

47th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –
The Next Steps (A4)
Interactive Presentations - 47th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL
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BACKUP EARTH: BEAMING HUMANITY'S ESSENCE INTO THE INTERSTELLAR CLOUD

Abstract

Life on Earth is exceedingly fragile. Our own living planet will ultimately cease to exist, through either natural disaster, cosmic accident, or at our own hands. A digital backup of Planet Earth is now not only possible, but absolutely essential if we are to assure immortality for our planet, and perhaps our species. This presentation outlines a proposal to create a digital backup of everything on Earth, eventually using a high-power laser transmitter to stream humanity's ultimate message into the interstellar cloud. It explores questions about the viability, feasibility, and advisability of pursuing Messaging to Extraterrestrial Intelligence on a grand scale.

Keywords: SETI, METI, Messaging to Extraterrestrial Intelligence, laser communications, Optical SETI