

Department of Mathematics, BGU

BGU Probability and Ergodic Theory
(PET) seminar

On Thursday, November ,21 2019

At 11:10 – 12:00

In 101-

Uriel Gabor (The Hebrew University)

will talk about

**On the failure of Ornstein's theory in the finitary
category.**

Abstract: I'll show the invalidity of finitary counterparts for three theorems in classification theory: The preservation of being a Bernoulli shift through factors, Sinai's factor theorem, and the weak Pinsker property. This gives a negative answer to an old conjecture and to a recent open problem.