

53rd IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –  
The Next Steps (A4)  
Interactive Presentations - 53rd IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL  
INTELLIGENCE (SETI) – The Next Steps (IP)

Author: Mr. Ali Mammadov  
Azerbaijan

DISCOVERING EXTRATERRESTRIAL LIFE IN THE UNIVERSE: SCIENTIFIC, TECHNICAL, AND  
INTERDISCIPLINARY DIMENSIONS OF EXTRATERRESTRIAL LIFE AND SETI'S  
CONTRIBUTIONS TO FINDING EXTRATERRESTRIAL LIFE.

**Abstract**

This article covers the scientific and technical aspects of SETI, providing a review of current and future developments and search strategies. Researchers in the field focus on leveraging the latest advances in technology to analyze astronomical data and discern potential signals from other intelligent civilizations. The symposium aims to showcase the diversity of approaches in scientific and technical fields and to shed light on the methodologies used in ongoing research on extraterrestrial intelligence. Thanks to technological and scientific developments, we obtain big data and there are great developments to find potential extraterrestrial life, in the article, we analyze the big data obtained now and will be obtained in the future thanks to Artificial Intelligence (AI) and Quantum Hardware and software, and intelligent extraterrestrials in the future and these contributions will hugely impact on the discovery of life.