## IAF MATERIALS AND STRUCTURES SYMPOSIUM (C2) Late breaking abstracts (LBA)

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## CIO PRESENTATION TO DEEP SPACE FOOD CHALLENGE NASA & CSA

## Abstract

Project Objective - Justification I proposed a specialized circular glass greenhouse around the SpaceX rocket (Starship), an idea conceived derived from the approach presented in the first phase of the Deep Space Food Challenge NASA CSA (2021), abstract letter of presentation of the project shared before. This paper made it to the second phase of the challenge. The discovery of the magnetic spectrum of clay and ferrous silicon oxide (magnetite) in the area where the most powerful anticyclone electromagnetic shield on planet earth originates, supports the proposal in search of reproducing the phenomenon present in the astronomical area of experimentation in Cabo Corrientes and the Giant Dune of San Carlos, Tomatlan Jalisco México. There it was observed that a natural phenomenon described as the adhesion of cosmic dust to photosynthesis, allows plants to benefit in the form of a natural fertilizer adherent strengthened by the sun's infrared radiation.