

Department of Mathematics, BGU

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## BGU Probability and Ergodic Theory (PET) seminar

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*On Thursday, April ,27 2023*

*At 11:10 – 12:00*

*In 101-*

Zemer Kosloff (The Hebrew University of Jerusalem)

will talk about

**(alpha Stable) CLT in deterministic dynamical  
systems**

Abstract: We will discuss a joint work with Dalibor Volny where we show that for every ergodic and aperiodic probability preserving transformation and  $\alpha \in (0,2)$  there exists a function whose associated time series is in the standard domain of attraction of a non-degenerate symmetric  $\alpha$ -stable distribution.