

Department of Mathematics, BGU

BGU Probability and Ergodic Theory (PET) seminar

On Thursday, April ,16 2026

At 11:10 – 12:00

In 101-

Yair Hartman (BGU)

will talk about

On The Simplicity of Reduced Crossed Products, and Stabilizers

Abstract: For a minimal action of a countable group G on a compact space X , we establish necessary conditions for the simplicity of the corresponding reduced crossed product C^* -algebras in terms of stabilizer subgroups. In particular, our result gives a complete characterization of the simplicity of the reduced crossed product associated with minimal actions of linear groups, answering a question of Ozawa (2014) for these groups. Joint work with Mehrdad Kalantar