

IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM (A1)
Life Support, habitats and EVA Systems (7)

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MAKING SCIENCE FICTION A REALITY: ADVANCED CONCEPTS FOR HUMAN SPACE
EXPLORATION

Abstract

This interactive presentation will highlight the latest ideas in life support and habitat technologies, seemingly torn from the pages of science fiction. It will focus on the potential use of emerging technologies, such as liquid ventilation with oxygenated perfluorocarbon, induced torpor state hibernation, and the future possibilities of genetic engineering.