

SEMINARIO DE SISTEMAS DINÁMICOS DE SANTIAGO

SPEAKER: Sebastián Barbieri (LaBRI, Université de Bordeaux)

TITLE: *On the relation between topological entropy and asymptotic pairs*

ABSTRACT: I will present some results that state that under certain topological conditions, any action of a countable amenable group with positive topological entropy admits off-diagonal asymptotic pairs. I shall explain the latest results on this topic and present a new approach, inspired from thermodynamical formalism and developed in collaboration with Felipe García-Ramos and Hanfeng Li, which unifies all previous results and yields new classes of algebraic actions for which positive entropy yields non-triviality of their associated homoclinic group.

DAY / TIME Monday June 15th, 2020 / 4:30 PM - 5:30 PM (Santiago Time)

LOCATION Zoom meeting (ID **950 3770 0646**, Password **595507**)

URL <https://zoom.us/j/95037700646?pwd=bjNUMFIBN1hDZSt2aEUwakFLOctkQT09>