Manufacturing - Manufacturing and Emigrating

**Presentation by Cheryl Gallagher:**



Minister of Culture - Space Art and the Human Cultural Evolution