

Department of Mathematics, BGU

Geometry and Group Theory

On Sunday, December ,11 2016

At 14:30 – 15:30

In 101-

Yair Hartman (Northwestern)

will talk about

Percolation, Invariant Random Subgroups and Furstenberg Entropy

Abstract: In this talk I'll present a joint work with Ariel Yadin, in which we solve the Furstenberg Entropy Realization Problem for finitely supported random walks (finite range jumps) on free groups and lamplighter groups. This generalizes a previous result of Bowen. The proof consists of several reductions which have geometric and probabilistic flavors of independent interests.

All notions will be explained in the talk, no prior knowledge of Invariant Random Subgroups or Furstenberg Entropy is assumed.