IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)
Interactive Presentations - IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (IP)

Author: Dr. SANDhYA RAO
India

ARTIFICIAL INTELLIGENCE SOFTWARE TO DIAGNOSE ASTRONAUT BEHAVIOR PERFORMANCE AND PSYCHOLOGICAL ISSUES DURING DEEP SPACE EXPLORATION

Abstract

Vimana Notion Design Team along with our Researchers and Engineers have developed Artificial Intelligence software to detect Behavior Performance and Psychological issues during Deep Space Missions.. ,pace exploration missions move from low orbit to distant destinations, including the Moon and Mars, new psychological, behavioral, and team challenges will arise. This research developed by our experts , mapping unfilled research gaps related to the psychology of space exploration, considering the incoming human missions, and accounting for the available scientific knowledge. The white paper considers basic issues of adaptation, pre-, during-, and post-mission experiences, and possible countermeasures to be developed and tested. The resulting integrative map provides a guide for researchers that are interested in conducting research in the support of future space exploration endeavors. We are presently working on different AI with Deep technologies for every destination including Europa and other planets vimana Notion Design Team would also design and develop new engineering IOT smart watches which could help them to follow instructions for medical support from International Psychologists and Doctors , and our support team to identify the problem and give instructions via a robotic tech to the Astronauts. Key words..... Smartwatch, Psychologists, Mars , Moon Europa, Artificial Intelligence