

**Holographic Interstellar-Probe Message Plaques:
an Opportunity for Grass-Roots SETI**

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ABSTRACT

C Bangs curated “Messages from Earth” at a summer 2000 IAA symposium in Italy, where 35 artists presented visual messages to be affixed to future interstellar probes. We created in 2001 a prototype interstellar message plaque consisting of 6 multiplexed images on a Rainbow Hologram. Tests at NASA Marshall Space Flight Center (MSFC) revealed that holograms are radiation tolerant. About 300,000 images could be included in a well-designed holographic message plaque, which opens the field to wide grass-roots participation. This work was supported by MSFC contracts H-29712D and H-35191D.