

# PRE-HEARSING SPACE HABITATION

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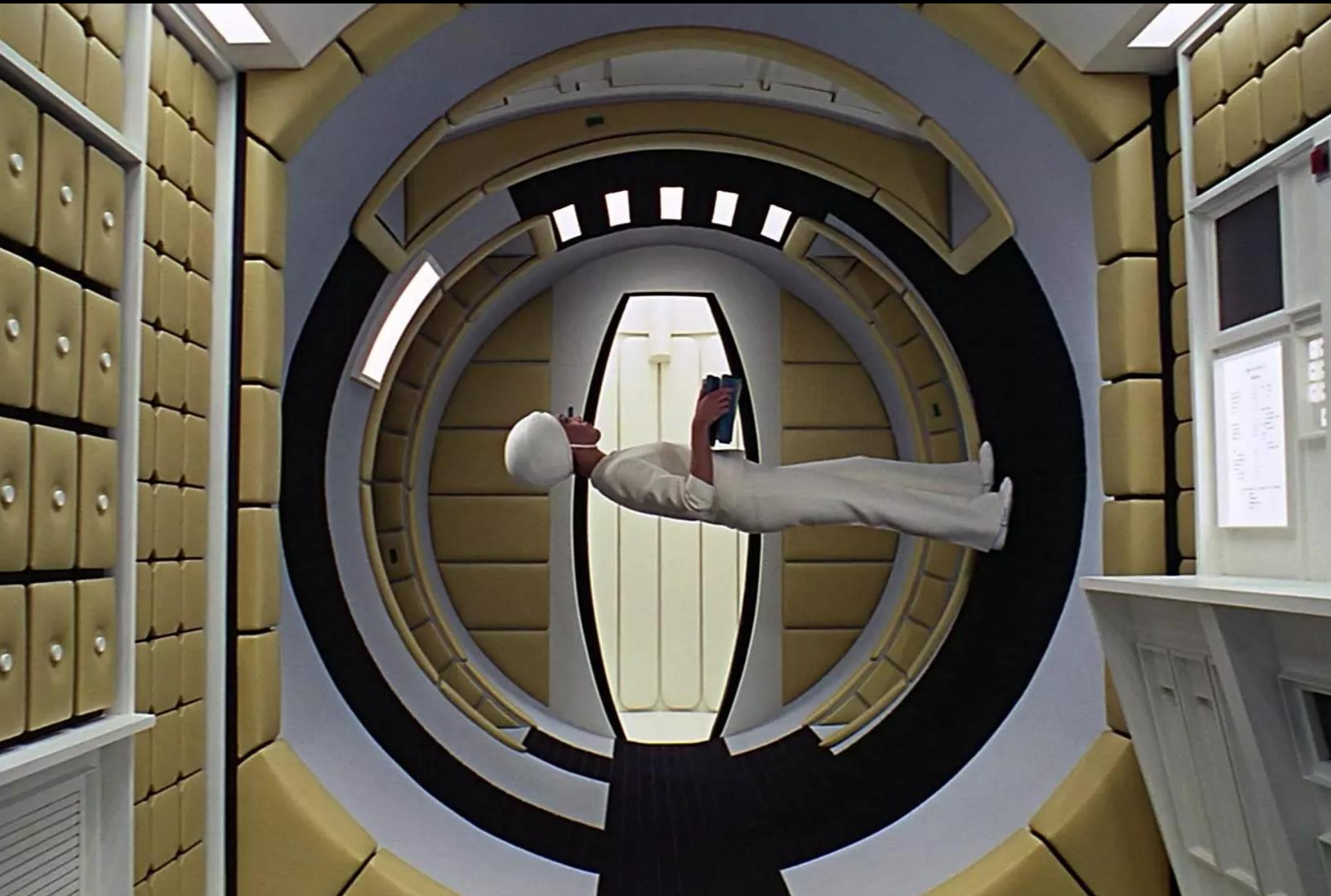
HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013 & MDRS Crew 122, Utah, 2013



