



INSTITUTE OF PHYSICS IPHYS

Seminar in Biological and Statistical Physics

Mardi 5 Juin 2018 à 14h00

Salle BSP 727, (Cubotron) EPFL

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“Where is everybody?” - Signal coverage approach to SETI

Abstract:

The discovery of thousands of extrasolar planets and the inferred astronomical number of Earth-like planets in the Galaxy have recently fueled an intense activity in Search for Extraterrestrial Intelligence (SETI). The “Breakthrough Listen” initiative, the largest and most comprehensive search ever, and other ongoing and upcoming SETI research programs in the radio and optical spectrum offer the unprecedented opportunity of a systematic investigation in the vast domain of the SETI search space. I will give an overview of SETI and discuss its “physics” from the viewpoint of a condensed matter physicist.

Host: Prof. De Los Rios
Institute of Physics and Institute of Bioengineering