## IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1) Virtual Presentations - IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (VP)

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## IMPLEMENTATION OF THE HUMAN LIFE CYCLE ON MARS.

## Abstract

The chance of life on Mars is a subject of critical enthusiasm for astrobiology because of its proximity and similarity to Earth. Mars is specifically compelling for the investigation of the origins of life because of its similarities with earth. At least 66% of Mars' surface is more than 3.5 billion years old, and Mars may in this manner hold the best record of the prebiotic conditions leading to life, regardless of whether life doesn't or has never existed there which may have begun developing as ahead of schedule as 4.48 billion years ago. But the Environment conditions of Mars are very hostile. Its unchangeable astrophysical parameters would permit the maintenance of an much thicker, hotter carbon dioxide atmosphere than that which presently exists. Even Very low temperature ( about - 60C), exceptionally oxidizing and desiccated, mars may groups significant amounts of material needed to help life – in particular water and carbon dioxide. The main objective of this Research is to study the implementation of life cycle on mars. In this case study all the data about implementation of the life cycle of Humans on mars has been analyzed.