ANALOG LESSONS  
DESIGNING ECOSYSTEMS  
UNCERTAINTY & THE ARCHITECT



# REALISM



2001: A Space Odyssey, Stanley Kubrick, 1968



Expedition 59, International Space Station (ISS), 2019, photo by NASA



# CREW COHESION



HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013



PRIVACY



Photos by Sian Proctor



HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013



# WINDOWS



Photos by Sian Proctor



HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013



SUNLIGHT

HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013



# MAINTENANCE



HI-SEAS Mission I, Mauna Loa, Hawai'i, 2013

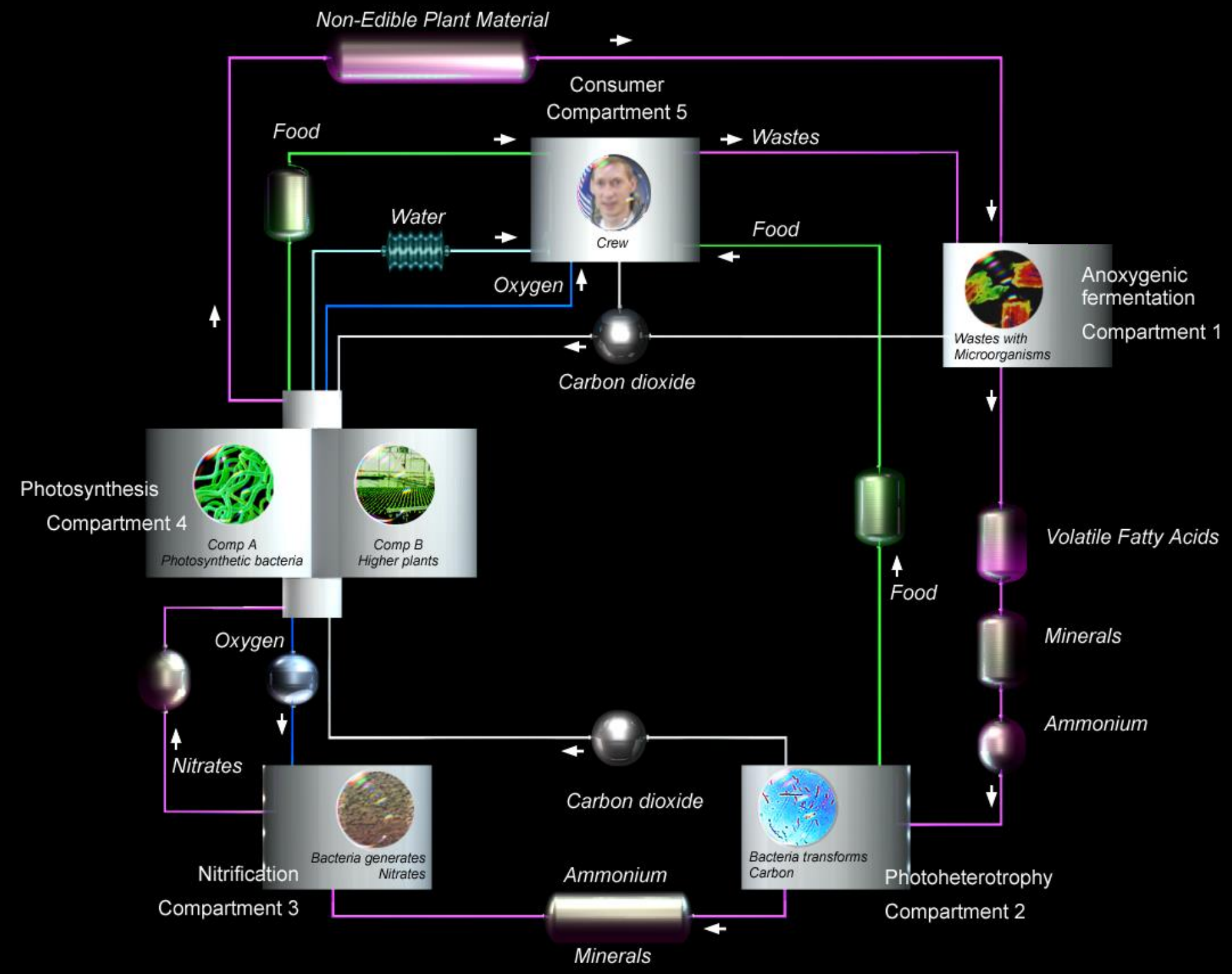


# BIOPHILIA





# BIOLOGICAL LIFE SUPPORT





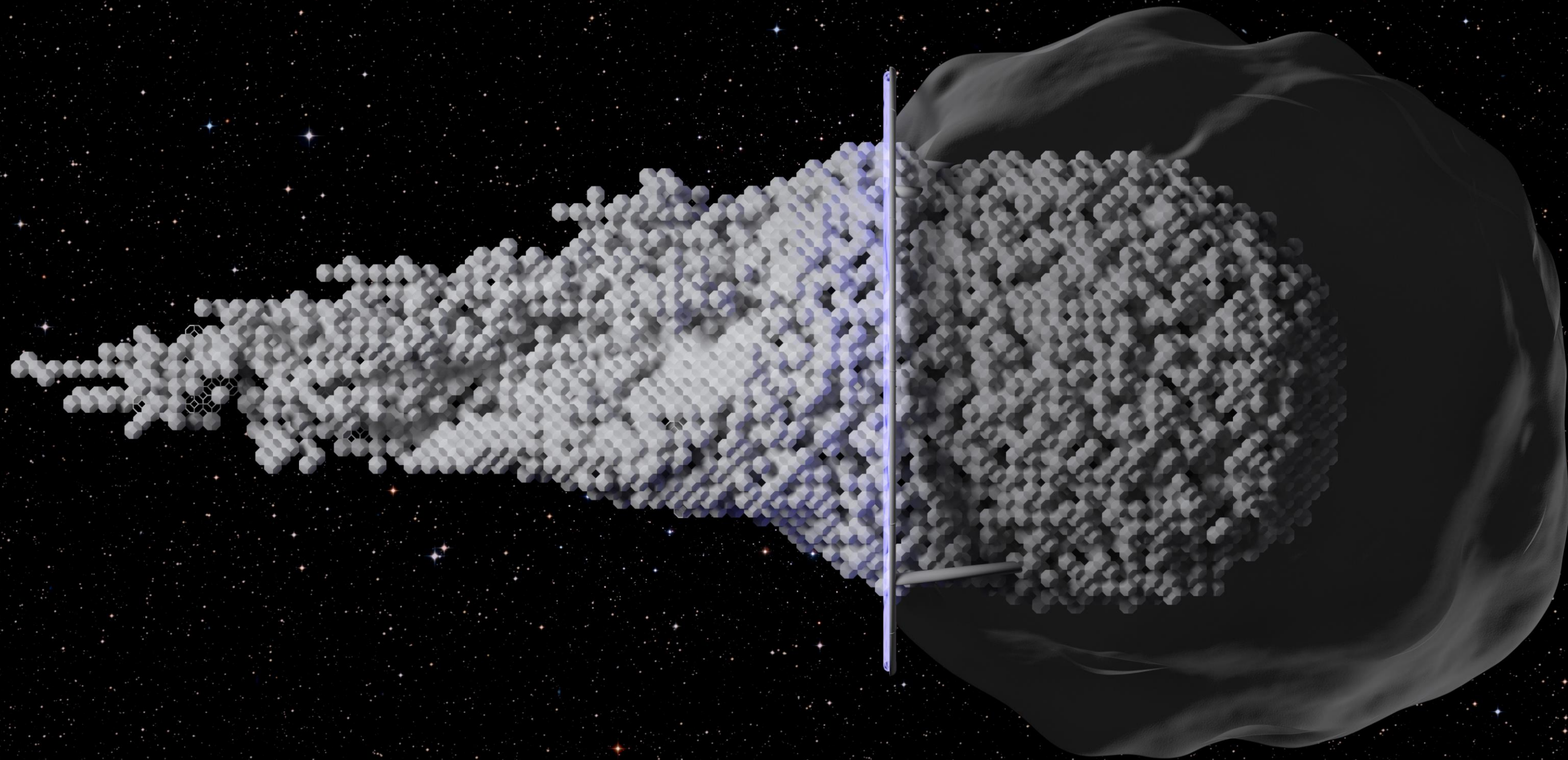
# BIOLOGICAL LIFE SUPPORT



EDEN ISS, Antarctica, 2018, photo by DLR



# BIOINSPIRED ENGINEERING



SEADS & TU Delft, E|A|S (Evolving Asteroid Starships), 2016 (-ongoing)

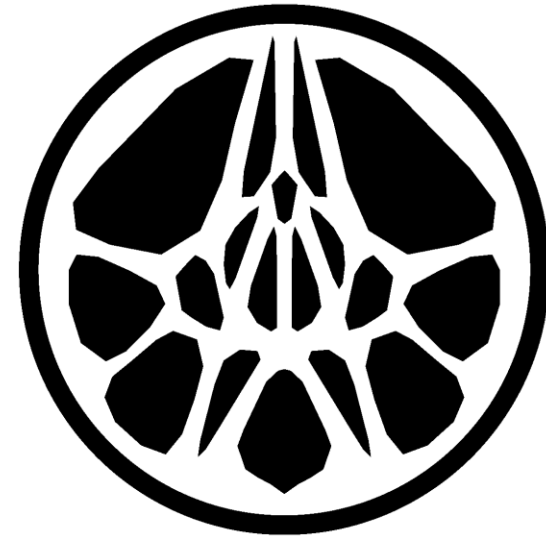


# SELF-REPLICATING ARCHITECTURE



SEADS & TU Delft, E|A|S (Evolving Asteroid Starships), 2016 (-ongoing)





**SPACE  
ECOLOGIES  
ART AND  
DESIGN**

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