

50th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –
The Next Steps (A4)
SETI 2: SETI and Society (2)

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POTENTIAL TECHNOLOGIES THROUGH SETI AND GLOBAL RESPONSE PLAN FOR FIRST
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Abstract

SETI has been at the forefront of many scientists and organizations for decades. Drake's equation tells us that the probability of finding an extraterrestrial intelligence besides our own civilization is a likelihood as the universe is vast. It is also to be expected that some of these civilizations has reached a technological level which is superior to human technology and thus it is also a likelihood that these civilizations are exploring the known galaxy and beyond. However, it must be understood that from the engineering perspective the stereotypes for the existence of spacecraft has been quite flawed as spacecraft with such long distance transport technology will have some other features not compatible with the stereotypes. Even the search for SETI has helped in many technologies across the world and continue to do so. Hence, SETI should not be limited to few groups and agencies and can become a global unifying factor worldwide. Hence the benefits of SETI is discussed in this paper and the potential global response protocol for first contact is discussed. Furthermore, the potential politic effects of a first contact is discussed in detail in this paper.