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The Next Steps (A4)
SETI 2: SETI and Society (2)

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ASTROBIOLOGY AND SETI IN PERU: RECENT AND FUTURE ADVANCES

Abstract

In a previous paper presented at the IAC 2020 we spoke about a Peruvian project about Astrobiology and SETI. Unfortunately, the project was stopped for two years by the Covid pandemic, but we are now resuming it. The project is carried out by a group of professors of the Faculty of Physical Sciences of the San Marcos National University in collaboration with the InCosmiCon research center, and it moves along three main lines: 1) creating the first Peruvian School of Astronomy at the San Marcos National University in Lima, where Astrobiology will be one of the programs of the school; 2) activating the first Peruvian Optical SETI program at the new astronomical observatory that the San Marcos National University is currently building in Cusco; 3) carrying out a series of studies about some crucial topics of Astrobiology and SETI, like the extension of the galactic habitable zone, the encoding of advanced mathematics in interstellar messages, and the ongoing experience of intercultural dialogue at the Amazonian University UCSS-Nopoki of Atalaya as a possible model for interstellar communication. In this paper we will account for the recent advances already made and those expected in the next future.