Department of Mathematics, BGU

BGU Probability and Ergodic Theory (PET) seminar

On *Monday, January ,27 2020*

At *11:10 − 12:00*

In *101-*

Sebastián Barbieri (Université de Bordeaux)

will talk about

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 unfiies all previous results and yields new classes of algebraic actions for which positive entropy yields non-triviality of their associated homoclinic group.

Please Note the Unusual Day!