

Department of Mathematics, BGU

BGU Probability and Ergodic Theory (PET) seminar

On Thursday, November ,11 2021

At 11:10 – 12:00

In 101-

Matthieu Joseph (École normale supérieure de Lyon)

will talk about

Allosteric actions of surface groups

Abstract: In a recent work, I introduced the notion of allosteric actions: a minimal action of a countable group on a compact space, with an ergodic invariant measure, is allosteric if it is topologically free but not essentially free. In the first part of my talk I will explain some properties of allosteric actions, and their links with Invariant Random Subgroups (IRS) and Uniformly Recurrent Subgroups (URS). In the second part, I will explain a recent result of mine: the fundamental group of a closed hyperbolic surface admits allosteric actions.