

49th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) –
The Next Steps (A4)
SETI 1: SETI Science and Technology (1)

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A PERUVIAN PROJECT ABOUT ASTROBIOLOGY AND OPTICAL SETI

Abstract

In this paper we are going to report the effort in the study of extraterrestrial intelligence that we are making at the Faculty of Physics of the Universidad Nacional Mayor de San Marcos of Lima, in collaboration with the InCosmiCon Research Center. This effort is twofold. 1) On one side, we are working on the development of astrobiology, especially on a hypothesis about the possible extension of the concept of galactic habitable zone. Furthermore, in 2017 we have organized in San Marcos the “María Luisa Aguilar” Astrobiology School for the students of all Peruvian universities, and now we are planning to create a stable School of Astrobiology in our Faculty. 2) On the other side, in 2017 we have also started to work on SETI, and at present our main objective is to present a project to the Peruvian funding scientific institution (CONCYTEC) for the acquisition of a medium-sized optical telescope, in order to create in Cusco an Astronomical Observatory where we are planning to develop in the next future the first Peruvian Optical SETI program.