

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.